### INDEX OF DOCUMENTS HELD ON THE PUBLIC REGISTER FOR GEOTHERMAL EXPLORATION LICENCE GEL 525

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 June 2010</td>
<td>Geothermal Exploration Licence GEL 525 granted</td>
</tr>
<tr>
<td>Interests:</td>
<td>Earth Heat Australia Pty Ltd 100%</td>
</tr>
<tr>
<td>Expiry Date:</td>
<td>3 June 2015</td>
</tr>
<tr>
<td>4 June 2010</td>
<td>Memorandum entering the grant of GEL 525 on the public register.</td>
</tr>
<tr>
<td>10 June 2010</td>
<td>Gazettal of grant of licence.</td>
</tr>
<tr>
<td>27 July 2010</td>
<td>Suspension of licence for the period from and including 21 July 2010 to 20 July 2011.</td>
</tr>
<tr>
<td></td>
<td>GEL 525 is now due to expire 3 June 2016.</td>
</tr>
<tr>
<td>27 July 2010</td>
<td>Memorandum entering suspension of licence on the public register.</td>
</tr>
<tr>
<td>5 August 2010</td>
<td>Gazettal of suspension of licence.</td>
</tr>
<tr>
<td>15 November 2012</td>
<td>Memorandum entering surrender of licence on the public register.</td>
</tr>
<tr>
<td>22 November 2012</td>
<td>Gazettal of surrender of licence.</td>
</tr>
</tbody>
</table>
## NOTICE

Surrender of Geothermal Exploration Licences—GELs 337, 523 and 525

Pursuant to the provisions of the Petroleum and Geothermal Energy Act 2000, and delegated powers dated 21 March 2012, notice is hereby given that the below-mentioned Geothermal Exploration Licences have been surrendered:

<table>
<thead>
<tr>
<th>No. of Licence</th>
<th>Licensees</th>
<th>Date of Surrender</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEL 337</td>
<td>Earth Heat Australia Pty Ltd</td>
<td>25 October 2012</td>
<td>F2012/000027</td>
</tr>
<tr>
<td>GEL 523</td>
<td>Earth Heat Australia Pty Ltd</td>
<td>25 October 2012</td>
<td>F2012/000025</td>
</tr>
<tr>
<td>GEL 525</td>
<td>Earth Heat Australia Pty Ltd</td>
<td>25 October 2012</td>
<td>F2012/000026</td>
</tr>
</tbody>
</table>

Dated 15 November 2012.

C. D. Cockshead,
Acting Executive Director,
Department for Manufacturing, Innovation, Trade, Resources and Energy
Delegate of the Minister for Mineral Resources and Energy
MEMORANDUM

GEOTHERMAL EXPLORATION LICENCES
GELs 337, 523 and 525

Surrender of the abovementioned Geothermal Exploration Licences with effect from 25 October 2012 is hereby entered on the public registers.

C. D. COCKSHELL
A/Executive Director
Energy Resources Division
Department for Manufacturing, Innovation, Trade, Resources and Energy
Delegate of the Minister for Mineral Resources and Energy

Date: 15 November 2012

Ref: F2012/000025
     F2012/000026
     F2012/000027
Petroleum and Geothermal Energy Act 2000

SURRENDER OF
GEOTHERMAL EXPLORATION LICENCES
GELs 337, 523 and 525

I, CYRIL DAVID COCKSHELL, Acting Executive Director, Energy Resources Division, Department for Manufacturing, Innovation, Trade, Resources and Energy, in the State of South Australia, pursuant to the provisions of section 89(2) of the Petroleum and Geothermal Energy Act 2000 and all other enabling powers, for and on behalf of Tom Koutsantonis, Minister for Mineral Resources and Energy (Minister), pursuant to delegated powers dated 21 March 2012 hereby accept with effect from 25 October 2012, the surrender of Geothermal Exploration Licences GELs 337, 523 and 525 in the name of Earth Heat Australia Pty Ltd.

Dated: 15 November 2012

[Signature]

C. D. COCKSHELL
A/Executive Director
Energy Resources Division
Department for Manufacturing, Innovation, Trade, Resources and Energy
Delegate of the Minister for Mineral Resources and Energy
MEMORANDUM

GEOTHERMAL EXPLORATION LICENCES
GELs 337, 523 and 525

Surrender of the abovementioned Geothermal Exploration Licences with effect from 25 October 2012 is hereby entered on the public registers.

C. D. COCKSHELL
A/Executive Director
Energy Resources Division
Department for Manufacturing, Innovation, Trade, Resources and Energy
Delegate of the Minister for Mineral Resources and Energy

Date: 15 November 2012

Ref: F2012/000025
    F2012/000026
    F2012/000027
Petroleum and Geothermal Energy Act 2000

SURRENDER OF
GEOTHERMAL EXPLORATION LICENCES
GELs 337, 523 and 525

I, CYRIL DAVID COCKSHELL, Acting Executive Director, Energy Resources Division, Department for Manufacturing, Innovation, Trade, Resources and Energy, in the State of South Australia, pursuant to the provisions of section 89(2) of the Petroleum and Geothermal Energy Act 2000 and all other enabling powers, for and on behalf of Tom Koutsantonis, Minister for Mineral Resources and Energy (Minister), pursuant to delegated powers dated 21 March 2012 hereby accept with effect from 25 October 2012, the surrender of Geothermal Exploration Licences GELs 337, 523 and 525 in the name of Earth Heat Australia Pty Ltd.

Dated: 15 November 2012

C. D. COCKSHELL
A/Executive Director
Energy Resources Division
Department for Manufacturing, Innovation, Trade, Resources and Energy
Delegate of the Minister for Mineral Resources and Energy
PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

Suspension of Geothermal Exploration Licences—GELs 337, 338, 339, 503, 504, 505, 506, 507, 523, 524 and 525

PURSUANT to section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the abovementioned Geothermal Exploration Licences have been suspended under the provisions of the Petroleum and Geothermal Energy Act 2000, from and including 21 July 2010 until 20 July 2011, pursuant to delegated powers dated 1 October 2009.

The expiry date of GELs 337, 338 and 339 is now determined to be 31 August 2015.

The expiry date of GELs 503, 504, 505, 506 and 507 is now determined to be 17 December 2015.

The expiry date of GELs 523, 524 and 525 is now determined to be 3 June 2016.

Dated 27 July 2010.

B. A. GOLDSTEIN,
Director Petroleum and Geothermal Minerals and Energy Resources Primary Industries and Resources SA Delegate of the Minister for Mineral Resources Development
MEMORANDUM

GEOTHERMAL EXPLORATION LICENCES
GELs 337, 338, 339, 503, 504, 505,
506, 507, 523, 524 and 525

1. Suspension of licences from and including 21 July 2010 to 20 July 2011 is hereby entered on the public register.

2. The expiry date of GELs 337, 338 and 339 is now determined to be 31 August 2015.

3. The expiry date of GELs 503, 504, 505, 506 and 507 is now determined to be 17 December 2015.

4. The expiry date of GELs 523, 524 and 525 is now determined to be 3 June 2016.

BARRY A. GOLDSTEIN
Director Petroleum and Geothermal Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources Development

Date: 27 July 2010

Ref: 27/2/505
27/2/506
F2009/000457
F2010/000142
SUSPENSION OF
GEOTHERMAL EXPLORATION LICENCES
GELs 337, 338, 339, 503, 504, 505,
506, 507, 523, 524 and 525

I, BARRY ALAN GOLDSTEIN, Director Petroleum and Geothermal, Minerals and Energy Resources, Department of Primary Industries and Resources, in the State of South Australia, pursuant to the provisions of the Petroleum and Geothermal Energy Act 2000 and all other enabling powers, for and on behalf of Paul Holloway, Minister for Mineral Resources Development (Minister), pursuant to delegated powers dated 1 October 2009 hereby -

1. suspend geothermal exploration licences GELs 337, 338, 339, 503, 504, 505, 506, 507, 523, 524 and 525 for the period from and including 21 July 2010 to 20 July 2011.

No regulated activities are permitted to be carried out during the period of the suspension.

(a) The expiry date of GELs 337, 338 and 339 is now determined to be 31 August 2015.

(b) The expiry date of GELs 503, 504, 505, 506 and 507 is now determined to be 17 December 2015.

(c) The expiry date of GELs 523, 524 and 525 is now determined to be 3 June 2016.

Dated: 27 July 2010

BARRY A. GOLDSTEIN
Director Petroleum and Geothermal
Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources Development
NOTICE is hereby given that I have accepted surrender of the aforementioned Petroleum Exploration Licence under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 1 October 2009:

**No of Licence** | **Licencee** | **Date of Surrender** | **Area in km²** | **Reference**
--- | --- | --- | --- | ---
PELL 219 | Syngas Limited | 26 May 2010 | 191 | 27/02/369

Description of Area—PELL 219

Commencing at a point being the intersection of latitude 32°11’00”S GDA94 and longitude 139°37’00”E GDA94, thence east to longitude 139°42’00”E GDA94, south to latitude 35°18’00”S GDA94, west to longitude 139°40’00”E GDA94, south to latitude 35°19’00”S GDA94, west to longitude 139°39’00”E GDA94, south to latitude 35°19’54”S GDA94, west to longitude 139°35’04”E GDA94, south to latitude 35°21’00”S GDA94, west to longitude 139°32’05”E GDA94, north to latitude 35°16’00”S GDA94, east to longitude 139°34’40”E GDA94, north to latitude 35°15’30”S GDA94, east to longitude 139°36’00”E GDA94, north to latitude 35°12’00”S GDA94, east to longitude 139°37’00”E GDA94 and north to point of commencement.

Area: 191 square kilometres approximately.

Dated 2 June 2010.

B. A. GOLDSTEIN,
Director Petroleum and Geothermal Minerals and Energy Resources Primary Industries and Resources SA Delegate of the Minister for Primary Industries and Resources SA

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**No. of Licence** | **Licencee** | **Locality** | **Expiry** | **Reference**
--- | --- | --- | --- | ---
GEL 523 | Earth Heat Australia Pty Ltd | Adjacent Spencer Gulf, South Australia | 3 June 2015 | F2010/000142
GEL 524 | | | | 
GEL 525 | | | | 

Description of Area—GEL 523

Commencing at a point being the intersection of latitude 32°00’00”S GDA94 and longitude 138°17’00”E GDA94, thence east to longitude 138°40’00”E GDA94, south to latitude 32°02’00”S GDA94, west to longitude 138°39’00”E GDA94, south to latitude 32°09’00”S GDA94, west to longitude 138°37’00”E GDA94, south to latitude 32°11’00”S GDA94, west to longitude 138°34’00”E GDA94, south to latitude 32°16’00”S GDA94, east to longitude 138°42’00”E GDA94, south to latitude 32°17’00”S GDA94, west to longitude 138°38’00”E GDA94, south to latitude 32°22’00”S GDA94, east to longitude 138°42’00”E GDA94, north to latitude 32°21’00”S GDA94, east to longitude 138°43’00”E GDA94, north to latitude 32°19’00”S GDA94, east to longitude 138°49’00”E GDA94, south to latitude 32°30’00”S GDA94, west to longitude 138°20’00”E GDA94, north to latitude 32°29’00”S GDA94, west to longitude 138°19’00”E GDA94, north to latitude 32°17’00”S GDA94, west to longitude 138°18’00”E GDA94, north to latitude 32°04’00”S GDA94, west to longitude 138°17’00”E GDA94 and north to the point of commencement.

Area: 2 004 km² approximately.

Description of Area—GEL 524

Commencing at a point being the intersection of latitude 32°30’00”S GDA94 and longitude 138°20’00”E GDA94, thence east to longitude 138°49’00”E GDA94, south to latitude 32°38’00”S GDA94, east to longitude 138°57’00”E GDA94, south to latitude 32°56’00”S GDA94, east to longitude 139°13’00”E GDA94, south to latitude 32°58’00”S GDA94, east to longitude 139°21’00”E GDA94, south to latitude 32°59’00”S GDA94, west to longitude 138°46’00”E GDA94, north to latitude 32°56’00”S GDA94, west to longitude 138°25’00”E GDA94, north to latitude 32°55’00”S GDA94, west to longitude 138°23’00”E GDA94, north to latitude 32°55’00”S GDA94, west to longitude 138°22’00”E GDA94, north to latitude 32°34’00”S GDA94, west to longitude 138°21’00”E GDA94, north to latitude 32°31’00”S GDA94, west to longitude 138°20’00”E GDA94 and north to the point of commencement, but excluding Black Rock Conservation Park.

Area: 2 646 km² approximately.

Description of Area—GEL 525

Commencing at a point being the intersection of latitude 32°59’00”S GDA94 and longitude 138°46’00”E GDA94, thence east to longitude 139°35’00”E GDA94, south to latitude 33°20’00”S GDA94, west to longitude 138°46’00”E GDA94 and north to the point of commencement, but excluding Pandappa Conservation Park.

Area: 2 947 km² approximately.

Dated 4 June 2010.

B. A. GOLDSTEIN,
Director Petroleum and Geothermal Minerals and Energy Resources Primary Industries and Resources SA Delegate of the Minister for Mineral Resources Development
MEMORANDUM

GEOTHERMAL EXPLORATION LICENCES
GELs 523, 524 and 525

1. These Licences granted to Earth Heat Australia Pty Ltd on 4 June 2010 are hereby entered on the public register.

2. Interest in the licences are:-

   Earth Heat Australia Pty Ltd       100%

BARRY A. GOLDSTEIN
Director Petroleum and Geothermal Minerals and Energy Resources Primary Industries and Resources SA Delegate of the Minister for Mineral Resources Development

Date: 4 June 2010

File: F2010/000142
PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

GEOTHERMAL EXPLORATION LICENCE

GEL 525

I, BARRY ALAN GOLDSTEIN, Director Petroleum and Geothermal, Minerals and Energy Resources, Primary Industries and Resources, in the State of South Australia pursuant to the provisions of the Petroleum and Geothermal Energy Act 2000 and all other enabling powers, for and on behalf of Paul Holloway, Minister for Mineral Resources Development (Minister), pursuant to delegated powers dated 1 October 2009, HEREBY GRANT to:

Earth Heat Australia Pty Ltd
ACN 126 917 459

(hereinafter referred to as the Licensee) an Exploration Licence in relation to a source of geothermal energy in respect of the area set out below, to have effect for a period of five years and to expire on 3 June 2015 but carrying the right of renewal under the Petroleum and Geothermal Energy Act 2000.

DESCRIPTION OF AREA

The land comprised in this licence is that part of the State of South Australia described in the Schedule hereto:

CONDITIONS

1. During the term of the licence, the Licensee shall carry out or cause to be carried out, exploratory operations on the area comprised in the licence in accordance with such work programs as are approved by the Minister from time to time. Year one exploratory operations are guaranteed, and any subsequent licence year work program becomes guaranteed upon entry into any such licence year. These exploratory operations shall include but not necessarily be limited to:-

<table>
<thead>
<tr>
<th>Year of Term of Licence</th>
<th>Minimum Work Requirements</th>
</tr>
</thead>
</table>
| One                     | • Geological and geophysical studies.  
                          | Year 1 work program to be conducted anywhere within the boundaries of GELs 523, 524 and 525 |
| Two                     | • Geological and geophysical studies.  
                          | Year 2 work program to be conducted anywhere within the boundaries of GELs 523, 524 and 525 |
| Three                   | • Data acquisition MT survey up to 150 station; and  
                          | • Geological and geophysical studies.  
                          | Year 3 work program to be conducted anywhere within the boundaries of GELs 523, 524 and 525 |
| Four                    | • Geological and geophysical studies.  
                          | Year 4 work program to be conducted anywhere within the boundaries of GELs 523, 524 and 525 |
| Five                    | • 2 fully cored stratigraphic drill holes up to a depth of 250m each; and  
                          | • Geological and geophysical studies.  
                          | Year 5 work program to be conducted anywhere within the boundaries of GELs 523, 524 and 525 |
2. The Licensee must take all reasonable precautions to minimise the risks of its activities resulting in a significant loss of petroleum reserves or a significant reduction in the recovery of petroleum reserves.

