



Schomberg 3D MSS DATA MANAGEMENT PLAN

Activity: Schomberg 3D MSS - Acquisition, Processing and Interpretation of 3D Seismic Data			
Title: VICP / 43			
Title Holders: Woodside Energy Ltd			
Document No:	#3834098	Rev: 0	Custodian: Terry Walker Date:
DRIMS Classification:	BRB/GPS/021/v01	Signature: <i>Terry Walker</i> 18/1/08	
Prepared by: Craig Williams Date: 18/01/08		Approved by: Terry Walker Date:	
Signature: <i>Craig Williams</i>		Signature: <i>Terry Walker</i> 18/1/08	

CONCURRENCE

Name	Group	Date	Signature
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REVISION HISTORY

Revision	Description	Date	Prepared by
0	Original Document	January 2008	Craig Williams

RELEASE STATEMENT (Check one box only)

- Unclassified (Shared without Restrictions)
 Restricted (Freely Shared within Woodside and Associated Companies)

REVIEW STATUS (Check one box only)

- Review Period 5 Years
 Review Not Required

DOCUMENT DISTRIBUTION

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04	Geophysics Team	<input type="checkbox"/>	<input checked="" type="checkbox"/>
05	EpiCentre Data Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>
06		<input type="checkbox"/>	<input type="checkbox"/>

(received 21/1/2008)

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January 2008



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SECTION 1 GENERAL INFORMATION

Instructions

Complete all parts in Section 1.

Holder(s)	Woodside Energy Ltd
Company responsible for the data (including submission of the data to the Designated Authority)	Woodside Energy Ltd
Contact Person (provide name, title and contact details)	Greg Spillane Greg.spillane@woodside.com.au
Date	November 2007
Activity (describe each activity to which the DMP relates)	Schomberg 3D MSS - data acquisition, processing and interpretation of ~320sqkm of 3D Marine Seismic data
State	VIC
Basin	Otway
Permit	VIC P/43
Description of each location at which each activity will be carried out (or enclose map)	Map submitted with survey application
Period of the activity	Seismic acquisition from January to February 2008, processing and interpretation to follow.
The persons undertaking the activity*	See Survey application
The techniques and equipment used to collect, process and interpret the data*	3D Marine Seismic Data Acquisition (streamer reflection seismic). Processing using industry standard techniques, hardware and media. For further information please see survey application. Interpretation undertaken by Woodside Energy Ltd. using industry standard interpretation software and hardware.
Nominated address(es) for securing and storage of data	Spectrum Data Suite 1, 14 Brodie Hall Drive Technology Park Bentley WA 6102
Any other information that is reasonably necessary to demonstrate that this DMP complies with the Petroleum (Submerged Lands) (Data Management) Regulations 2004	

* Please note: It is acceptable to refer to other documents that contains this information. For example, "See drilling programme" or "See survey application". If the document has not yet been submitted it should be stated that this document will be provided in the future. Such documents should also refer back to this DMP. For example, "See drilling programme" is unacceptable if this programme has not yet been received. Acceptance of this DMP could imply that the drilling programme has also been accepted. It should read, "A drilling programme will be submitted closer to the well spud date and will refer to this DMP". This programme should state, "This drilling programme contains data that was required by but could not be provided in the DMP".

SECTION 2 DATA MANAGEMENT

Instructions

Carefully read Section 2. Do not change Section 2. If variations are required, please place an * next to the item to be varied and detail the variation in Section 3.

PART 1 STATEMENTS

- 101 A description of each activity to which the DMP relates and each location at which each activity will be carried out is given in Section 1 of this document.
- 102 A description of the reports and information, relevant to the activity that the holder will make is given in Section 2 Part 2 and Section 2 Part 3 of this document. None of these reports and information will be kept (that is, not submitted to the Designated Authority).
- 103 The holder will give all the information listed in Section 2 Part 2 and Section 2 Part 3 of this document to the Designated Authority without a request by the Designated Authority. The holder will only keep (that is, not submit to the Designated Authority) information not specified in these parts.
- 104 The media and formats in which information, cores, cuttings or samples will be held is described in Section 2 Part 2 and Section 2 Part 3 of this document and in the Guidelines for data submission required under Western Australia and Commonwealth and petroleum legislation.
- 105 The media and formats described in Section 2 Part 2 and Section 2 Part 3 of this document are in accordance with the Guidelines for data submission required under Western Australia and Commonwealth and petroleum legislation.
- 106 The holder undertakes to allow reasonable access to any data that is made publicly available under the Petroleum (Submerged Lands) Act 1967 or the Petroleum (Submerged Lands) (Data Management) Regulations 2004. The holder will allow access to the data upon notification by the Designated Authority.
- 107 The holder will make arrangements to ensure that information is stored and preserved according to good archival practice. The storage of data will meet archival principles as stated in the Guidelines for data submission required under Western Australia and Commonwealth petroleum legislation and as recommended by the Australian Archives.
- 108 The holder will give reports and information in accordance with the timetables proposed in Section 2 Part 2 and Section 2 Part 3 of this document.
- 109 The data management performance objectives against which performance by the holder in managing the data is to be measured is that all data will be stored and submitted to the Designated Authority according to the conditions set out in this DMP. The measurement criterion that defines those objectives is that the environmental conditions of the archives will be monitored and the submission of data will be recorded.
- 110 The measurement criteria will confirm that the performance objectives are being met because monitoring environmental conditions will show that archival conditions meet archival principles as stated in the Guidelines for data submission required under Western Australia and Commonwealth petroleum legislation and as recommended by the Australian Archives. The data submission records will demonstrate abidance with the timetables in Section 2 Part 2 and Section 2 Part 3 of this document.
- 111 All documents and records will be stored in secure storage areas at the address (es) nominated in Section 1 of this document. The documents and records will be secured and maintained according to the archival principles as stated in the Guidelines for data submission required under Western

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Australia and Commonwealth petroleum legislation and as recommended by the Australian Archives so that retrieval of documents and other records is reasonably practicable.

