## INDEX OF DOCUMENTS HELD ON THE PUBLIC REGISTER FOR GEOTHERMAL EXPLORATION LICENCE GEL 378

1. **29 October 2008**  
   Geothermal Exploration Licence GEL 378 granted  
   
   **Interests:**  
   Stuart Petroleum Limited    100%  
   
   **Expiry Date:** 28 October 2013

2. **29 October 2008**  
   Memorandum entering GEL 378 on the public register.

3. **6 November 2008**  
   Gazetral of grant of licence.

4. **4 July 2011**  
   Memorandum entering notation of revision to security arrangements on the public register.

5. **10 August 2011**  
   Memorandum entering notation of change of company name on the public register.  
   
   From: Stuart Petroleum Limited  
   To: Stuart Petroleum Pty Ltd

6. **10 August 2011**  
   Certificate of Registration on Change of Name

7. **15 August 2011**  
   Suspension of licence for the period from and including 4 August 2011 to 3 August 2012.  
   
   GEL 378 is now due to expire 28 October 2014.

8. **15 August 2011**  
   Memorandum entering suspension of licence on the public register.

9. **18 August 2011**  
   Gazetral of suspension of licence.

10. **19 September 2012**  
    Memorandum entering notation of revision to security arrangements on the public register.

11. **8 October 2012**  
    Consolidation of licence area with GELs 379, 380 and 381.  
    
    The total area of GEL 378 is now 1,565 km² approximately.

12. **8 October 2012**  
    Memorandum entering consolidation of licence area on the public register.

13. **8 October 2012**  
    Suspension of licence for the period from and including 8 October 2012 to 7 October 2013.
New expiry date of GEL 378 is 28 October 2015.

14. 8 October 2012  Memorandum entering suspension of licence on the public register.

15. 11 October 2012  Gazettal of suspension.

16. 31 October 2013  Variation of licence conditions.

17. 31 October 2013  Memorandum entering variation of licence conditions on the public register.

18. 28 May 2014  Memorandum entering notation of revision to security arrangements on the public register.

19. 27 October 2014  Memorandum entering notation of revision to security arrangements on the public register.

20. 16 December 2014  Memorandum entering notation of revision to security arrangements on the public register.

21. 27 August 2015  Memorandum entering notation of extension of time to submit a renewal application on the public register.
MEMORANDUM

GEOTHERMAL EXPLORATION LICENCES
GELs 378, 382 and 386

1. Notation of extension of time to 28 September 2015 by which the licensee must apply for the renewal of Geothermal Exploration Licences GELs 378, 382 and 386 is hereby entered on the public register.

NICK PANAGOPOULOS
A/Executive Director
Energy Resources Division
Department of State Development
Delegate of the Minister for Mineral Resources and Energy

Date: 27 August 2015

File: F2012/000725
MEMORANDUM

PETROLEUM EXPLORATION LICENCES
PELs 87, 88, 90, 93, 100, 110, 182, 288, 289, 290, 331, 424, 516, 636, 637 and 638

PETROLEUM PRODUCTION LICENCES
PPLs 203, 207, 208, 209, 211, 213, 214, 215, 217, 218, 221, 240, 241, 242, 243, 251 and 258

PETROLEUM RETENTION LICENCES
PRLs 15, 16, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 105, 106, 107, 108, 109, 110, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149 and 150

GEOTHERMAL EXPLORATION LICENCES
GELs 378, 382 and 386

GAS STORAGE EXPLORATION LICENCES
GSELs 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624 and 625

SPECIAL FACILITIES LICENCE
SFL 10

1. Notation of revision to security arrangements 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: 15 December 2014
MEMORANDUM

PETROLEUM EXPLORATION LICENCES
PELs 87, 88, 90, 93, 100, 104, 110, 111, 182, 288, 289, 290, 331, 424, 514, 516, 636, 637 and 638

