

**HUNT ENERGY & MINERAL CO – AUSTRALIA PTY LTD
ONSHORE DRILLING EMERGENCY RESPONSE PLAN**

**SECTION 4.0
EMERGENCY SERVICES**

4.0 EMERGENCY SERVICES

The Emergency Services include:

Fire Brigade, Police, Ambulance, Medical Services, SES and Environmental Control Authorities, Mineral Resources Tasmania & other government agencies as necessary.

The relevant service(s) will be notified in the event of an emergency situation that cannot be controlled, or is not immediately controlled by the facilities on site.

These emergency services would normally be co-ordinated by the ERG, but in situations where immediate actions are required, these services may be contacted directly by the Drilling Supervisor.

Contact numbers are attached in the **Directory - Section 7.0**.

4.1 FIRE BRIGADE / SES

On instruction from the Drilling Supervisor the SCO will notify the Fire Brigade / SES or other available services of the emergency situation.

On receipt of notification of an emergency, the Fire Brigade / SES or other relevant organisation will send appropriate services to the well site.

The Drilling Supervisor will ensure the attending services are fully informed of the situation, ie the nature and extent of the situation and also the exact location of the well site.

4.2 POLICE

On the instructions from the Drilling Supervisor the Police will be notified by the SCO of the emergency and will send appropriate services to the well site.

The Drilling Supervisor will ensure the Police are fully informed of the situation and also the exact location of the well site.

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Section 4. Page 1 of 2 EMERGENCY SERVICES

Revised 04/05/06
Updated 02/01/08

**HUNT ENERGY & MINERAL CO – AUSTRALIA PTY LTD
ONSHORE DRILLING EMERGENCY RESPONSE PLAN**

**SECTION 4.0
EMERGENCY SERVICES**

4.3 AMBULANCE & MEDICAL SERVICES

On instruction from the Drilling Supervisor the Ambulance Service will be notified by the SCO of the emergency and will send, if requested, appropriate services to the well site.

The SCO will notify the Ambulance Services of the extent and requirement for emergency services. The Ambulance Services will notify the Royal Flying Doctor Service and relevant hospital(s) as required.

The Drilling Supervisor will ensure that the Ambulance/Medical Services are fully informed of the situation and exact location of the well site.

The relevant hospital will be notified by the SCO of the number and type of injuries to be expected.

Sections 2.6 and 2.7 should be referred to in the case of medical evacuation.

4.4 MINERAL RESOURCES TASMANIA

MRT will need to be contacted in any situation where serious injury or a fatality has occurred at the rig site. They also need to be contacted in the event of serious fire, explosion, major chemical spill, loss of well control, major equipment failure or other traumatic events.

Emergency Contact numbers are attached in the Directory –

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Section 4. Page 2 of 2 EMERGENCY SERVICES

Revised 04/05/06
Updated 02/01/08

**HUNT ENERGY & MINERAL CO-AUSTRALIA PTY LTD
ONSHORE DRILLING EMERGENCY RESPONSE PLAN****SECTION 5.0****5.0 STATE AUTHORITIES AND LOCAL COUNCILS****5.1 SOUTH AUST - PRIMARY INDUSTRIES & RESOURCES S.A.
- WORKPLACE SERVICES.**

The Department will be immediately notified of an emergency situation involving a major escape of hydrocarbons with or without fire, or any other significant emergency including death or serious injury to personnel and significant damage to plant or equipment. The General Manager (Operator), in liaison with Hunt Energy management (as required), will notify the Department of an emergency in accordance with the Emergency Response Reporting Procedure, as required under the Petroleum Act and Regulations.

(See Emergency contact list in Section 7.0)

5.2 VICTORIA – DEPT OF PRIMARY INDUSTRIES

The same procedure will apply as above.

5.3 WESTERN AUST – DEPARTMENT OF MINERALS & ENERGY.

The same procedure will apply as above

5.4 QUEENSLAND – DEPARTMENT OF NATURAL RESOURCES & MINES

The same procedure will apply as above

5.5 TASMANIA – MINERAL RESOURCES TASMANIA

The same procedure will apply as above

5.6 LOCAL COUNCIL

The Shire Council will be immediately notified and kept updated of any emergency situation that may directly involve the local community.