- 112 The holder acknowledges responsibility for the collection, storage and submission of information, cores, cuttings and samples obtained during an activity, until the information, cores, cuttings or samples are submitted to the Designated Authority.
- 113 Any other information that is reasonable necessary to demonstrate that the DMP complies with these Regulations is given in Section 1 of this document.

PART 2 PROGRESS REPORTS

201 Weekly report

If a geological or geophysical field survey is in progress, a report will be given about survey operations carried out during a week.

A weekly report will be given as soon as practicable after the end of the week to which the report relates.

The media, format and the address used for the submission of this report will be in accordance to any instructions given by the Designated Authority.

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PART 3 DATA SUBMISSION TABLES

Table 1: 3D Seismic Data

DATA REQUIRED	REPORT TYPE*	FORMAT	DATA FOR STATE/ TERRITORY	DATA FOR FEDERAL GOVT. (GA)	DATE FOR SUBMISSION (prior to or by)	REMARKS
Field Data						
Final Processed Navigation data Includes elevation and bathymetry data.	Documentary	UKOOA	TP	To be forwarded to GA after approval of TP by State	18 months after completion of acquisition.	All associated data sufficient to re-process seismic data including shot and receiver coordinates.
Raw Navigation data	Documentary	UKOOA	TP	To be forwarded to GA after approval of TP by State	18 months after completion of the acquisition	P2/94 or subsequent format.
Seismic field data	Documentary	SEG Standard	TP	To be forwarded to GA after approval of TP by State	18 months after completion of acquisition	To be submitted on high density media.
Seismic support data	Documentary	PDF	TP	To be forwarded to GA after approval of TP by State	18 months after completion of acquisition	Must include observer's logs For onshore/OBC data only: surveyors notes, chaining diagrams, intersections, SPS files
Itemised field tape listing	Documentary	ASCII	One copy only to be submitted to State DA	State to forward copy to GA	18 months after completion of acquisition	Showing tape number, survey name, line number, shotpoint range, data type in ASCII format.
Processed Data						
Raw and final migrated data including PSDM / PSTM - if generated	Documentary	SEG-Y	One copy	One copy	18 months after completion of acquisition	Includes fully annotated EBCDIC header.
Final processed (grid) bin coordinates	Documentary	UKOOA 3D binning grids	One copy	One copy	18 months after completion of acquisition	To be completed using UKOOA P6/98 format.

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DATA REQUIRED	REPORT TYPE*	FORMAT	DATA FOR STATE/ TERRITORY	DATA FOR FEDERAL GOVT. (GA)	DATE FOR SUBMISSION (prior to or by)	REMARKS
Polygonal position data (Full Fold Outline for offshore; Full Fold Outline and Surface Outline for onshore)	Documentary	ASCII tab delimited	One copy	One copy	18 months after completion of acquisition	Listing major inflection points of a polygon describing the location of the survey providing survey name, polygon point, inline/crossline nomenclature, latitude and longitude.
Velocity data	Documentary	ASCII (Western Format)	One copy	One copy	18 months after completion of acquisition	Including bin number and time versus RMS velocity pair for both stacked and migrated velocities.
Itemised process tape listing	Documentary	ASCII	One copy	One copy	18 months after completion of acquisition	Showing tape number, survey name, inline and crosslines, cdps, data type.
Final Reports						
Final report (operations and navigation)	Documentary	PDF	One copy	One copy	18 months after completion of acquisition	Location map included. Operations and Navigation Reports can be supplied as separate volumes. Onboard processing and any retained outputs to be documented in report.
Final processing report including grid definition	Documentary	PDF	One copy	One copy	18 months after completion of acquisition	To include sample print out of SEGY EBCDIC header, 3D grid definition details used for loading SEGY into interpretation work stations and tape listings.
Final interpretation report	Derivative	PDF	One copy	One copy	18 months after completion of acquisition	
Digital images of interpretation maps	Derivative	TIF	One copy	One copy	18 months after completion of acquisition	These include TWT structure maps at key horizons and representative sections showing seismic horizon picks as Georeferenced TIF images.

TP: Transfer proposals to be sent to the Designated Authority for approval to submit. The DA will then instruct as to which address the data is to be sent.
 NOTE: South Australian Government also requires hard copies for all reports.

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Table 2: Daily, Weekly, Quarterly And Annual Reporting

DATA REQUIRED	REPORT TYPE**	FORMAT	DATA FOR STATE/ TERRITORY	DATA FOR FEDERAL GOVT. (GA)	DATE FOR SUBMISSION (prior to or by)	REMARKS
Weekly reports for surveys	Documentary	PDF	One copy	One copy	As soon as practicable after the end of the week to which the report relates	Must comply with Regulation 202 -- see section 13 of Guidelines. Emailed to designated address by DA.

SECTION 3 HOLDER'S AGREEMENT

The holder's agreement to this contract:

Name: Terry Walker
Title: Exploration Team Otway Basin
Company: Woodside Energy Ltd

Date:

18/1/08

Signature:



