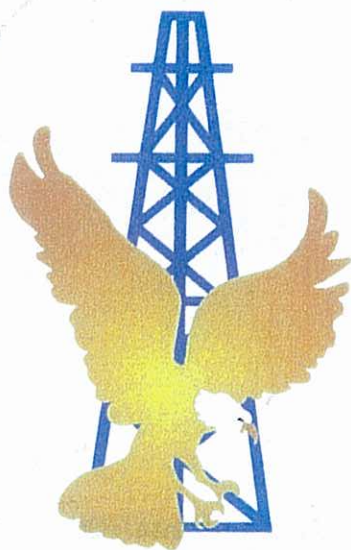


2008

# SEL 13/98 Annual Report



Great South Land  
Minerals Limited

Great South Land Minerals

August 2008

GREAT SOUTH LAND MINERALS LTD  
ANNUAL REPORT 2008

VOLUME 4 OF 5

**Great South Land Minerals**

**SEL 13/98**

**Annual Report**

**August, 2008**

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# **Drilling**

**-Bellevue**

**-Thunderbolt**





**Great South Land**  
Minerals Limited

Great South Land Minerals Limited ABN 54 068 650 386

**BRIDGING**  
**EMERGENCY RESPONSE PLAN**  
**(DRILLING)**

**BELLEVUE 1**

**SEL 13-98**

**TASMANIA**

**2008**

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## 1 GLOSSARY AND DEFINITIONS

DA	Designated Authorities. The Government Agencies responsible for the administration of the relevant Acts in Tasmania
Drilling Contractor	The owner and operator of the Drilling & Completion Rig. In this case: Hunt Energy Pty Ltd..
Drilling Program	GSLM's written directions for the drilling and completion of the well.
GSLM	Great South Land Minerals Limited (License holder and operator)
ERP	Emergency Response Plan The well or operation specific plan to assist Operator's supervisory personnel in their response to an emergency situation that may arise from, or affect, drilling/completion operations. This plan is to be used in conjunction with the Drilling Contractor's HS&E Manual.  Also referred to as Emergency Response or Contingency Manual
ERT	Emergency Response Team The Operator and Drilling Contractor management personnel assigned to develop an emergency response strategy and to carry out response actions in accordance with the Emergency Response Plan and Drilling Contractor's HS&E Manual.
JSA	Job Safety Analysis
License	Government license issued under Mineral Resources Development act giving the holder the right to explore for and develop oil and gas in Tasmania.
Location	The site at which the well is to be drilled.
Operator	Great South Land Minerals Limited the company which holds the license to explore for hydrocarbon accumulations in the Lease area. Or, in a lease area in which one or more companies hold or are earning an interest; the company designated as responsible for the operations.
PIC	Person in Charge; GSLM's Drilling and Completion Supervisor, the person on the wellsite with ultimate responsibility for - <ul style="list-style-type: none"> <li>▪ The safety, health and welfare of those working at the wellsite.</li> <li>▪ The conduct of the well drilling &amp; completion operations.</li> <li>▪ Safeguarding the well and the environment.</li> </ul>
MRT	Mineral Resources of Tasmania. The primary regulatory authority for this well.
RFDS	Royal Flying Doctor Service
SAR	Search and Rescue.

**Site** The Drilling, Well and areas around the rig where drilling equipment is sited or drilling/completion related operations are carried out.

Also referred to as the lease or wellsite.

## **2.0 DOCUMENT HANDLING**

### **2.1 Document Distribution**

1. GSLM - Drilling Manager
2. GSLM – Drilling Superintendent
3. GSLM – Drilling Supervisor
4. GSLM – Management Team

### **HUNT ENERGY**

5. Contractor Field Manager
6. Area Manager

### **REGULATORY AUTHORITY**

7. Mineral Resources Tasmania

### **2.2 Document Control**

This Bridging ERP is a "controlled document". Should the recipient (user) become aware of any changes or corrections that are required, please contact:

Mr. Duncan New: Drilling Manager..... 03 6231 9625

### **2.3 Document Approval**

This Bridging ERP has been reviewed by GSLM and Hunt Energy and it is agreed:

- The drilling presents no high or unacceptable risks either to the safety of personnel associated with project or the environment.
- No new, unique or increased hazards were identified for the campaign;
- The HSE policies and management systems have been jointly reviewed and no fundamental conflicts were found to exist.

This Bridging ERP is approved for the GSLM Bellevue 1 well to be drilled in 2008.

GSLM:

D. Weel

Drilling Manager

DUNCAN NEEL

4 JULY 2008

Date:

HUNT ENERGY:

CSB  
OPERATIONS MANAGER

CHRISTOPHER BROWN

14 7 08

Date:



### 3. SITE SPECIFIC INFORMATION

#### 3.1 Well and Emergency Response Details

##### WELL DETAILS

Operator:	<b><i>GSLM Limited</i></b>
Permit Area:	<b><i>SEL 13-98</i></b>
Name of Designated Authority:	<b><i>MRT</i></b>
Initial Authority for Oil Spills:	<b><i>MRT</i></b>
Applicable Oil Spill Plan:	<b><i>Hunt Energy Oil Spill Contingency Plan</i></b>
Bellevue 1 Details:	<b><i>Northing: 5,338,600, Easting: 469,830</i></b>
Depth and Drilling Time of Well:	<b><i>2600m MDRT / 37 days + rig move</i></b>
Type of Well:	<b><i>Oil and Gas Exploration</i></b>
Estimated Spud Date:	<b><i>September, 2008</i></b>

##### EMERGENCY MANAGEMENT

Emergency Services:	Phone 000
Operations Base:	Hobart
Emergency Management:	Emergency Services / GSLM / Forestry Commission
Name of Drlg Manager:	Duncan New
Name of Drlg Supervisor / PIC:	TBA
Forestry Tasmania:	Robin Hutchings

##### DRILLING CONTRACTOR

Drilling Contractor:	<b><i>Hunt Energy</i></b>
Name of Rig Manager:	TBA
Name of the Rig:	Hunt Energy Rig #3

##### LOGISTICS

Logistics Base:	Hobart
Logistics Coordinator:	Duncan New
Aviation Base:	Launceston and Hobart
Transport Contractor:	ITAC

##### MEDICAL ARRANGEMENTS

Preliminary Treatment:	Qualified First Aider / Ambulance Paramedic
Nominated Hospital:	Royal Hobart Hospital, Hobart (Ph 03 6222 8308)
Secondary Hospital:	Launceston General Hospital, Launceston (Ph 03 6348 7111)
Medivac Provider:	Emergency services (ambulance). Ph 000

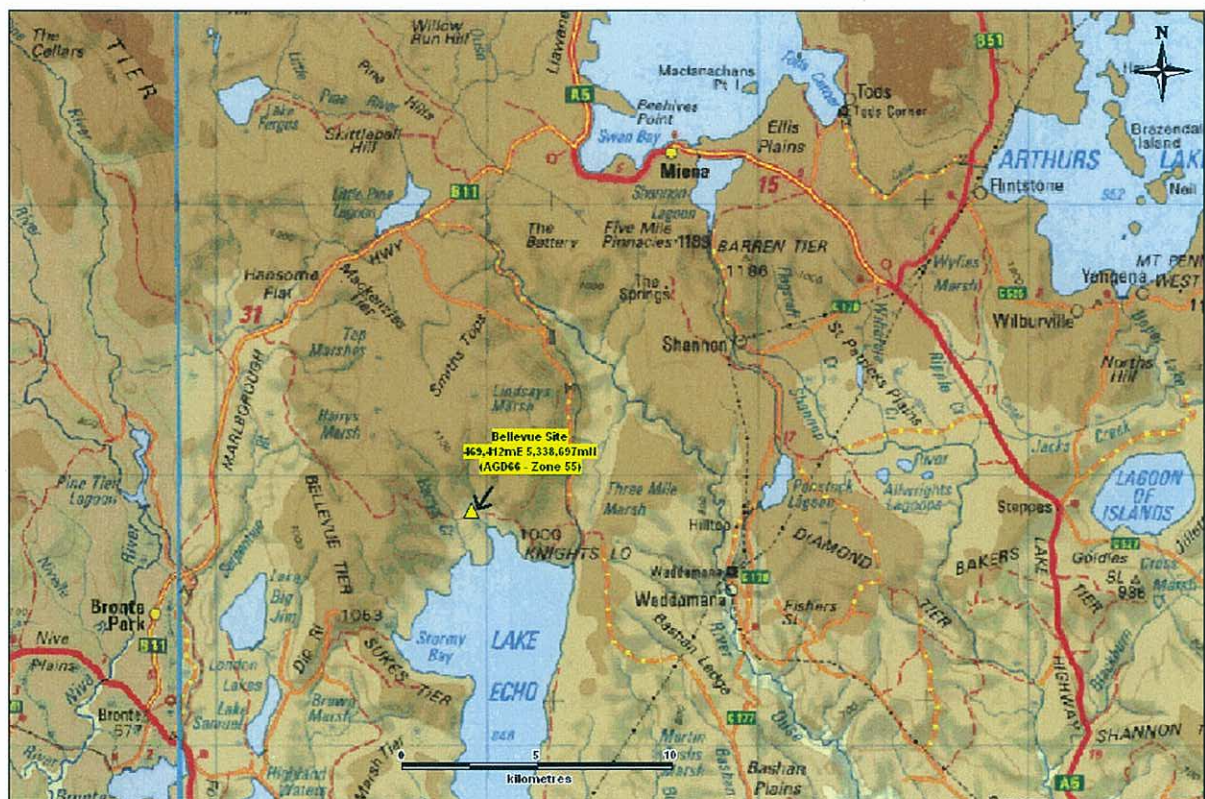
## FIRE SERVICES

Tasmanian Fire Service **Head Office** PH: (03) 6230 8600

## WELL CONTROL

Well Control Specialist: Alert Disaster Control (Ph 03 8361 6526)

## LOCATION MAPS







## **4. BRIDGING DOCUMENT OVERVIEW**

### **4.1 Project Overview**

GSLM propose to drill Bellevue 1 as an oil/gas exploration well to a depth of approximately 2600m in SEL 13-98, using Hunt Energy Rig #3. 17 1/2" surface hole will be drilled to 300m and 13 3/8" surface casing run and cemented. 12 1/4" intermediate hole will be drilled to approximately 1300m and the hole evaluated with wireline logs and DST's (if required) 9 5/8" intermediate casing will then be run and cemented. 8 1/2" production hole will then be drilled to 2600m and the hole evaluated with wireline logs and drillstem tests as required. The well will then be cased and suspended or plugged and abandoned.

### **4.2 Responsibilities**

In any emergency situation on a drilling location or while moving to/from the location there are shared responsibilities between GSLM and Hunt Energy (see Fig 1 below) and these responsibilities need to be clearly defined and understood by all parties to avoid any confusion or delays during an emergency.

GSLM has overall responsibility for the drilling operation conducted on its behalf and for conformance to the requirements of Mineral Resources Development Act 1995 of Tasmania.

These responsibilities extend to ensuring good environmental management and the respect and preservation of any areas of cultural and Native Title importance. These responsibilities are in addition to the normal corporate responsibilities for employees and the public.

Hunt Energy also has similar corporate responsibilities as above, with direct responsibilities for their personnel and equipment associated with the drilling operation.

As both GSLM and Hunt Energy have similar HSE Systems and Emergency Response Plan's in place, it is necessary to clarify any areas of overlap or possible confusion between the two sets of documentation and to clearly define the rolls and responsibilities of each organisation.

Hunt Energy Emergency Response Plan forms part of this Site Specific Bridging Emergency Response Plan and will be used in conjunction with the GSLM Emergency Response Plan.

### **4.3 Objectives**

The objective of this Bridging Emergency Response Plan is to demonstrate that the HSE and Emergency Management systems covering all mobilization, wellsite and demobilization operations are clearly stated, resulting in the safe drilling of Backnell 1 in SEL 13-98.

It is the intention of GSLM and Hunt Energy, to have a clear demarcation of HSE and emergency management interfaces and to ensure there is no uncertainty as to roles, responsibilities, organizational structure, management of safety, operating procedures and reporting structure.

### **4.4 Scope**

This Bridging Emergency Response Plan encompasses all HSE, drilling and associated operations to be conducted in 2008 at the Bellevue 1 location.

### **4.5 Method**

The process for developing this Bridging Document is summarised as follows:



- HSE System Manual and Emergency Response Plan (ERP) review;
- Review of the Hunt Energy HSE Management System and ERP;
- Review of Hunt Energy Rig #3 Facility Description and Fit For Purpose Documentation;
- Definition of the Hunt Energy HSE management system elements to be used and relevant system interfaces;
- Review of the Hunt Energy Hazard Register for applicability to the Campaign.

## **5 HSE ROLLS AND RESPONSIBILITIES**

### **5.1 Site Person in Charge (PIC)**

The Drilling Supervisor is the designated Person in Charge of the operation in an emergency situation. Hunt Energy Rig Manager will continue to direct rig and camp personnel with respect to normal operations.

Should the Drilling Supervisor be incapacitated, injured or unable to adequately perform the required duties, Hunt Energy Rig Manager shall assume the responsibilities of the PIC until GSLM has positioned a replacement supervisor on site.

The Drilling Supervisor should not operate any of the drilling contractor's plant or equipment and where practical should relay all his instructions, in writing, via the drilling contractor's site manager.

### **5.2 Compatibility of HSE Policies**

Both GSLM and Hunt Energy have compatible HSE Policies in place.

Crew / personnel inductions, toolbox meetings and PTW System procedures can be conducted by both GSLM and Hunt Energy personnel without confusion of content or responsibility. The Hunt Energy rig manager will normally be responsible for giving inductions etc to Century personnel and the GSLM drilling supervisor all 3<sup>rd</sup> party contractors.

### **5.3 HSE Procedures**

Hunt Energy HSE Procedures will be deferred to in respect to all HSE activities including Permit To Work (PTW), Job Safety Analysis (JSA), Hazard Identification, Risk Assessment and Accident / Incident Reporting.

Hunt Energy Drug and Alcohol policies will also apply, as a minimum standard, to ALL personnel on location, including GSLM and third party contractors.

### **5.4 Well Control**

The Hunt Energy Well Control Procedure will initially be implemented by the Hunt Energy Rig Manager / Driller with subsequent input / calculation and direction from the GSLM drilling supervisor and Hunt Energy rig crews who have been trained and where appropriate accreditation in accordance with Hunt Energy well control procedures. This training and accreditation regime will not be varied. The GSLM drilling supervisor will be the designated Person in Charge of all well control incidents.

Alert Disaster Control can mobilise well control equipment and personnel if required.

## **5.5 Safety Issues / Muster Stations / Emergency Response**

Hunt Energy Emergency Response Procedures will be deferred to in respect to muster stations and responses required to emergencies on-site. Hunt Energy emergency flow charts are included within the Contractor HSE Manual – ERP of the Site Specific ERP.

The flow charts incorporated within the ERP are to be used as a guide and reminder by the GSLM Drilling Supervisor to ensure all the necessary procedures and checks are carried out to GSLM requirements. The ERP details the emergency organisation and responsibilities of the Adelaide Emergency Response Team (ERT) and its support mechanisms to the Hunt Energy Rig Emergency Response Plan, organisation and responsibilities.

## **5.6 Hazardous Substances**

Hazardous substances transported to the Hunt Energy Rig #3 are documented in accordance with Dangerous Goods regulations. Hunt Energy will ensure that all hazardous materials onsite (including 3<sup>rd</sup> party hazardous materials) and used during the campaign are controlled in accordance with the Hunt Energy HSE Management System.

The Drilling Manager will provide relevant information including Material Safety Data Sheets (MSDS) to Hunt Energy for all chemicals and hazardous materials provided by for the campaign.

All hazardous materials will be transported, handled and stored according to Hunt Energy procedures as a minimum standard.

### **5.6.1 Drilling Fluids and Cementing Chemicals**

Only approved 3<sup>rd</sup> Party Contractors will control the storage and handling of the cementing, drilling fluids and mudlogging chemicals. This will be done in conjunction with the Hunt Energy safe work practices.

### **5.6.2 Radioactive Materials**

Radioactive materials must be stored in a dedicated and appropriate container. Only approved, trained and certified 3<sup>rd</sup> Party Contractor personnel will be authorized to handle these materials. Approved contractors will control the storage and handling of these materials in conjunction with the Hunt Energy safe work practices.

### **5.6.3 Explosives**

Only approved, trained and certified 3<sup>rd</sup> Party Contractor personnel will be authorized to handle these materials. Approved contractors will control the storage, separation and handling of these materials in conjunction with the Hunt Energy safe work practices.

## **5.7 Safety Systems**

The following Hunt Energy safety systems will be used during all stages of the operation:

- Permit to Work
- JSA
- Standard Operating Procedures
- Safety meetings (Pre Spud, pre job, pre tour and weekly)
- Emergency Drills
- Enforcement of Drug and Alcohol Policies

The following safety features will be used to ensure the well is drilled in a safe manner and that GSLM's requirements are compatible with Hunt Energy systems and procedures.

- All drilling operations will conform to GSLM's management policies (Environmental, Safety etc).
- All drilling operations will be carried out in accordance to the procedures outlined in the Drilling Operations Manual (DOM). The DOM provides details of standards to be applied to GSLM wells as well as standard operating procedures for all wells. The DOM is consistent with the standard operating procedures of Hunt Energy.
- A Drilling Program will be prepared that provides a description of the safety features incorporated in the well design. These include casing design, drilling fluid design, well control and other related drilling procedures. The drilling program will be given to Hunt Energy so they can confirm that the planned well does not contravene any of their policies and that the contracted rig is fit for purpose.
- Good communication will be maintained between Hunt Energy and GSLM field representatives
- Good communications will also be maintained between Hunt Energy and GSLM management.
- Regular meetings will be held between GSLM and Hunt Energy to discuss safety and operational issues.

## 6 OPERATIONS

**Operations Base:** For drilling in the permit area SEL 13-98, the designated Operations Base will be in Hobart, which will coordinate the activities associated with the drilling program. It will also be the primary point of contact for all emergency notifications from the well site and/or the drilling contractor.

**Logistics Base:** The designated Logistics Base for the Bellevue 1 well will be GSLM's office in Hobart which will initiate the supply of equipment and materials through the Drilling Manager. In emergency supplies and equipment may also be available from other sources such as the Hunt Energy supply basis in Adelaide.

**Aviation Support Base:** Launceston and Hobart are the designated aviation support bases for the operations and will provide aircraft transfers to/from the rig via commercial aircraft.

## APPENDICES



## **APPENDIX 1: Emergency Response Interface**

**EMERGENCY RESPONSE INTERFACE****GSLM Ltd and Hunt Energy Pty. Ltd.**