3. The Licensee must:

(a) upon commencement of regulated activities under this licence, maintain in force during the term of this licence public liability insurance to cover regulated activities under this licence (including sudden and accidental pollution) in the name of the Licensee for a sum not less than twenty million dollars ($20,000,000.00) or such greater sum as specified by the Minister and make such amendments to the terms and conditions of the insurance as the Minister may from time to time require;

(b) maintain in force during the drilling of any well or operation in any well, control of well insurance in the name of the Licensee for a sum not less than ten million dollars ($10,000,000.00) or such greater sum as specified by the Minister and make such amendments to the terms and conditions of the insurance as the Minister may from time to time require;

(c) upon request by the Minister, provide the Minister with a cover note or certificate of currency of each insurance policy referred to in paragraphs (a) and (b).

4. The Minister in specifying the levels of insurance accepts no liability for the completeness of their listing, the adequacy of the sum insured, the limit of liability, the scoped coverage, the conditions or exclusions of these insurances in respect to how they may or may not respond to any loss, damage or liability.

5. The Licensee will ensure, when preparing an Environmental Impact Report under Part 12 of the Petroleum and Geothermal Energy Act 2000, that the report also includes an assessment of the potential economic consequences for other licensees under the Petroleum and Geothermal Energy 2000 or Mining Act 1971 and owners of land, arising out of proposed regulated activities to be carried out in the licence area.

6. The Licensee must keep confidential any measurements made in a well which would enable the estimation of petroleum reserves ("Confidential Information") and must not disclose the Confidential Information without first obtaining the written consent of the licensee of the overlapping compatible licence, unless:

(a) it is a disclosure required under the Act, this licence or any other law;

(b) it is a disclosure which is for the purposes of prosecuting or defending any legal proceedings; or

(c) it is information which is or becomes public knowledge other than by breach of this licence condition.

7. A contract or agreement entered into by the licensee to transfer or accept liability for any well or facility constructed for the purpose of undertaking a regulated activity under the Petroleum Act 1940 or the Petroleum and Geothermal Energy Act 2000 cannot transfer, limit or exclude liability under the Petroleum and Geothermal Energy Act 2000 unless written consent of the Minister is obtained.

8. In the event that the Licensee during any year of the term of this licence (a year being the period of twelve calendar months ending on the anniversary of the date upon which the licence comes into force) fails to comply with the work program requirements of this licence, it is an express term of this licence that the Minister then may use discretion to either cancel this licence or authorise such variation to these requirements as the Minister thinks fit.
9. The Licensee shall during periods determined by the Minister, lodge and maintain with the Minister, for the satisfaction of obligations arising under the Act or this licence, a security of $50,000 (fifty thousand dollars) or such greater sum as specified by the Minister from time to time.

("the Security").

9.1 The Security shall be lodged in the form of either;

(a) cash; or

(b) an unconditional, irrevocable bank guarantee or letter of credit in a form, and from a financial institution, approved by the Minister,

9.2 Interest will not be payable by the Minister to the Licensee on any cash Security.

9.3 All charges incurred by the Licensee in obtaining and maintaining the Security, shall be met by the Licensee.

9.4 If upon expiry, this Licence is not renewed and the Minister is satisfied that there are no further obligations under this Licence or the Act, the Minister will return the Security to the Licensee.

Date:..............4 June 2010....................

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BARRY A. GOLDSTEIN
Director Petroleum and Geothermal
Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources Development
Signed by the said LICENSEE

Date: 22/5/10

Authorised Representative

Torey Marshall

Name

MANAGING DIRECTOR

Position

EARTH HEAT / FALL RIVER RESOURCES

Company
GEOTHERMAL EXPLORATION LICENCE

GEL 525

THE SCHEDULE

Description of Area

All that part of the State of South Australia, bounded as follows:-

Commencing at a point being the intersection of latitude 32°59'00"S GDA94 and longitude 138°46'00"E GDA94, thence east to longitude 139°35'00"E GDA94, south to latitude 33°20'00"S GDA94, west to longitude 138°46'00"E GDA94, and north to the point of commencement, but excluding Pandappa Conservation Park.

AREA: 2,947 square kilometres approximately.
Note: There is no warranty that the boundary of this licence is correct in relation to other features of the map. The boundary is to be ascertained by reference to the Geocentric Datum of Australia (GDA94) and the schedule.

THE PLAN HEREBEFORE REFERRED TO

GEOTHERMAL EXPLORATION LICENCE NO: 525

Government of South Australia
Primary Industries and Resources SA

F2010/000142

AREA: 2947 sq km (approx)