5.7 POLICE

In the event of a serious injury or death, the local Police **MUST** be contacted and given all the required details for them to put their attendance plan into operation. The accident scene will be left **undisturbed** until authorisation is issued by police.

In case of an emergency, **section 4.2** is to be followed and contacts listing **section 7.0** reviewed.

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Section 5. Page 1 of 1 STATE AUTHORITIES

Revised 04/05/06
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HUNT ENERGY & MINERAL CO – AUSTRALIA PTY LTD ONSHORE DRILLING EMERGENCY RESPONSE PLAN

DIRECTORY OF ORGANISATIONS AND PERSONNEL

SECTION 6.0

6.0 DIRECTORY OF ORGANISATIONS AND PERSONNEL

Hunt Energy & Mineral Co –Australia Pty Ltd

6.1 Well Site

Rig #2

Rig #3

Rig main phone	08 81218950
Satellite Phone	0145 116 918 / 0145 124796
Satellite fax	0145 216 918 / 0145 224796
CDMA Mob:	0428 891 029 / 0427 798 430
Camp Mob:	0427 163 884 / 0438 375 306

6.2 Adelaide Office

Address:	15 Scarborough Way Lonsdale SA 5160
Telephone:	(08) 8322 7511
Fax no:	(08) 8322 7533
After Hours:	0418 806 281 (Larry Werecky – Managing Director) 0429 838 202 (Chris Brown – Operations Manager)
Email:	huntenergy@huntenergy.com.au

6.3 Directory of Personel

Larry Werecky	Managing Director	Mobile 0418 806 281 (all hours) Email: larrywerecky@bigpond.com
Christopher Brown	Operations Manager	Mobile 0429 838 202 (all hours)
Joe Ortuso	Materials /Logistics Manager	
Ken Mee	Safety Manager	
Ian Thomas	Personnel & Training.	
Jill Calder	Accounts / Payroll	

6.4 State Authorities

Mineral Resources of Tasmania	(03) 6233 8326
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6.5 GSLM contact

Duncan New	Drilling Manager	Office	(03) 6231 9339
		Mob.	0402 344 674

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**HUNT ENERGY & MINERAL CO – AUSTRALIA PTY LTD
ONSHORE DRILLING EMERGENCY RESPONSE PLAN**

SECTION 7.0

7.0 'M' EMERGENCY CONTACT NUMBERS – TASMANIAN OPERATIONS

RIG LOCATION DIRECTIONS: 'GREEN RISES ROAD'

7.1 EMERGENCY SERVICES CONTACT NUMBERS

POLICE, AMBULANCE EMERGENCY

CALL 000

POLICE:

Attendance 131444

Launceston

Office (24hrs) (03) 6336 3701

Cimiterre St. Launceston TAS. 7250

Cressy (Nearest Police to Bracknell #1)

(03) 6397 5010

84 Main Rd, Cressy TAS. 7302

HOSPITALS:

Launceston General Hospital

Enquiries (03) 6348 7111

287 – 291 Charles St. Launceston 7250

Longford Medical Services

Enquiries (03) 6391 1170

Cnr Smith & George Streets, Longford 7301

Royal Hobart Hospital

Enquiries (03) 6222 8308

48 Liverpool St, Hobart 7000

7.2 STATE FIRE SERVICES

EMERGENCY CALL 000

Tasmanian Fire Service Launceston

(03) 6336 5633

State Emergency Services Launceston

(03) 6230 2707

Bracknell Fire Station (volunteers)

(03) 6397 3671

7.3 DRILLING CONTRACTOR CONTACTS

Hunt Energy

Mr Larry Werecky (MD)

0418 806 281

Christopher Brown (Ops)

0429 838 202

Adelaide Office

(08) 8322 7511

7.4 STATE AUTHORITY

Mineral Resources Tasmania

Carol Bacon

Managing Geologist

(03) 6233 8326

John Pemberton

Senior Geologist

(03) 6233 8371

Wojciech Grun

Mining Engineer

(03) 6233 8320

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**HUNT ENERGY & MINERAL CO – AUSTRALIA PTY LTD
ONSHORE DRILLING EMERGENCY RESPONSE PLAN**

SECTION 7.0

7.5 POISONS INFORMATION CENTRE

Australia wide

131126

7.6 WELL CONTROL SPECIALIST

Alert Disaster Control

+65 6545 5088

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Appendix 4: Hunt Energy Environmental Incident Procedure

HUNT ENERGY & MINERAL CO. AUST PTY LTD

ENVIRONMENTAL POLICY

Hunt Energy is committed to the preservation of the environment and will conduct all operations and activities with environmental protection as a prime objective. Hunt Energy will follow guidelines as set down by the Environmental Protection Authority and relevant industry standards. In particular, Hunt Energy will:

Ensure that all employees and contractors are aware of their responsibilities for environmental protection through induction to this policy and customer requirements. In addition, Hunt Energy will:

- Minimise the possibility of pollution to soil water or air, caused by spills of solids, liquids or the emission of gas, by following sound principals of Risk Management. In the event of a spill occurring, immediately follow the principles of contain, control and cleanup, to minimise damage to the environment.
- Manage the transportation, storage and handling of Hazardous Substances and Dangerous Goods in line with the relevant state Regulations.
- Minimise damage to flora and fauna as a result of rig operations and use of heavy equipment, by forward planning and efficient utilisation of such equipment, particularly in relation to prevailing weather conditions.
- Avoid disturbing natural or historical sites, as an ongoing commitment to protection of Aboriginal & European Cultural Heritage.
- Assist through careful rig down & moving operations, with the rehabilitation of the rig site and adjoining areas on completion of the drilling program, to preserve the natural habitat for other land users.

Hunt Energy & Mineral Co.- Aust. Pty Ltd is committed to its endeavor of being a responsible environmental corporate citizen.

L. Werecky
Managing Director

**HUNT ENERGY & MINERAL CO AUSTRALIA PTY LTD
ONSHORE DRILLING OPERATIONS & SAFETY MANUAL****SECTION 13****13.2 ENVIRONMENTAL PRINCIPLES & PROCEDURES.**

Hunt Energy understands the requirement to adopt sound environmental practices in all of its operations to protect both its own and customer interests. Hunt Energy states its overall commitment to the protection of the environment in their Environment & Waste Management Policies, which are displayed on noticeboards at Rig locations & the Adelaide office. The following principles and procedures outline the more specific actions.

Guidelines:

Hunt Energy realises that the performance of its employees and their correct utilisation & maintenance of rig equipment sets the standard for environmental protection. Hunt will actively encourage staff to participate in ongoing development & implementation of its environmental program.

Hunt Energy will undertake to participate in any client sponsored environmental programs relevant to Company operations, subject to personnel availability. They will also ensure that contract personnel working on Hunt Energy locations abide by environmental protection standards. In particular they will continue to:

- Comply with relevant State & Federal legislation and applicable Codes of Practice
- Identify environmental risks and apply sound management strategies.
- Understand the necessity to protect culturally significant sites & artefacts, and advise client management if such sites or items are discovered.
- Ensure that staff is informed of Hunt Energy strategies and policy in regard to environmental management and cultural heritage preservation.
- Review existing work procedures and make changes as applicable.
- Minimise the use of fossil fuels through efficient equipment operation & maintenance programs.

Campsites:

Campsites should be located adjacent to existing tracks or roads to limit requirements for additional clearing.

Naturally clear areas should be used for campsites. Where clearance is unavoidable, the area cleared should be kept to a minimum. Large established trees should not be removed where at all possible.

Topsoil and cleared vegetation should be stockpiled for reuse during site restoration.

Any spills of contaminating product around the camp must be contained, controlled and cleaned up. Special precautions must be taken in the area of camp generators and any such spill incident recorded using the Accident/Incident report form.

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Section 13.2- Page 1 of 3 ENVIRONMENTAL PROTECTION

Updated 25/05/06
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**HUNT ENERGY & MINERAL CO AUSTRALIA PTY LTD
ONSHORE DRILLING OPERATIONS & SAFETY MANUAL****SECTION 13****Rig site:**

Although some of the following issues are the direct responsibility of the Operator, Hunt Energy will work closely with them to ensure that the lease is maintained in accordance with the applicable Regulations, & left in an appropriately clean state.

