

## INDEX OF DOCUMENTS HELD ON THE PUBLIC REGISTER FOR GEOTHERMAL EXPLORATION LICENCE GEL 267

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|-----|------------------|---|
| 1.  | 23 May 2007      | Memorandum entering GEL 267 on the public register.   |
| 2.  | 23 May 2007      | Geothermal Exploration Licence GEL 267<br><br>Interests:    Clean Energy Australasia Pty Ltd        100%  |
| 3.  | 31 May 2007      | Gazettal of Grant of GEL 267  |
| 4.  | 4 June 2009      | Variation of licence conditions   |
| 5.  | 4 June 2009      | Memorandum entering variation of licence conditions on the public register.   |
| 6.  | 28 May 2010      | Suspension of licence for the period from and including 22 May 2010 to 21 May 2011.<br><br>New expiry date of GEL 267 is 22 May 2013.           |
| 7.  | 28 May 2010      | Memorandum entering suspension of licence on the public register.   |
| 8.  | 3 June 2010      | Gazettal of suspension.   |
| 9.  | 24 November 2010 | Variation of licence conditions   |
| 10. | 24 November 2010 | Memorandum entering variation of licence conditions on the public register.   |
| 11. | 24 February 2011 | Variation of licence conditions.  |
| 12. | 24 February 2011 | Memorandum entering variation of licence conditions on the public register.   |
| 13. | 30 March 2011    | Cessation of suspension of licence from 31 March 2011.<br><br>New expiry date of GEL 267 is 31 March 2013.                                      |
| 14. | 30 March 2011    | Memorandum entering cessation of suspension of licence on the public register.  |
| 15. | 7 April 2011     | Gazettal of cessation of suspension.  |
| 16. | 13 April 2011    | Resumption of suspension dated 28 May 2010, from and including 12 April 2011 to 2 June 2011.<br><br>GEL 267 is now due to expire on 22 May 2013 |
| 17. | 13 April 2011    | Memorandum entering resumption of suspension on the public register.  |
| 18. | 21 April 2011    | Gazettal of resumption of suspension.   |

19. 30 May 2011 Suspension of licence for the period from and including 22 May 2011 to 21 May 2012.
- New expiry date of GEL 267 is 23 May 2014.
20. 30 May 2011 Memorandum entering suspension of licence on the public register.
21. 2 June 2011 Gazettal of suspension.
22. 5 July 2011 Consolidation of licence area with GELs 276 and 277.
- The total area of GEL 267 is now 1,486 km<sup>2</sup> approximately.
23. 5 July 2011 Memorandum entering the consolidation of licence area on the public register.
24. 3 February 2012 Variation of suspension of licence dated 30 May 2011 insofar as the licence is now suspended for the period from and including 3 June 2011 to 2 June 2012.
- The expiry date of GEL 267 is determined to be 23 May 2014.
25. 3 February 2012 Memorandum entering variation of licence suspension period on the public register.
26. 9 February 2012 Gazettal of variation of licence suspension period.
27. 11 May 2012 Suspension of licence for the period from and including 3 June 2012 to 2 June 2013.
- New expiry date of GEL 267 is 23 May 2015.
28. 11 May 2012 Memorandum entering suspension of licence on the public register.
29. 17 May 2012 Gazettal of suspension.
30. 24 May 2013 Suspension of licence for the period from and including 3 June 2013 to 2 June 2014.
- New expiry date of GEL 267 is 22 May 2016.
31. 24 May 2013 Memorandum entering suspension of licence on the public register.
32. 30 May 2013 Gazettal of suspension.
32. 14 May 2014 Suspension of licence for the period from and including 3 June 2014 to 2 June 2015.
- New expiry date of GEL 267 is 22 May 2017.
33. 14 May 2014 Memorandum entering suspension of licence on the public register.

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|-----|-------------|--|
| 32. | 22 May 2014 | Gazettal of suspension.  |
| 33. | 11 May 2015 | Surrender of licence with effect from 11 May 2015.               |
| 34. | 11 May 2015 | Memorandum entering surrender of licence on the public register. |
| 35. | 14 May 2015 | Gazettal of surrender of licence.                                |

## PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

*Surrender of Geothermal Exploration Licences—GELs 267, 269, 273, 316, 317 and 320*

NOTICE is hereby given that I have accepted surrender of the abovementioned Geothermal Exploration Licences under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 21 March 2012.

No. of Licence	Licensee	Date of Surrender	Reference
GEL 267	Clean Energy Australasia Pty Ltd	11 May 2015	F2011/288
GEL 269	Clean Energy Australasia Pty Ltd	11 May 2015	F2011/286
GEL 273	Clean Energy Australasia Pty Ltd	11 May 2015	F2011/287
GEL 316	Clean Energy Australasia Pty Ltd	11 May 2015	F2011/291
GEL 317	Clean Energy Australasia Pty Ltd	11 May 2015	F2011/289
GEL 320	Clean Energy Australasia Pty Ltd	11 May 2015	F2011/290

Dated 11 May 2015.

B. A. GOLDSTEIN  
Executive Director,  
Energy Resources Division,  
Department of State Development,  
Delegate of the Minister for Mineral Resources and Energy

***Petroleum and Geothermal Energy Act 2000***  
**S.115**

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES**  
**GELs 267, 269, 273, 316, 317 and 320**

Surrender of the abovementioned Geothermal Exploration Licences with effect from 11 May 2015 is hereby entered on the public register.



**BARRY A. GOLDSTEIN**  
**Executive Director**  
**Energy Resources Division**  
**Department of State Development**  
**Delegate of the Minister for Mineral Resources and Energy**

Date: 11 May 2015

Ref: F2011/000286  
F2011/000287  
F2011/000288  
F2011/000289  
F2011/000290  
F2011/000291

***Petroleum and Geothermal Energy Act 2000***

**SURRENDER OF  
GEOTHERMAL EXPLORATION LICENCES  
GELs 267, 269, 273, 316, 317 and 320**

I, BARRY ALAN GOLDSTEIN, Executive Director, Energy Resources Division, Department of State Development, 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 –

- a) hereby accept the surrender of Geothermal Exploration Licences GELs 267, 269, 273, 316, 317 and 320 in the name of Clean Energy Australasia Pty Ltd with effect from 11 May 2015.

Dated: 11 May 2015



**BARRY A. GOLDSTEIN**  
**Executive Director**  
**Energy Resources Division**  
**Department of State Development**  
**Delegate of the Minister for Mineral Resources and Energy**

## PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

*Suspension of Geothermal Exploration Licences—  
GELs 267, 269 and 273*

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 for the period from and including 3 June 2014 to 2 June 2015, under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 21 March 2012.

The expiry date of GELs 267, 269 and 273 is now determined to be 22 May 2017.

Dated 14 May 2014.

B. A. GOLDSTEIN,  
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***  
**S.115**

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES**  
**GELs 267, 269, 273, 316, 317 and 320**

1. Suspension of licences is hereby entered on the public register.



**BARRY A. GOLDSTEIN**  
**Executive Director**  
**Energy Resources Division**  
**Department for Manufacturing, Innovation, Trade, Resources and Energy**  
**Delegate of the Minister for Mineral Resources and Energy**

Date: 14 May 2014

Files: F2011/000286  
F2011/000287  
F2011/000288  
F2011/000289  
F2011/000290  
F2011/000291

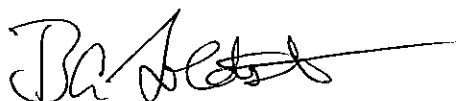
***Petroleum and Geothermal Energy Act 2000***  
**S.90**

**SUSPENSION OF  
GEOTHERMAL EXPLORATION LICENCES  
GELs 267, 269, 273, 316, 317 and 320**

I, BARRY ALAN GOLDSTEIN, Executive Director Energy Resources Division, Department for Manufacturing, Innovation, Trade, Resources and Energy, 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 Tom Koutsantonis, Minister for Mineral Resources and Energy (Minister), pursuant to delegated powers dated 21 March 2012 hereby -

- (a) suspend geothermal exploration licences GELs 267, 269 and 273, for the period from and including 3 June 2014 to 2 June 2015.
  - (b) suspend geothermal exploration licences GELs 316, 317 and 320, for the period from and including 1 June 2014 and 31 May 2015.
1. No regulated activities are permitted to be carried out during this period of suspension.
  2. The expiry date of GELs 267, 269 and 273 is now determined to be 22 May 2017.
  3. The expiry date of GELs 316, 317 and 320 is now determined to be 1 June 2017.

Dated: 14 May 2014



**BARRY A. GOLDSTEIN**  
**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 267, 269 and 273*

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 for the period from and including 3 June 2013 until 2 June 2014, under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 21 March 2012.

The expiry date of GELs 267, 269 and 273 is now determined to be 22 May 2016.

Dated 24 May 2013.

B. A. GOLDSTEIN,  
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***  
**S.115**

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES**  
**GELs 267, 269, 273, 316, 317 and 320**

1. Suspension of licences dated 24 May 2013 is hereby entered on the public register.



**BARRY A. GOLDSTEIN**  
**Executive Director**  
**Energy Resources Division**  
**Department for Manufacturing, Innovation, Trade, Resources and Energy**  
**Delegate of the Minister for Mineral Resources and Energy**

Date: 24 May 2013

Ref: F2011/286      F2011/287  
F2011/288      F2011/289  
F2011/290      F2011/291

***Petroleum and Geothermal Energy Act 2000***  
**S.90**

**SUSPENSION OF  
GEOTHERMAL EXPLORATION LICENCES  
GELs 267, 269, 273, 316, 317 and 320**

I, BARRY ALAN GOLDSTEIN, Executive Director Energy Resources Division, Department for Manufacturing, Innovation, Trade, Resources and Energy, 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 Tom Koutsantonis, Minister for Mineral Resources and Energy (Minister), pursuant to delegated powers dated 21 March 2012 hereby -

- (a) suspend geothermal exploration licences GELs 267, 269 and 273 for the period from and including 3 June 2013 to 2 June 2014.
  - (b) suspend geothermal exploration licences GELs 316, 317 and 320 for the period from and including 1 June 2013 to 31 May 2014.
1. No regulated activities are permitted to be carried out during the period of the suspension.
  2. The expiry date of GELs 267, 269 and 273 is now determined to be 22 May 2016.
  3. The expiry date of GELs 316, 317 and 320 is now determined to be 1 June 2016.

Dated: 24 May 2013



**BARRY A. GOLDSTEIN**  
**Executive Director**  
**Energy Resources Division**  
**Department for Manufacturing, Innovation, Trade, Resources and Energy**  
**Delegate of the Minister for Mineral Resources and Energy**

## MINING ACT 1971

NOTICE is hereby given in accordance with Section 28 (5) of the Mining Act 1971, that the Minister for Mineral Resources and Energy proposes to grant an Exploration Licence over the undermentioned area:

Applicant: Iluka Resources Ltd

Location: Bews area—Approximately 180 km east-south-east of Adelaide.

Term: 2 years

Area in km<sup>2</sup>: 979

Ref.: 2011/00227

Plan and co-ordinates can be found on the DMITRE website: [http://www.pir.sa.gov.au/minerals/public\\_notices](http://www.pir.sa.gov.au/minerals/public_notices) or by phoning Mineral Tenements on (08) 8463 3103.

J. MARTIN, Mining Registrar

## MINING ACT 1971

NOTICE is hereby given in accordance with Section 28 (5) of the Mining Act 1971, that the Minister for Mineral Resources and Energy proposes to grant an Exploration Licence over the undermentioned area:

Applicant: Iluka Resources Ltd

Location: Jabuk area—Approximately 130 km east-south-east of Adelaide.

Term: 2 years

Area in km<sup>2</sup>: 612

Ref.: 2011/00228

Plan and co-ordinates can be found on the DMITRE website: [http://www.pir.sa.gov.au/minerals/public\\_notices](http://www.pir.sa.gov.au/minerals/public_notices) or by phoning Mineral Tenements on (08) 8463 3103.

J. MARTIN, Mining Registrar

## MINING ACT 1971

NOTICE is hereby given in accordance with Section 28 (5) of the Mining Act 1971, that the Minister for Mineral Resources and Energy proposes to grant an Exploration Licence over the undermentioned area:

Applicant: Iluka Resources Ltd

Location: Lameroo area—Approximately 185 km east-south-east of Adelaide.

Term: 2 years

Area in km<sup>2</sup>: 890

Ref.: 2011/00229

Plan and co-ordinates can be found on the DMITRE website: [http://www.pir.sa.gov.au/minerals/public\\_notices](http://www.pir.sa.gov.au/minerals/public_notices) or by phoning Mineral Tenements on (08) 8463 3103.

J. MARTIN, Mining Registrar

## MINING ACT 1971

NOTICE is hereby given in accordance with Section 28 (5) of the Mining Act 1971, that the Minister for Mineral Resources and Energy proposes to grant an Exploration Licence over the undermentioned area:

Applicant: Iluka Resources Ltd

Location: Parilla area—Approximately 185 km east-south-east of Adelaide.

Term: 2 years

Area in km<sup>2</sup>: 948

Ref.: 2011/00230

Plan and co-ordinates can be found on the DMITRE website: [http://www.pir.sa.gov.au/minerals/public\\_notices](http://www.pir.sa.gov.au/minerals/public_notices) or by phoning Mineral Tenements on (08) 8463 3103.

J. MARTIN, Mining Registrar

## MINING ACT 1971

NOTICE is hereby given in accordance with Section 28 (5) of the Mining Act 1971, that the Minister for Mineral Resources and Energy proposes to grant an Exploration Licence over the undermentioned area:

Applicant: Iluka Resources Ltd

Location: Parrakie area—Approximately 165 km east-south-east of Adelaide.

Term: 2 years

Area in km<sup>2</sup>: 560

Ref.: 2011/00231

Plan and co-ordinates can be found on the DMITRE website: [http://www.pir.sa.gov.au/minerals/public\\_notices](http://www.pir.sa.gov.au/minerals/public_notices) or by phoning Mineral Tenements on (08) 8463 3103.

J. MARTIN, Mining Registrar

## MINING ACT 1971

NOTICE is hereby given in accordance with Section 28 (5) of the Mining Act 1971, that the Minister for Mineral Resources and Energy proposes to grant an Exploration Licence over the undermentioned area:

Applicant: Iluka Resources Ltd

Location: Pinnaroo area—Approximately 195 km east of Adelaide.

Term: 2 years

Area in km<sup>2</sup>: 705

Ref.: 2011/00232

Plan and co-ordinates can be found on the DMITRE website: [http://www.pir.sa.gov.au/minerals/public\\_notices](http://www.pir.sa.gov.au/minerals/public_notices) or by phoning Mineral Tenements on (08) 8463 3103.

J. MARTIN, Mining Registrar

## PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

*Suspension of Petroleum Exploration Licence—PEL 103*

PURSUANT to Section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the abovementioned Petroleum Exploration Licence has been suspended for the period from and including 26 April 2012 until 25 April 2013, under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 21 March 2012.

The expiry date of PEL 103 is now determined to be 28 January 2015.

Dated 11 May 2012.

B. A. GOLDSTEIN,  
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 267, 269 and 273*

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 for the period from and including 3 June 2012 until 2 June 2013, under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 21 March 2012.

The expiry date of GELs 267, 269 and 273 is now determined to be 23 May 2015.

Dated 11 May 2012.

B. A. GOLDSTEIN,  
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 316, 317 and 320*

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 for the period from and including 1 June 2012 until 31 May 2013, under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 21 March 2012.

The expiry date of GELs 316, 317 and 320 is now determined to be 2 June 2015.

Dated 11 May 2012.

B. A. GOLDSTEIN,  
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

##### *Application for the Renewal of Associated Activities Licence—AAL 151*

PURSUANT to Section 65 (6) of the Petroleum and Geothermal Energy Act 2000 (the Act) and Delegation dated 21 March 2012, notice is hereby given that an application for the renewal of Associated Activities Licence within the area described below has been received from:

Victoria Oil Exploration (1977) Pty Ltd  
Permian Oil Pty Ltd  
Springfield Oil and Gas Pty Ltd  
Impress (Cooper Basin) Pty Ltd

The renewal application will be determined on or after 14 June 2012.

##### *Description of Application Area*

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

A 50 m buffer around line segments defined by the following pairs of co-ordinates and adjacent to Petroleum Exploration Licence No. 111.

##### MGA Zone 54

373594mE	6963872mN
373587mE	6963887mN
373569mE	6963911mN
373547mE	6963937mN
373533mE	6963958mN
373513mE	6963992mN
373493mE	6964031mN
373477mE	6964069mN
373469mE	6964115mN

373467mE	6964123mN
373455mE	6964174mN
373462mE	6964198mN
373481mE	6964215mN
373504mE	6964253mN
373506mE	6964257mN
373522mE	6964268mN
373568mE	6964297mN
373606mE	6964331mN
373627mE	6964357mN
373634mE	6964369mN
373641mE	6964420mN
373637mE	6964454mN
373623mE	6964498mN
373570mE	6964586mN
373531mE	6964661mN
373492mE	6964755mN
373452mE	6964852mN
373436mE	6964882mN
373434mE	6964885mN

Area: 0.125 km<sup>2</sup> approximately.

Dated 11 May 2012.

B. A. GOLDSTEIN,  
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

##### *Application for the Renewal of Associated Activities Licence—AAL 169*

PURSUANT to Section 65(6) of the Petroleum and Geothermal Energy Act 2000 (the Act) and Delegation dated 21 March 2012, notice is hereby given that an application for the renewal of Associated Activities Licence within the area described below has been received from:

Victoria Oil Exploration (1977) Pty Ltd  
Permian Oil Pty Ltd  
Springfield Oil and Gas Pty Ltd  
Impress (Cooper Basin) Pty Ltd

The renewal application will be determined on or after 14 June 2012.

##### *Description of Application Area*

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

Commencing at a point being the intersection of latitude 27°26'10"S AGD66 and longitude 139°42'50"E AGD66, thence east to longitude 139°43'20"E AGD66, south to latitude 27°26'22"S GDA94, west to longitude 139°42'50"E AGD66, and north to point of commencement.

Area: 0.44 km<sup>2</sup> approximately.

Dated 11 May 2012.

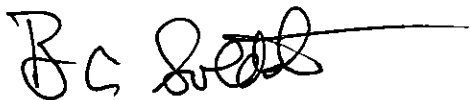
B. A. GOLDSTEIN,  
Executive Director,  
Energy Resources Division  
Department for Manufacturing, Innovation,  
Trade, Resources and Energy  
Delegate of the Minister for Mineral  
Resources and Energy

***Petroleum and Geothermal Energy Act 2000***  
**S.115**

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES**  
**GELs 267, 269 and 273**  
**GELs 316, 317 and 320**

1. Suspension of licences dated 11 May 2012 is hereby entered on the public register.



**BARRY A. GOLDSTEIN**  
**Executive Director**  
**Energy Resources Division**  
**Department for Manufacturing, Innovation, Trade, Resources and Energy**  
**Delegate of the Minister for Mineral Resources and Energy**

Date: 11 May 2012

Ref: F2011/286      F2011/287  
F2011/288      F2011/289  
F2011/290      F2011/291

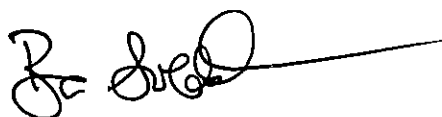
***Petroleum and Geothermal Energy Act 2000***  
**S.90**

**SUSPENSION OF  
GEOTHERMAL EXPLORATION LICENCES  
GELs 267, 269 and 273  
GELs 316, 317 and 320**

I, ELINOR ALEXANDER, 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 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 -

- (a) suspend geothermal exploration licences GELs 267, 269 and 273 for the period from and including 3 June 2012 to 2 June 2013.
  - (b) suspend geothermal exploration licences GELs 316, 317 and 320 for the period from and including 1 June 2012 to 31 May 2013.
1. No regulated activities are permitted to be carried out during the period of the suspension.
  2. The expiry date of GELs 267, 269 and 273 is now determined to be 23 May 2015.
  3. The expiry date of GELs 316, 317 and 320 is now determined to be 2 June 2015.

Dated: 11 May 2012



**BARRY A. GOLDSTEIN**  
**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 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277*

PURSUANT to Section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the suspension dated 30 May 2011, in respect of the abovementioned Geothermal Exploration Licences has been varied insofar as the said Geothermal Exploration Licences have now been suspended for the period from and including 3 June 2011 to 2 June 2012, under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 1 October 2009.

The expiry date of these GELs is determined to be 23 May 2014.

Dated 3 February 2012.

E. ALEXANDER,  
Acting Executive Director,  
Energy Resources Division  
Department for Manufacturing,  
Innovation, Trade, Resources and Energy  
Delegate of the Minister for Mineral  
Resources and Energy

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***Petroleum and Geothermal Energy Act 2000***  
**S.115**

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES**  
**GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277**

Variation of the suspension of licence dated 30 May 2011 is hereby entered on the public register.



**ELINOR ALEXANDER**  
**A/Executive Director**  
**Energy Resources Division**  
**Department for Manufacturing, Innovation, Trade, Resources and Energy**  
**Delegate of the Minister for Mineral Resources and Energy**

Date: 3 February 2012

Ref: 27/2/441

***Petroleum and Geothermal Energy Act 2000***  
**S.90**

**SUSPENSION OF  
GEOTHERMAL EXPLORATION LICENCES  
GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 AND 277**

I, ELINOR ALEXANDER, 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 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 1 October 2009 hereby –

- (a) vary the instrument dated 30 May 2011 insofar as GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277 are now suspended for the period from 3 June 2011 to 2 June 2012 inclusive.
- 1. No regulated activities are permitted to be carried out during the period of suspension.
- 2. The expiry date of these GELs is determined to be 23 May 2014.

Dated: 3 February 2012



**ELINOR ALEXANDER**  
**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***  
**S.115**

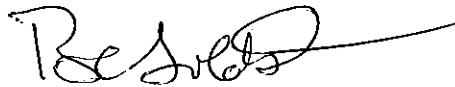
**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES**  
**GELs 267, 276 and 277**

1. Consolidation of the adjacent licence areas of GELs 267, 276 and 277, whereby the consolidated licence area is now designated as GEL 267 is hereby entered on the public register.

The total area of GEL 267 is now 1,486 square kilometres approximately.

2. Revocation of GELs 276 and 277 is hereby entered on the public register.



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

Date: 5 July 2011

Ref: F2011/000288

# ***Petroleum and Geothermal Energy Act 2000***

## **Consolidation of licence areas Geothermal Exploration Licences GELs 267, 276 and 277**

## **Revocation of licences Geothermal Exploration Licences GELs 276 and 277**

I, BARRY ALAN GOLDSTEIN, Executive Director Petroleum and Geothermal, Minerals and Energy Resources, Department of Primary Industries and Resources, in the State of South Australia, pursuant to section 82 of the *Petroleum and Geothermal Energy Act 2000* and all other enabling powers, for and on behalf of Tom Koutsantonis, Minister for Mineral Resources Development (Minister), pursuant to delegated powers dated 1 October 2009, hereby;

1. consolidate adjacent areas of Geothermal Exploration Licences GELs 267, 276 and 277 held by –

**Clean Energy Australasia Pty Ltd**  
ACN 122 645 229

The consolidated licence area shall hereafter be designated as:

### **Geothermal Exploration Licence GEL 267**

#### **DESCRIPTION OF CONSOLIDATED AREA**

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

Commencing at a point being the intersection of latitude 27°30'00"S GDA94 and longitude 140°36'00"E GDA94, thence east to longitude 140°49'30"E GDA94, south to latitude 27°40'00"S GDA94, west to longitude 140°46'00"E GDA94, south to latitude 27°41'00"S GDA94, west to longitude 140°36'00"E GDA94, south to latitude 27°42'00"S GDA94, west to longitude 140°32'00"E GDA94, south to latitude 27°43'00"S GDA94, west to longitude 140°23'00"E GDA94, south to latitude 27°44'00"S GDA94, west to longitude 140°22'00"E GDA94, south to latitude 27°45'00"S GDA94, west to longitude 140°21'00"E GDA94, south to latitude 27°46'00"S GDA94, west to longitude 140°20'00"E GDA94, south to latitude 27°47'00"S GDA94, west to longitude 140°19'00"E GDA94, south to latitude 27°48'00"S GDA94, west to longitude 140°18'00"E GDA94, south to latitude 27°49'00"S GDA94, west to longitude 140°17'00"E GDA94, south to latitude 27°50'00"S GDA94, west to longitude 140°16'00"E GDA94, south to latitude 27°51'00"S GDA94, west to longitude 140°15'00"E GDA94, south to latitude 27°52'00"S GDA94, west to longitude 140°14'00"E GDA94, south to latitude 27°53'00"S GDA94, west to longitude 140°13'00"E GDA94, south to latitude 27°54'00"S GDA94, west to longitude 140°12'00"E GDA94, south to latitude 27°58'00"S GDA94, west to longitude 140°11'00"E GDA94, south to latitude 28°01'00"S GDA94, west to longitude 140°03'00"E GDA94, south to latitude 28°04'00"S GDA94, west to longitude 139°56'00"E GDA94, north to latitude 28°00'00"S GDA94, east to longitude 139°59'00"E GDA94, north to latitude 27°55'00"S GDA94, east to longitude 140°01'00"E GDA94, north to latitude 27°45'00"S GDA94, east to longitude 140°09'00"E GDA94, south to latitude 27°48'00"S GDA94, east to longitude 140°10'00"E GDA94, north to latitude 27°47'00"S GDA94, east to longitude 140°11'00"E GDA94, north to latitude 27°46'00"S GDA94, east to longitude 140°13'00"E GDA94,

north to latitude 27°45'00"S GDA94, east to longitude 140°14'00"E GDA94,  
 north to latitude 27°44'00"S GDA94, east to longitude 140°15'00"E GDA94,  
 north to latitude 27°43'00"S GDA94, east to longitude 140°17'00"E GDA94,  
 north to latitude 27°42'00"S GDA94, east to longitude 140°20'00"E GDA94,  
 north to latitude 27°41'00"S GDA94, east to longitude 140°21'00"E GDA94,  
 north to latitude 27°40'00"S GDA94, east to longitude 140°22'00"E GDA94,  
 north to latitude 27°39'00"S GDA94, east to longitude 140°23'00"E GDA94,  
 north to latitude 27°38'00"S GDA94, east to longitude 140°33'00"E GDA94,  
 north to latitude 27°37'00"S GDA94, east to longitude 140°35'00"E GDA94,  
 north to latitude 27°31'00"S GDA94, east to longitude 140°36'00"E GDA94,  
 and north to point of commencement.

AREA: **1486** square kilometres approximately.

2. consequently revoke Geothermal Exploration Licences GELs 276 and 277

As a consequence of the consolidation, the work program forming 'condition 1' of the consolidated GEL 267 comprises:

Year of Term of Licence	Minimum Work Requirements
One	<ul style="list-style-type: none"> <li>Geological and geophysical review.</li> </ul> <i>(Year 1 work program to be conducted anywhere within the boundaries of GELs 267–277)</i>
Two	<ul style="list-style-type: none"> <li>Geological and geophysical review.</li> </ul> <i>(Year 2 work program to be conducted anywhere within the boundaries of GELs 267–277)</i>
Three	<ul style="list-style-type: none"> <li>Geological and geophysical review.</li> </ul> <i>(Year 3 work program to be conducted anywhere within the boundaries of GELs 267, 269–277)</i>
Four	<ul style="list-style-type: none"> <li>Geological and geophysical and engineering review.</li> </ul> <i>(Year 4 work program to be conducted anywhere within the boundaries of GELs 267, 269 and 273)</i>
Five	<ul style="list-style-type: none"> <li>Geological and geophysical and engineering review.</li> <li>Geophysical survey identified as required from ongoing geoscientific and engineering reviews, such as MT, seismic (reprocessing, infill etc.), gravity magnetic.</li> </ul> <i>(Year 5 work program to be conducted anywhere within the boundaries of GELs 267, 269 and 273)</i>

Dated: 5 July 2011



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

The following signature evidences the consent of the licensee to the consolidation of GELs 267, 276 and 277 as set out in this document and made pursuant to Section 82 of the *Petroleum and Geothermal Energy Act 2000*.

Signed for and on behalf of **Clean Energy Australasia Pty Ltd** by its authorised representative:



.....  
Date

17 JUNE 2011.....

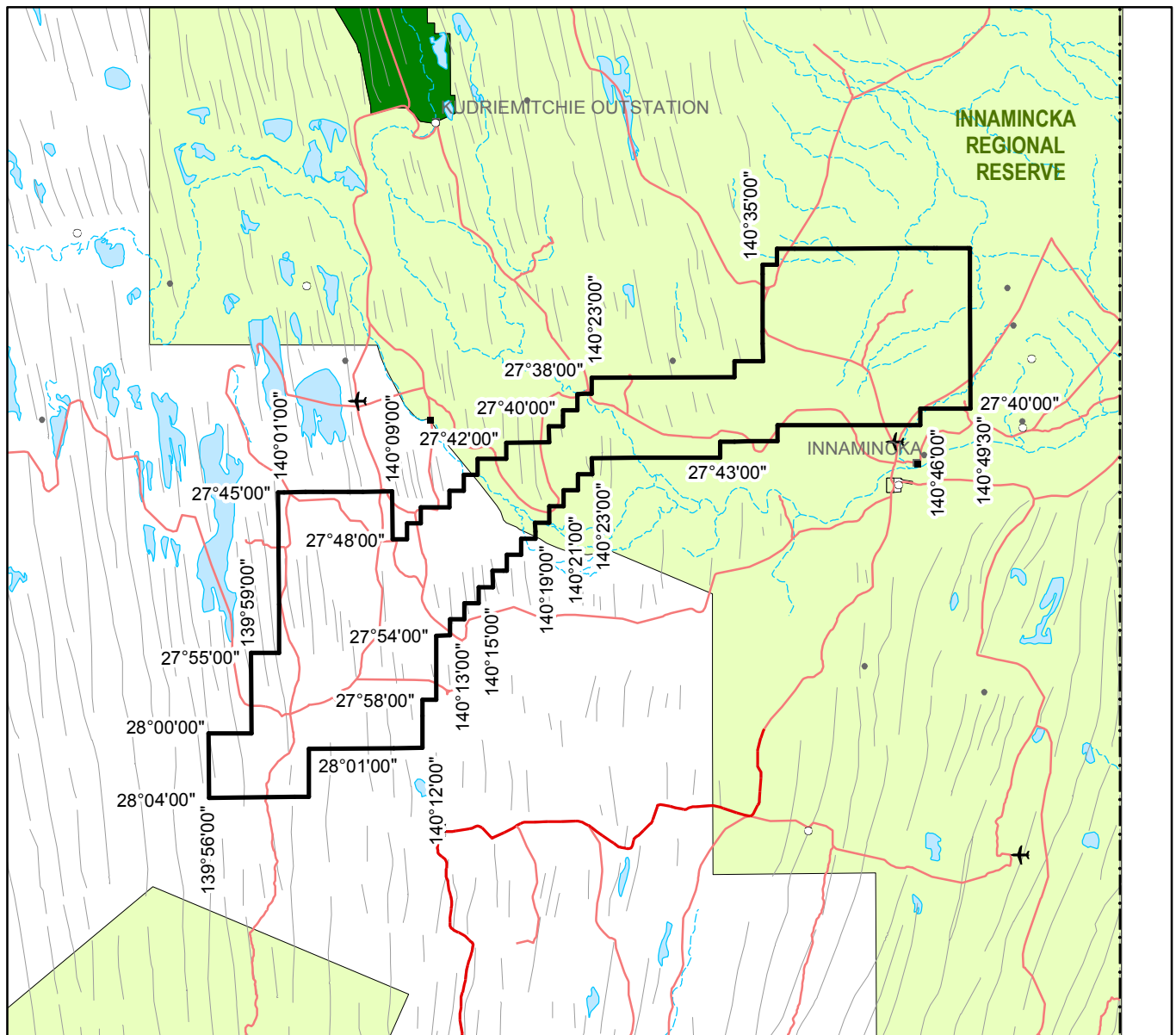
Authorised Representative

JOE REICHMAN.....

Name

CEO.....

Position



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 HEREINBEFORE REFERRED TO

**GEOHERMAL EXPLORATION LICENCE NO: 267**



## PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

*Suspension of Geothermal Exploration Licences—  
GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277*

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 for the period from and including 22 May 2011 until 21 May 2012, under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 1 October 2009.

The expiry date of GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277 is now determined to be 23 May 2014.

Dated 30 May 2011.

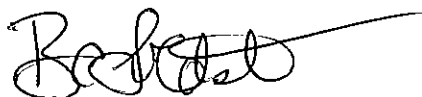
B. A. GOLDSTEIN,  
Executive Director Petroleum and Geothermal  
Minerals and Energy Resources  
Primary Industries and Resources SA  
Delegate of the Minister for Mineral  
Resources Development

***Petroleum and Geothermal Energy Act 2000***  
**S.115**

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES**  
**GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277**

1. Suspension of licences from and including 22 May 2011 to 21 May 2012 is hereby entered on the public register.
2. The expiry date of GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277 is now determined to be 23 May 2014.



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

Date: 30 May 2011

Ref: 27/2/441

***Petroleum and Geothermal Energy Act 2000***  
**S.90**

**SUSPENSION OF  
GEOTHERMAL EXPLORATION LICENCES  
GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277**

I, BARRY ALAN GOLDSTEIN, Executive 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 Tom Koutsantonis, Minister for Mineral Resources Development (Minister), pursuant to delegated powers dated 1 October 2009 hereby -

- a) suspend geothermal exploration licences GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277 for the period from and including 22 May 2011 to 21 May 2012.
- 1. No regulated activities are permitted to be carried out during the period of the suspension.
- 2. The expiry date of GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277 is now determined to be 23 May 2014.

Dated: 30 May 2011



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

## PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

*Surrender of Geothermal Exploration Licence—GEL 501  
and Associated Activities Licence—AAL 152*

NOTICE is hereby given that I have accepted surrender of the abovementioned Geothermal Exploration Licence and the Associated Activities Licence under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 1 October 2009.

No. of Licence	Licensee	Locality	Date of Surrender	Reference
GEL 501	Torrens Energy Limited	Port Augusta	8 April 2011	27/2/565
AAL 152	Torrens Energy Limited	Port Wakefield	8 April 2011	27/2/566

*Description of Area—GEL 501*

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

Commencing at a point being the intersection of latitude 32°22'00"S GDA94 and longitude 137°23'50"E GDA94, thence east to longitude 137°44'08"E GDA94, south to the northern boundary of the Cultana Army Land, thence westerly and south-westerly along the boundary of the said Army Land to latitude 32°33'00"S GDA94, west to longitude 137°38'00"E GDA94, north to latitude 32°29'58"S GDA94, west to longitude 137°27'10"E GDA94, north to latitude 32°28'04"S GDA94, west to longitude 137°23'50"E GDA94 and north to the point of commencement.

Area: 494 km<sup>2</sup> approximately.

*Description of Area—AAL 152*

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

Commencing at a point being the intersection of latitude 33°41'59.68"S GDA94 and longitude 138°06'46.57"E GDA94, thence east to longitude 138°07'21.93"E GDA94, south to latitude 33°42'24.68"S GDA94, west to longitude 138°06'46.57"E GDA94, and north to point of commencement.

Area: 0.70 km<sup>2</sup> approximately.

Dated 18 April 2011.

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

## PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

## (SECTION 92)

*Resumption of Suspension of Geothermal Exploration Licence  
GEL 267*

PURSUANT to Section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the suspension of the abovementioned licence dated 28 May 2010 has been resumed with effect from and including 12 April 2011 to 2 June 2011 under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 1 October 2009.

GEL 267 is now due to expire on 22 May 2013.

Dated 13 April 2011.

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

Resumption of Suspension of GEL 211 dated 9 March 2011, from and including 12 April 2011 to 8 October 2011. The expiry date of GEL 211 is now determined to be 13 November 2011.

Resumption of Suspension of GEL 268 dated 28 May 2010, from and including 12 April 2011 to 2 June 2011. The expiry date of GEL 268 is now determined to be 22 May 2013.

Dated 13 April 2011.

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

## PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

## (SECTION 92)

*Resumption of Suspension of Geothermal Exploration Licences  
GELs 211 and 268*

PURSUANT to Section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the following suspensions have been resumed under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 1 October 2009.

## PETROLEUM PRODUCTS REGULATION ACT 1995

*Appointments*

I, BERNARD FINNIGAN, Minister for Industrial Relations in and for the State of South Australia, hereby appoint each of the following persons as an Authorised Officer for the purposes of the Petroleum Products Regulation Act 1995, in accordance with my delegated authority under Section 49 of that Act:

- Marrie Jongeneel
- Rhys Kirkbright
- Craig Charles Lewis
- Anthony William Parletta

Dated 18 April 2011.

BERNARD FINNIGAN, Minister for Industrial  
Relations

***Petroleum and Geothermal Energy Act 2000***  
**S.115**

**MEMORANDUM**

**RESUMPTION OF SUSPENSION OF  
GEOTHERMAL EXPLORATION LICENCE  
GEL 267**

1. Resumption of suspension of GEL 267 dated 28 May 2010, from and including 12 April 2011 to 2 June 2011 is entered on the public register.
2. The expiry date of GEL 267 is now determined to be 22 May 2013.



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

Date: 13 April 2011

Ref: 27/2/441

# ***Petroleum and Geothermal Energy Act 2000***

S.90

## **RESUMPTION OF SUSPENSION OF GEOTHERMAL EXPLORATION LICENCE GEL 267**

I, BARRY ALAN GOLDSTEIN, Executive 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 Tom Koutsantonis, Minister for Mineral Resources Development (Minister), pursuant to delegated powers dated 1 October 2009 -

(a) hereby approve the resumption of suspension dated 28 May 2010 of geothermal exploration licence GEL 267 for the period from and including 12 April 2011 to 2 June 2011.

1. No regulated activities are permitted to be carried out in the licence area during the period of the suspension.
2. The expiry date of GEL 267 is determined to be 22 May 2013.

Dated: 13 April 2011



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

## PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

*Cessation of Suspension of  
Geothermal Exploration Licence—GEL 267*

PURSUANT to Section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the suspension dated 28 May 2010, of the abovementioned Geothermal Exploration Licence has ceased under the provisions of the Petroleum and Geothermal Energy Act 2000, with effect from 31 March 2011, pursuant to delegated powers dated 1 October 2009:

The expiry date of GEL 267 is now determined to be 31 March 2013.

Dated 30 March 2011.

E. ALEXANDER,  
Acting Executive Director Petroleum and Geothermal  
Minerals and Energy Resources  
Primary Industries and Resources SA  
Delegate of the Minister for  
Mineral Resources Development

***Petroleum and Geothermal Energy Act 2000***  
**S.115**

**MEMORANDUM**

**CESSATION OF SUSPENSION OF  
GEOTHERMAL EXPLORATION LICENCE  
GEL 267**

1. Cessation of suspension of licence from 31 March 2011 is entered on the public register.
2. The expiry date of GEL 267 is now determined to be 31 March 2013.



**ELINOR ALEXANDER**  
**A/Executive Director Petroleum and Geothermal**  
**Minerals and Energy Resources**  
**Primary Industries and Resources SA**  
**Delegate of the Minister for Mineral Resources Development**

Date: 30 March 2011

Ref: 27/2/441

***Petroleum and Geothermal Energy Act 2000***  
**S.90**

**CESSATION OF SUSPENSION OF  
GEOTHERMAL EXPLORATION LICENCE  
GEL 267**

I, ELINOR ALEXANDER, Acting Executive 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 Tom Koutsantonis, Minister for Mineral Resources Development (Minister), pursuant to delegated powers dated 1 October 2009 -

- (a) hereby approve the cessation of the suspension dated 28 May 2010 of geothermal exploration licence GEL 267 with effect from 31 March 2011.

1. The expiry date of GEL 267 is now determined to be 31 March 2013.

Dated: 30 March 2011




**ELINOR ALEXANDER  
A/Executive Director Petroleum and Geothermal  
Minerals and Energy Resources  
Primary Industries and Resources SA  
Delegate of the Minister for Mineral Resources Development**

***Petroleum and Geothermal Energy Act 2000***  
**S.115**

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES**  
**GELs 267, 269, 270, 271, 272,**  
**273, 274, 275, 276 and 277**

1. Variation of licence conditions is hereby entered on the public register.



**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: 24 February 2011

Ref: 27/2/441

# Petroleum and Geothermal Energy Act 2000

## VARIATION OF GEOTHERMAL EXPLORATION LICENCES GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277

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 section 25 of the *Petroleum and Geothermal Energy Act 2000* and all other enabling powers, for and on behalf of Tom Koutsantonis, Minister for Mineral Resources Development (Minister), pursuant to delegated powers dated 1 October 2009 vary the conditions of the above-mentioned licences, held by -

**Clean Energy Australasia Pty Ltd**  
ACN 122 645 229

Condition 1 of the licences is omitted and the following substituted:

“ 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:-

Year of Term of Licence	Minimum Work Requirements
One	<ul style="list-style-type: none"><li>• Geological and geophysical review.</li></ul> <i>(To be conducted anywhere within the combined areas of GELs 267-277)</i>
Two	<ul style="list-style-type: none"><li>• Geological and geophysical review.</li></ul> <i>(To be conducted anywhere within the combined areas of GELs 267-277)</i>
Three	<ul style="list-style-type: none"><li>• Geological and geophysical review.</li></ul> <i>(To be conducted anywhere within the combined areas of GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277)</i>
Four	<ul style="list-style-type: none"><li>• Geological, geophysical and engineering review.</li></ul> <i>(To be conducted anywhere within the combined areas of GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277)</i>
Five	<ul style="list-style-type: none"><li>• Geological, geophysical and engineering review;</li><li>• Geophysical survey identified as required from ongoing geoscientific and engineering reviews, such as MT, seismic (reprocessing, infill etc.), gravity/magnetic.</li></ul> <i>(To be conducted anywhere within the combined areas of GELs 267, 269, 270, 271, 272, 273, 274, 275, 276 and 277)</i>

Dated: 24 February 2011



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

***Petroleum and Geothermal Energy Act 2000***  
**S.115**

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES**  
**GELs 267, 268, 269, 270, 271, 272,**  
**273, 274, 275, 276 and 277**

1. Variation of licence conditions is hereby entered on the public register.



**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: 24 November 2010

Ref: 27/2/441

# Petroleum and Geothermal Energy Act 2000

## VARIATION OF GEOTHERMAL EXPLORATION LICENCES GELs 267, 268, 269, 270, 271, 272, 273, 274, 275, 276 and 277

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 section 25 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 vary the conditions of the above-mentioned licences, held by -

**Clean Energy Australasia Pty Ltd**  
ACN 122 645 229

Condition 1 of the licences is omitted and the following substituted:

“ 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:-

Year of Term of Licence	Minimum Work Requirements
One	<ul style="list-style-type: none"><li>• Geological and geophysical review.</li></ul> <i>(To be conducted anywhere within the combined areas of GELs 267 – 277)</i>
Two	<ul style="list-style-type: none"><li>• Geological and geophysical review.</li></ul> <i>(To be conducted anywhere within the combined areas of GELs 267 – 277)</i>
Three	<ul style="list-style-type: none"><li>• Geological and geophysical review.</li></ul> <i>(To be conducted anywhere within the combined areas of GELs 267 – 277)</i>
Four	<ul style="list-style-type: none"><li>• Geological, geophysical and engineering review.</li></ul> <i>(To be conducted anywhere within the combined areas of GELs 267 – 277)</i>
Five	<ul style="list-style-type: none"><li>• Geological, geophysical and engineering review.</li><li>• Geophysical survey identified as required from ongoing geoscientific and engineering reviews, such as MT, seismic (reprocessing, infill, etc), gravity/magnetics.</li></ul> <i>(To be conducted anywhere within the combined areas of GELs 267 – 277)</i>

Dated: 24 November 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**

## PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

*Suspension of Geothermal Exploration Licences—  
GELs 267, 268, 269, 270, 271, 272, 273, 274, 275, 276 and 277*

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, for the period from and including 22 May 2010 to 21 May 2011, pursuant to delegated powers dated 1 October 2009.

The expiry date of Geothermal Exploration Licences GELs 267, 268, 269, 270, 271, 272, 273, 274, 275, 276 and 277 is now determined to be 22 May 2013.

Dated 28 May 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

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***Petroleum and Geothermal Energy Act 2000***  
**S.115**

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES**  
**GELs 267, 268, 269, 270, 271, 272, 273, 274, 275, 276 and 277**

1. Suspension of licence from and including 22 May 2010 to 21 May 2011 is hereby entered on the public register.
2. The expiry date of GELs 267, 268, 269, 270, 271, 272, 273, 274, 275, 276 and 277 is now determined to be 22 May 2013.



**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: 28 May 2010

Ref: 27/2/441

***Petroleum and Geothermal Energy Act 2000***  
**S.90**

**SUSPENSION OF  
GEOTHERMAL EXPLORATION LICENCES  
GELs 267, 268, 269, 270, 271, 272, 273, 274, 275, 276 and 277**

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 267, 268, 269, 270, 271, 272, 273, 274, 275, 276 and 277 for the period from and including 22 May 2010 to 21 May 2011.

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

The expiry date of GELs 267, 268, 269, 270, 271, 272, 273, 274, 275, 276 and 277 is now determined to be 22 May 2013.

Dated: 28 May 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**

**Petroleum Act 2000  
S.115**

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES  
GELs 267, 268, 269, 270, 271, 272,  
273, 274, 275, 276 AND 277**

1. Variation of licence conditions is hereby entered on the public register.



**C. D. COCKSHELL  
A/Director Petroleum and Geothermal  
Minerals and Energy Resources  
Primary Industries and Resources SA  
Delegate of the Minister for Mineral Resources Development**

Date: 4 June 2009

Ref: 27/2/441

# Petroleum Act 2000

## VARIATION OF GEOTHERMAL EXPLORATION LICENCES GELs 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277

I, CYRIL DAVID COCKSHELL, Acting Director Petroleum and Geothermal, Minerals and Energy Resources, Department of Primary Industries and Resources in the State of South Australia, pursuant to section 25 of the *Petroleum 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 28 March 2002, Gazetted 11 April 2002, page 1573, hereby vary the conditions of the above-mentioned petroleum exploration licence held by -

**Clean Energy Australasia Pty Ltd**  
ACN 122 645 229


Condition 1 of the licence is omitted and the following substituted:

- " 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. Years 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:-

Year of Term of Licence	Minimum Work Requirements
One	<ul style="list-style-type: none"><li>Geological and geophysical review</li></ul> <i>(To be conducted anywhere in the area covered by GELs 267-277)</i>
Two	<ul style="list-style-type: none"><li>Geological and geophysical review.</li></ul> <i>(To be conducted anywhere in the area covered by GELs 267-277)</i>
Three	<ul style="list-style-type: none"><li>Geological and geophysical review.</li></ul> <i>(To be conducted anywhere in the area covered by GELs 267-277)</i>
Four	<ul style="list-style-type: none"><li>Well site preparation and site clearances as required; and</li><li>100km seismic / gravity / magnetic reprocessing</li></ul> <i>(To be conducted anywhere in the area covered by GELs 267-277)</i>

Five	<ul style="list-style-type: none"> <li>• Drill one deep well 3 to 4km and/or re-enter and deepen existing well/s to 3 to 4km;</li> <li>• Conduct fracture stimulation as required; and</li> <li>• Conduct heat flow testing trial.</li> </ul> <p><i>(To be conducted anywhere in the area covered by GELs 267-277)</i></p>
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Dated: 4 June 2009



**C.D. COCKSHELL**  
**A/Director Petroleum and Geothermal**  
**Minerals and Energy Resources**  
**Primary Industries and Resources SA**  
**Delegate of the Minister for Mineral Resources Development**

## PETROLEUM ACT 2000

*Grant of Geothermal Exploration Licences*

NOTICE is hereby given that the undermentioned Geothermal Exploration Licences have been granted with effect from and including 24 January 2007, under the provisions of the Petroleum Act 2000, pursuant to delegated powers dated 28 March 2002, *Gazetted* 11 April 2002, page 1573.

No. of Licence	Licensee	Locality	Date of Expiry	Reference
GEL 267	Clean Energy Australasia Pty Ltd	Cooper Basin, South Australia	22 May 2012	27/2/441
GEL 268	Clean Energy Australasia Pty Ltd	Cooper Basin, South Australia	22 May 2012	27/2/441
GEL 269	Clean Energy Australasia Pty Ltd	Cooper Basin, South Australia	22 May 2012	27/2/441
GEL 270	Clean Energy Australasia Pty Ltd	Cooper Basin, South Australia	22 May 2012	27/2/441
GEL 271	Clean Energy Australasia Pty Ltd	Cooper Basin, South Australia	22 May 2012	27/2/441
GEL 272	Clean Energy Australasia Pty Ltd	Cooper Basin, South Australia	22 May 2012	27/2/441
GEL 273	Clean Energy Australasia Pty Ltd	Cooper Basin, South Australia	22 May 2012	27/2/441
GEL 274	Clean Energy Australasia Pty Ltd	Cooper Basin, South Australia	22 May 2012	27/2/441
GEL 275	Clean Energy Australasia Pty Ltd	Cooper Basin, South Australia	22 May 2012	27/2/441
GEL 276	Clean Energy Australasia Pty Ltd	Cooper Basin, South Australia	22 May 2012	27/2/441
GEL 277	Clean Energy Australasia Pty Ltd	Cooper Basin, South Australia	22 May 2012	27/2/441

*Description of Area—GEL 267*

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

Commencing at a point being the intersection of latitude 27°30'00"S GDA94 and longitude 140°36'00"E GDA94, thence east to longitude 140°49'30"E GDA94, south to latitude 27°40'00"S GDA94, west to longitude 140°46'00"E GDA94, south to latitude 27°41'00"S GDA94, west to longitude 140°36'00"E GDA94, south to latitude 27°42'00"S GDA94, west to longitude 140°33'00"E GDA94, north to latitude 27°39'00"S GDA94, east to longitude 140°34'00"E GDA94, north to latitude 27°37'00"S GDA94, east to longitude 140°35'00"E GDA94, north to latitude 27°31'00"S GDA94, east to longitude 140°36'00"E GDA94 and north to the point of commencement.

Area: 498 km<sup>2</sup> approximately.

*Description of Area—GEL 268*

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

Commencing at a point being the intersection of latitude 27°33'00"S GDA94 and longitude 140°49'30"E GDA94, thence east to longitude 140°50'00"E GDA94, south to latitude 27°35'00"S GDA94, east to the eastern border of the State of South Australia, thence southerly along the border of the said State to latitude 27°57'00"S GDA94, west to longitude 140°58'00"E GDA94, north to latitude 27°56'00"S GDA94, west to longitude 140°50'00"E GDA94, north to latitude 27°55'00"S GDA94, west to longitude 140°47'00"E GDA94, north to latitude 27°52'00"S GDA94, east to longitude 140°51'00"E GDA94, north to latitude 27°50'00"S GDA94, east to longitude 140°54'00"E GDA94, north to latitude 27°49'00"S GDA94, east to longitude 140°56'00"E GDA94, north to latitude 27°40'00"S GDA94, west to longitude 140°49'30"E GDA94 and north to the point of commencement.

Area: 497 km<sup>2</sup> approximately.

*Description of Area—GEL 269*

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

Commencing at a point being the intersection of latitude 27°55'00"S GDA94 and longitude 140°47'00"E GDA94, thence east to longitude 140°50'00"E GDA94, south to latitude 28°16'00"S GDA94, west to longitude 140°48'00"E GDA94, north to latitude 28°10'00"S GDA94, west to longitude 140°30'00"E GDA94, north to latitude 28°08'00"S GDA94, east to longitude 140°32'00"E GDA94, north to latitude 28°07'00"S GDA94, east to longitude 140°35'00"E GDA94, north to latitude 28°05'00"S GDA94, east to longitude 140°39'00"E GDA94, north to latitude 28°03'00"S GDA94, east to longitude 140°42'00"E GDA94, north to latitude 28°01'00"S GDA94, east to longitude 140°45'00"E GDA94, north to latitude 27°57'00"S GDA94, east to longitude 140°47'00"E GDA94 and north to the point of commencement.

Area: 496 km<sup>2</sup> approximately.

*Description of Area—GEL 270*

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

Commencing at a point being the intersection of latitude 28°12'00"S GDA94 and longitude 140°50'00"E GDA94, thence east to longitude 140°54'00"E GDA94, south to latitude 28°13'00"S GDA94, east to the eastern border of the State of South Australia, thence southerly along the border of the said State to latitude 28°26'00"S GDA94, west to longitude 140°57'00"E GDA94, north to latitude 28°25'00"S GDA94, west to longitude 140°56'00"E GDA94, north to latitude 28°20'00"S GDA94, west to longitude 140°51'00"E GDA94, south to latitude 28°30'00"S GDA94, west to longitude 140°45'00"E GDA94, north to latitude 28°20'00"S GDA94, east to longitude 140°48'00"E GDA94, north to latitude 28°16'00"S GDA94, east to longitude 140°50'00"E GDA94 and north to the point of commencement.

Area: 496 km<sup>2</sup> approximately.

*Description of Area—GEL 271*

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

Commencing at a point being the intersection of latitude 27°56'00"S GDA94 and longitude 140°50'00"E GDA94, thence east to longitude 140°58'00"E GDA94, south to latitude 27°57'00"S GDA94, east to the eastern border of the State of South Australia, thence southerly along the border of the said State to latitude 28°13'00"S GDA94, west to longitude 140°54'00"E GDA94, north to latitude 28°12'00"S GDA94, west to longitude 140°50'00"E GDA94, and north to the point of commencement.

Area: 494 km<sup>2</sup> approximately.

*Description of Area—GEL 272*

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

Commencing at a point being the intersection of latitude 28°10'00"S GDA94 and longitude 140°30'00"E GDA94, thence east to longitude 140°48'00"E GDA94, south to latitude 28°20'00"S GDA94, west to longitude 140°45'00"E GDA94, north to latitude 28°19'00"S GDA94, west to longitude 140°30'00"E GDA94 and north to the point of commencement.

Area: 498 km<sup>2</sup> approximately.

*Description of Area—GEL 273*

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

Commencing at a point being the intersection of latitude 28°01'00"S GDA94 and longitude 140°03'00"E GDA94, thence east to longitude 140°11'00"E GDA94, south to latitude 28°02'00"S GDA94, west to longitude 140°09'00"E GDA94, south to latitude 28°03'00"S GDA94, west to longitude 140°08'00"E GDA94, south to latitude 28°10'00"S GDA94, east to longitude 140°09'00"E GDA94, south to latitude 28°11'00"S GDA94, east to longitude 140°10'00"E GDA94, south to latitude 28°12'00"S GDA94, west to longitude 140°07'00"E GDA94, south to latitude 28°16'00"S GDA94, east to longitude 140°09'00"E GDA94, south to latitude 28°21'00"S GDA94, west to longitude 140°02'00"E GDA94, south to latitude 28°22'00"S GDA94, west to longitude 139°52'00"E GDA94, north to latitude 28°18'00"S GDA94, east to longitude 140°02'00"E GDA94, north to latitude 28°04'00"S GDA94, east to longitude 140°03'00"E GDA94 and north to the point of commencement.

Area: 498 km<sup>2</sup> approximately.

*Description of Area—GEL 274*

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

Commencing at a point being the intersection of latitude 28°19'00"S GDA94 and longitude 140°27'00"E GDA94, thence east to longitude 140°33'00"E GDA94, south to latitude 28°34'00"S GDA94, west to longitude 140°16'00"E GDA94, north to latitude 28°33'00"S GDA94, west to longitude 140°15'00"E GDA94, north to latitude 28°32'00"S GDA94, west to longitude 140°14'00"E GDA94, north to latitude 28°28'00"S GDA94, east to longitude 140°27'00"E GDA94 and north to the point of commencement.

Area: 497 km<sup>2</sup> approximately.

*Description of Area—GEL 275*

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

Commencing at a point being the intersection of latitude 28°19'00"S GDA94 and longitude 140°09'00"E GDA94, thence east to longitude 140°27'00"E GDA94, south to latitude 28°24'30"S GDA94, west to longitude 140°02'00"E GDA94, south to latitude 28°28'00"S GDA94, west to longitude 139°57'30"E GDA94, north to latitude 28°24'30"S GDA94, west to longitude 139°52'00"E GDA94, north to latitude 28°22'00"S GDA94, east to longitude 140°02'00"E GDA94, north to latitude 28°21'00"S GDA94, east to longitude 140°09'00"E GDA94, and north to the point of commencement.

Area: 495 km<sup>2</sup> approximately.

*Description of Area—GEL 276*

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

Commencing at a point being the intersection of latitude 27°45'00"S GDA94 and longitude 140°01'00"E GDA94, thence east to longitude 140°09'00"E GDA94, south to latitude 28°01'00"S GDA94, west to longitude 140°03'00"E GDA94, south to latitude 28°04'00"S GDA94, west to longitude 139°56'00"E GDA94, north to latitude 28°00'00"S GDA94, east to longitude 139°59'00"E GDA94, north to latitude 27°55'00"S GDA94, east to longitude 140°01'00"E GDA94 and north to the point of commencement.

Area: 497 km<sup>2</sup> approximately.

*Description of Area—GEL 277*

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

Commencing at a point being the intersection of latitude 27°37'00"S GDA94 and longitude 140°33'00"E GDA94, thence east to longitude 140°34'00"E GDA94, south to latitude 27°39'00"S GDA94, west to longitude 140°33'00"E GDA94, south to latitude 27°42'00"S GDA94, west to longitude 140°32'00"E GDA94, south to latitude 27°43'00"S GDA94, west to longitude 140°23'00"E GDA94, south to latitude 27°44'00"S GDA94, west to longitude 140°22'00"E GDA94, south to latitude 27°45'00"S GDA94, west to longitude 140°21'00"E GDA94, south to latitude 27°46'00"S GDA94, west to longitude 140°20'00"E GDA94, south to latitude 27°47'00"S GDA94, west to longitude 140°19'00"E GDA94, south to latitude 27°48'00"S GDA94, west to longitude 140°18'00"E GDA94, south to latitude 27°49'00"S GDA94, west to longitude 140°17'00"E GDA94, south to latitude 27°50'00"S GDA94, west to longitude 140°16'00"E GDA94, south to latitude 27°51'00"S GDA94, west to longitude 140°15'00"E GDA94, south to latitude 27°52'00"S GDA94, west to longitude 140°14'00"E GDA94, south to latitude 27°53'00"S GDA94, west to longitude 140°13'00"E GDA94, south to latitude 27°54'00"S GDA94, west to longitude 140°12'00"E GDA94, south to latitude 27°58'00"S GDA94, west to longitude 140°11'00"E GDA94, south to latitude 28°01'00"S GDA94, west to longitude 140°09'00"E GDA94, north to latitude 27°48'00"S GDA94, east to longitude 140°10'00"E GDA94, north to latitude 27°47'00"S GDA94, east to longitude 140°11'00"E GDA94, north to latitude 27°46'00"S GDA94, east to longitude 140°13'00"E GDA94, north to latitude 27°45'00"S GDA94, east to longitude 140°14'00"E GDA94, north to latitude 27°44'00"S GDA94, east to longitude 140°15'00"E GDA94, north to latitude 27°43'00"S GDA94, east to longitude 140°17'00"E GDA94, north to latitude 27°42'00"S GDA94, east to longitude 140°20'00"E GDA94, north to latitude 27°41'00"S GDA94, east to longitude 140°21'00"E GDA94, north to latitude 27°40'00"S GDA94, east to longitude 140°22'00"E GDA94, north to latitude 27°39'00"S GDA94, east to longitude 140°23'00"E GDA94, north to latitude 27°38'00"S GDA94, east to longitude 140°33'00"E GDA94 and north to the point of commencement.

Area: 491 km<sup>2</sup> approximately.

Dated 23 May 2007.

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

**Petroleum Act 2000  
S.115**

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES  
GELs 267, 268, 269, 270, 271, 272, 273, 274, 275, 276 and 277**

1. These licences granted on 23 May 2007 are hereby entered on the public register.
2. Interests in the licences are:-

Clean Energy Australasia 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: 23 May 2007

Ref: 27/2/441

# **PETROLEUM ACT 2000**

## **GEOHERMAL EXPLORATION LICENCE**

### **GEL 267**

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 Act 2000* and all other enabling powers, for and on behalf of Paul Holloway, Minister for Mineral Resources Development (Minister), pursuant to delegation dated 28 March 2002, (refer Government Gazette dated 11 April 2002 page 1573), HEREBY GRANT to:

**Clean Energy Australasia Pty Ltd ACN 122 645 229**

(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 22 May 2012 but carrying the right of renewal under the *Petroleum 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:-

<b>Year of Term of Licence</b>	<b>Minimum Work Requirements</b>
<b>One</b>	<ul style="list-style-type: none"><li>• Geological and geophysical review.</li></ul> (to be conducted anywhere in the area covered by GELs 267 to 277)
<b>Two</b>	<ul style="list-style-type: none"><li>• Geological and geophysical review.</li></ul> (to be conducted anywhere in the area covered by GELs 267 to 277)
<b>Three</b>	<ul style="list-style-type: none"><li>• Measurement of detailed geothermal gradients in accessible well(s).</li><li>• Design and plan a demonstration heat exchange plant.</li></ul> (to be conducted anywhere in the area covered by GELs 267 to 277)
<b>Four</b>	<ul style="list-style-type: none"><li>• Conduct shallow pilot drilling and measure detailed geothermal gradients; and/or re-enter and deepen existing well(s) and measure detailed geothermal gradients</li><li>• 100 line kilometres of seismic reprocessing</li><li>• Conduct heat exchange trial</li></ul> (to be conducted anywhere in the area covered by GELs 267 to 277)

<b>Five</b>	<ul style="list-style-type: none"> <li>• Drill 1 deep well and/or deepen existing wells (3,000-4,000m)</li> <li>• Conduct heat exchange and power generation trial.</li> </ul> <p>(to be conducted anywhere in the area covered by GELs 267 to 277)</p>
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- 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 Act 2000*, that the report also includes an assessment of the potential economic consequences for other licensees under the *Petroleum Act 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 *2000* cannot transfer, limit or exclude liability under the *Petroleum 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: 23 May .....2007



**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: 16 MAY 2007

Authorised Representative

JOE REICHMAN

Name

CEO

Position

CLEAN ENERGY AUSTRALASIA

Company

Witness

ROD THURGOOD

Name

DIRECTOR

Position

CLEAN ENERGY AUSTRALASIA

Company

# **GEOHERMAL EXPLORATION LICENCE**

## **GEL 267**

### **THE SCHEDULE**

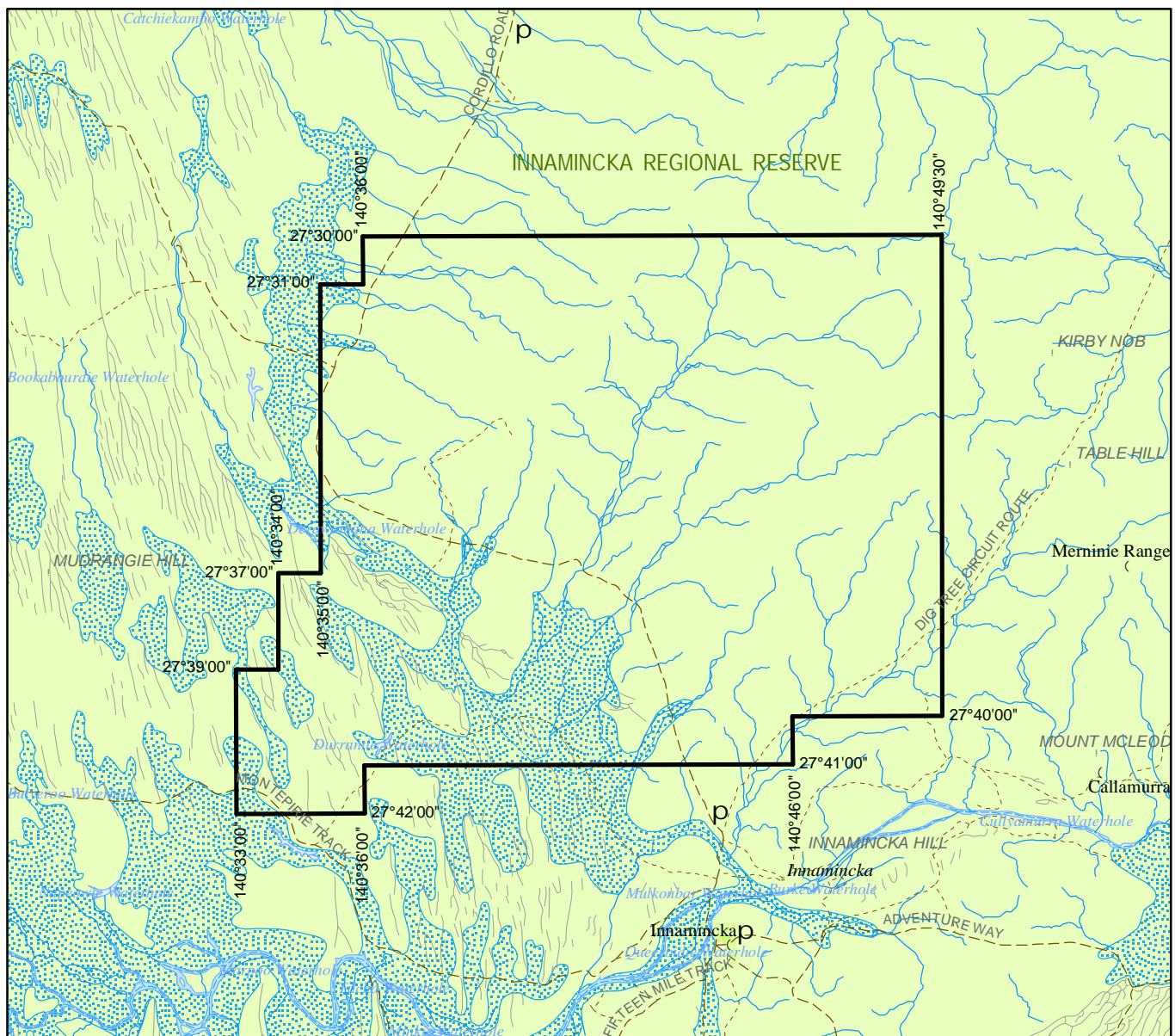
#### **Description of Area**

#### **DESCRIPTION OF AREA**

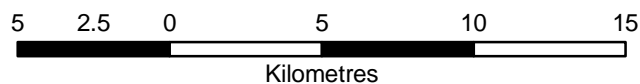
All that part of the State of South Australia, bounded as follows:-

Commencing at a point being the intersection of latitude 27°30'00"S GDA94 and longitude 140°36'00"E GDA94, thence east to longitude 140°49'30"E GDA94, south to latitude 27°40'00"S GDA94, west to longitude 140°46'00"E GDA94, south to latitude 27°41'00"S GDA94, west to longitude 140°36'00"E GDA94, south to latitude 27°42'00"S GDA94, west to longitude 140°33'00"E GDA94, north to latitude 27°39'00"S GDA94, east to longitude 140°34'00"E GDA94, north to latitude 27°37'00"S GDA94, east to longitude 140°35'00"E GDA94, north to latitude 27°31'00"S GDA94, east to longitude 140°36'00"E GDA94, and north to the point of commencement.

AREA: **498** square kilometres approximately.



SCALE 1:250 000



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 HEREINBEFORE REFERRED TO

# GEOHERMAL EXPLORATION LICENCE NO: 267



Government of South Australia  
Primary Industries and Resources SA

SR 27/2/441

AREA: **498** sq km (approx)