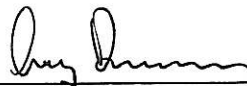



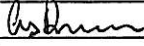
APACHE ENERGY LTD	VIC P/54 : Fur Seal-1	Doc No. DR-91-ZG-005
WELL OPERATIONS MANAGEMENT PLAN		

WELL OPERATIONS MANAGEMENT PLAN (WOMP)

Fur Seal-1

Permit : VIC P/54

DOCUMENT APPROVAL 

REV No	DATE	REVISION	APPROVALS		
			Originator	Reviewed By	Approval Authority
0	6/09/05	BASE DOCUMENT	OM	OM 	BMCE
					

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The Petroleum (Submerged Lands) (Management of Well Operations) Regulations 2004 require that a Well Operations Management Plan (WOMP), approved by the Designated Authority, is in place prior to undertaking work on a well in Commonwealth Waters.

The WOMP for Fur Seal-1 is comprised of the following documents:

Drilling Programme Fur Seal-1	DR-70-LD-003
Drilling Management Manual	AE-91-ID-001
Drilling Process Manual	AE-91-ID-002

The “Roadmap” below demonstrates which parts of the Apache Well Management System Drilling (WMSD) fulfil the requirements of the Regulations during drilling, testing, completions, workover and abandonment operations.

Regulation 6	WMSD
(1) A well operations management plan must: (a) comply with the Act and these Regulations; and	AE-91-ID-001 Drilling Management Manual Section 3.2.1, Petroleum (Submerged Lands) Act
(b) be appropriate for the nature and scale of the well activity; and	AE-91-ID-002 Drilling Process Manual Section 2, Well Planning and Engineering Task 2, Receive Well Design Criteria Task 3, Prepare Drilling Programme
(c) show that the risks identified by the titleholder in relation to the well activity will be managed in accordance with sound engineering principles, standards, specifications and good oil-field practice.	AE-91-ID-001 Drilling Management Manual Section 3.2.4, Environmental Legislation Section 4.3.5, Risk Management Appendix 1, Drilling Department Risk Management Policy AE-91-ID-002 Drilling Process Manual Section 2, Well Planning and Engineering Task 3, Prepare Drilling Programme Section 8, Risk Management
(2) The well operations management plan must include the following material, unless the Designated Authority has given the titleholder permission, in writing, not to include material specified in the permission: (a) information about the conduct of the well activity;	AE-91-ID-001 Drilling Management Manual Section 4, The Well Management System Drilling Section 5, Process Description AE-91-ID-002 Drilling Process Manual Section 2, Well Planning and Engineering

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Regulation 6	WMSD
<p>(b) an explanation of:</p> <p>(i) the philosophy of, and criteria for, the design, construction, operational activity and management of the well; and</p> <p>(ii) the possible production activities of the well;</p> <p>showing that the well activity, and all associated operational work, will be carried out in accordance with good oil-field practice;</p>	<p>AE-91-ID-002 Drilling Process Manual</p> <p>Section 2, Well Planning and Engineering</p> <p>Task 2, Receive Well Design Criteria</p> <p>Task 3, Prepare Drilling Programme</p> <p>Task 4, Prepare Bridging Document and Site Specific Procedures</p> <p>Task 10, Prepare Testing Programme</p> <p>Task 11, Prepare Abandonment and Suspension Programme</p> <p>Task 12, Prepare Completions or Workover Programme</p> <p>Section 3, Operations Management</p> <p>Task 1, Supervise Ongoing Operations</p> <p>Task 4, Prepare Internal Management Update</p> <p>Task 6, Conduct Morning and Afternoon Calls</p> <p>Task 7, Participate in MODU Morning Meeting</p> <p>Task 8, Conduct Drilling Morning Meeting</p> <p>AE-91-ID-004 Drilling Standards Manual</p> <p>All sections</p>
<p>(c) performance objectives against which the performance of the well activity is to be measured;</p> <p>(d) measurement criteria that define the performance objectives;</p>	<p>AE-91-ID-002 Drilling Process Manual</p> <p>Section 2, Well Planning and Engineering</p> <p>Task 2, Receive Well Design Criteria</p> <p>Task 3, Prepare Drilling Programme</p> <p>Section 13, Performance Management</p> <p>Task 1, Set, Track and Report KPIs</p> <p>Task 2, Benchmarking</p> <p>Task 3, Pacesetter Wells vs Predicted/Planned</p> <p>Task 4, Quarterly Performance Report</p>
<p>(e) an explanation of how the titleholder will deal with:</p> <p>(i) a well integrity hazard; or</p>	<p>AE-91-ID-002 Drilling & Completions Process Manual</p> <p>Section 3, Operations Management</p> <p>Task 1, Supervise Ongoing Operations</p>
<p>(ii) a significant increase in an existing risk in relation to the well;</p> <p>including the possibility of continuing an activity for the purpose of dealing with the well integrity hazard or the risk;</p>	<p>AE-91-ID-002 Drilling Process Manual</p> <p>Section 7, Change Management</p> <p>Task 1, Identify Requirements for Change</p> <p>Task 2, Assess Impact of Proposed Change</p> <p>Task 3, Design Drilling Programme Procedure Amendment</p> <p>Task 4, Approve Drilling Programme Procedure Amendment</p> <p>Task 5, Distribute Drilling Programme Amendment</p>

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Regulation 6	WMSD
<p>(f) details of when and how the titleholder will notify the Designated Authority, and give reports and information, about:</p> <p>(i) the well activity; and</p> <p>(ii) well integrity hazards; and</p> <p>(iii) significant increases in existing risks in relation to the well; and</p> <p>(iv) other matters relevant to the conduct of the well activity;</p>	<p>AE-91-ID-001 Drilling Management Manual Section 3.1.3, Company Procedures</p> <p>AE-91-ID-002 Drilling Process Manual Section 2, Well Planning and Engineering Task 3, Prepare Drilling Programme Task 4, Prepare Bridging Document and Site Specific Procedures Task 7, Confirm Approval to Drill Granted Task 8, Notification of MODU Move Task 10, Prepare Testing Programme Task 11, Prepare Abandonment and Suspension Programme Task 12, Prepare Completions or Workover Programme</p> <p>Section 3, Operations Management Task 3, Update And Review DIMS Data Task 12, Conduct Test</p> <p>Section 6, HSE Management Task 2, HSE Reporting Task 6, HSE Meetings</p> <p>Section 7, Change Management Task 4, Approve Drilling Programme Procedure Amendment</p> <p>Section 10 Contractor Mobilisation and Demobilisation Task 1, Contractor Mobilisation Task 2, Contractor Demobilisation</p> <p>Appendix 1, Approvals and Advisory Requirements</p>
<p>(g) an explanation of the way in which the titleholder will keep information required by the well operations management plan.</p>	<p>AE-91-ID-002 Drilling Process Manual Section 4, Improvement and Knowledge Management Task 1, Prepare Wellfiles</p>