Flare pits must be sited on the lease as far as possible from native vegetation, and clear of access roads. A suitably high bank must be constructed at the rear of the pit to contain returned product and flare-off. Permits should be received from local councils where appropriate before flaring is undertaken.

Where compaction or minor oil spillage has occurred, the ground should be ripped to a depth of 500mm at completion of the well program, as part of ground restoration.

Mud products must be stored in a designated area and maintained in an orderly state on pallets. These products must be kept suitably covered with plastic to prevent degeneration & scattering from the effects of sun, wind & rain, and an MSDS register maintained on site.

Low toxicity chemicals should be used whenever possible to minimise damage to the environment & limit exposure hazards.

- Access to and from the Rig lease and Camp area should be restricted to designated roads in order to minimise damage to flora & fauna. Speed limits must be restricted in these areas for the same reason.

Reporting:

Reporting of all environmental incidents to a Hunt Energy Rig Manager is mandatory.

Employees will be supplied with and trained in the use of the Hunt Energy Accident/ Incident Report forms. They will also be encouraged to use the 'Hazid' forms to identify 'potential' for environmental incidents.

Hunt Energy Management will record the details as per Hunt reporting /recording procedures and relay the information as soon as possible to the client.

Incidents of a serious nature, which are beyond the resources of Hunt will be reported to the client immediately, along with a request for assistance.

A request of this nature will generally come from the Hunt Energy Rig Manager.

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**HUNT ENERGY & MINERAL CO AUSTRALIA PTY LTD
ONSHORE DRILLING OPERATIONS & SAFETY MANUAL****SECTION 13****Auditing:**

Hunt Energy will conduct audits of the wellsite and camp at each location, or monthly, whichever is the shorter period, using **Form 6** in the Onshore Drilling Operations & Safety Manual.

Copy of the audit results will be reviewed by the Rig Manager and forwarded to the Adelaide office for inclusion as an agenda item in management Safety Committee Meetings.

Non-compliance with Hunt Environment or Waste Management Policy will require immediate remedial action. The Safety Manager will also conduct compliance audits from time to time during rig visits to ensure that Hunt Energy expectations on environmental protection are maintained.

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SECTION 13.3

HUNT ENERGY & MINERAL CO AUSTRALIA PTY LTD

ENVIRONMENTAL AUDITRIG SITE

Location: _____

Operator: _____

Rig No: _____

YES

NO

1) HAVE ADEQUATE DRAINS BEEN PROVIDED AROUND RIG BASE

☐☐

.....

2) ARE DRAINS CLEAR OF DEBRIS

☐☐

.....

3) IS DRAINAGE EFFECTIVE TO HOLDING PITS

☐☐

.....

4) RIG PUMP AREA FREE OF SPILLS

☐☐

.....

5) RIG MOTOR AREA CLEAN & FREE OF OIL SPILLS, WASTE CONTAINERS & RUBBISH

☐☐

.....

OIL STORAGE AREA

6) CLEAN FLOOR, DRY & VOID OF SLIP HAZARDS

☐☐

.....

7) OIL DRIP TRAYS IN PLACE? NOT OVERFLOWING

☐☐

.....

8) IS AN EFFECTIVE CLEANUP METHOD USED

☐☐

.....

9) ARE CONTAINERS LABELLED & SEALED

☐☐

.....

10) OILY RAGS & RUBBISH PLACED IN COVERED BINS

☐☐

SECTION 13.3

HUNT ENERGY & MINERAL CO AUSTRALIA PTY LTD
ENVIRONMENTAL AUDIT
MECHANIC SHACK

YES NO

- 11) CLEAN & TIDY (NO OIL OR GREASE ON FLOORS OR BENCHES)

☐ ☐

- 12) EMPTY GREASE CONTAINERS & OILY RAGS - PLACED IN COVERED BIN

☐ ☐

- 13) PARTS & EQUIPMENT STORAGE CLEAN & TIDY

☐ ☐

- 14) a) PRODUCT CONTAINERS SUITABLY LABELLED & STORED

☐ ☐

- b) PROVISION FOR CONTAINMENT / CLEAN UP OF SPILLS

☐ ☐
LEASE AREA

- 15) a) IS THERE SUITABLE STORAGE FOR DIESEL ON SITE

☐ ☐

- b) SOIL AROUND TANKS CLEAR OF SPILLS

☐ ☐

- 16) APPROPRIATE DRAINAGE / BUND TO CONTROL SPILLS

☐ ☐

- 17) CHEMICAL STORAGE AREAS WELL DEFINED & SEGREGATED

☐ ☐

- 18) ALL PRODUCTS SUITABLY PROTECTED FROM WEATHER

☐ ☐

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 Updated 25/05/06
 Reviewed 02/01/08
FORM 6

SECTION 13.3

**HUNT ENERGY & MINERAL CO AUSTRALIA PTY LTD
ENVIRONMENTAL AUDIT**

.....

19) MSDS INFORMATION AVAILABLE & LABELS IN GOOD CONDITION

☐ ☐

.....

20) MIXING HOPPER AREA CLEAN & TIDY

☐ ☐**SUMPS & PITS**

.....

21) PIT LINERS USED IN SUMP FOR HOLE CUTTINGS

☐ ☐

.....

22) PLASTIC LINER USED BETWEEN SHALE SHAKER TANK & SUMP

☐ ☐

.....

23) TURKEY NEST LINED

☐ ☐

.....

24) FLARE PIT CONSTRUCTED WITH EARTH BANK OF SUITABLE HEIGHT

☐ ☐

.....

25) RIG SITE SHACKS HAVE COVERED SUMPS FOR EFFLUENT

☐ ☐

.....

26) RIG SITE SHACKS HAVE SUITABLE SUMP FOR GREY WATER

☐ ☐

.....

27) PROVISIONS MADE TO BACKFILL SUMPS TO APPROPRIATE DEPTH

☐ ☐**RIG CAMP**

.....

28) DOES THE CAMP HAVE A SUITABLE WASTE SKIP / WASTE PIT

☐ ☐

.....

29) DOES CAMP HAVE A SUITABLE VERMIN CONTROL PROCEDURE?

☐ ☐

.....

30) IS GENERAL WASTE FROM LIVING QUARTERS COLLECTED & REMOVED

☐ ☐

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Updated 25/05/06

Reviewed 02/01/08

FORM 6

SECTION 13.3

HUNT ENERGY & MINERAL CO AUSTRALIA PTY LTD
ENVIRONMENTAL AUDIT

-
- 31) KITCHEN SCRAPS, OIL & FAT SUITABLE DISPOSED OF IN LINE WITH ENVIRONMENTAL PRACTICES ☐ ☐
-
- 32) a) DOES THE CAMP HAVE COVERED SUMP SYSTEM FOR EFFLUENT ☐ ☐
-
- b) IS IT SUITABLY PLACED TO AVOID FLOODING IN WET WEATHER ☐ ☐
-
- 33) DOES THE CAMP HAVE A SUITABLE SUMP FOR GREY WATER FROM THE ABLUTION BLOCK, LAUNDRY & KITCHEN ☐ ☐
-
- 34) IS THE AREA AROUND THE CAMP CLEAN & TIDY (FREE OF WASTE PAPER, CANS, BOTTLES & PLASTIC) ☐ ☐
-
- 35) ARE ENTRY & EXIT ROADS TO THE CAMP DEFINED TO LIMIT DAMAGE TO FLORA & FAUNA ☐ ☐
-
- 36) ARE NO SMOKING AREAS DEFINED ☐ ☐
-
- 37) IS THERE SUITABLE DRAINAGE AROUND CAMP FOR WET WEATHER CONDITIONS ☐ ☐
-
- 38) ARE THERE CONTROL PROCEDURES TO MINIMISE DUST ☐ ☐
-

OTHER COMMENTS

AUDITOR..... SIGNED..... DATE:.....

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Updated 25/05/06
Reviewed 02/01/08**FORM 6**