PETROLEUM PRODUCTION LICENCES
PPLs 203, 207, 208, 209, 211, 213, 214, 215, 217, 218, 221, 240, 241, 242, 243, 251 and 258

PETROLEUM RETENTION LICENCES
PRLs 15, 16, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 105, 106, 107, 108, 109, 110, 116 and 117

GEOTHERMAL EXPLORATION LICENCES
GELs 378, 382 and 386

GAS STORAGE EXPLORATION LICENCES
GSELs 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624 and 625

SPECIAL FACILITIES LICENCE
SFL 10

1. Notation of revision to security arrangements 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: 27 October 2014
MEMORANDUM

PETROLEUM EXPLORATION LICENCES
PELs 87, 88, 90, 93, 100, 104, 110, 111, 182, 288, 289, 290, 331, 424, 514, 516, 636 and 637

PETROLEUM PRODUCTION LICENCES
PPLs 203, 207, 208, 209, 211, 213, 214, 215, 217, 218, 221, 240, 241, 242, 243 and 251

PETROLEUM RETENTION LICENCES
PRLs 15, 16, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 105, 106, 107, 108, 109, 110, 116 and 117

GEOTHERMAL EXPLORATION LICENCES
GELs 378, 382 and 386

GAS STORAGE EXPLORATION LICENCES
GSELs 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624 and 625

SPECIAL FACILITIES LICENCE
SFL 10

1. Notation of revision to security arrangements 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: 28 May 2014

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<td>F2013/159</td>
<td>F2013/2356</td>
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</tr>
</tbody>
</table>
MEMORANDUM

GEOTHERMAL EXPLORATION LICENCES
GELs 378, 382 and 386

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

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: 31 October 2013

Ref: F2012/000725
Petroleum and Geothermal Energy Act 2000  
s25(4)

VARIATION OF  
GEOTHERMAL EXPLORATION LICENCES  
GELs 378, 382 and 386

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

Stuart Petroleum Pty Ltd  
ACN 059 146 226

Condition 1 of the licence is omitted and the following substituted with effect from the commencement of licence year 1:

“ 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>
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<tbody>
<tr>
<td>One</td>
<td>Geological and geophysical studies.</td>
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<tr>
<td>Two</td>
<td>Geological and geophysical studies.</td>
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<td>Three</td>
<td>Geological and Geophysical Studies.</td>
</tr>
<tr>
<td>Four</td>
<td>Geological and Geophysical Studies.</td>
</tr>
<tr>
<td>Five</td>
<td>Geological and Geophysical Studies</td>
</tr>
</tbody>
</table>

Dated: 31 October 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

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PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

Suspension of Geothermal Exploration Licences—
GELs 378, 382 and 386

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 8 October 2012 until 7 October 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 378, 382 and 386 is now determined to be 28 October 2015.

Dated 8 October 2012.

C. D. COCKSHELL,
Acting 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 378, 382 and 386

1. Suspension of licences 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: 8 October 2012

Ref: 27/2/524
Petroleum and Geothermal Energy Act 2000
S.90

SUSPENSION OF
GEOTHERMAL EXPLORATION LICENCES
GELs 378, 382 and 386

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 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 378, 382 and 386 for the period from and including 8 October 2012 to 7 October 2013.

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

2. The expiry date of GELs 378, 382 and 386 is now determined to be 28 October 2015.

Dated: 8 October 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 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389

1. Consolidation of the adjacent licence areas of GELs 378, 379, 380 and 381 whereby the consolidated licence area is now designated as GEL 378 is hereby entered on the public register.

The total area of GEL 378 is now 1,565 km² approximately.

2. Consolidation of the adjacent licence areas of GELs 382, 383, 384 and 385 whereby the consolidated licence area is now designated as GEL 382 is hereby entered on the public register.

The total area of GEL 382 is now 1,955 km² approximately.

3. Consolidation of the adjacent licence areas of GELs 386, 387, 388 and 389 whereby the consolidated licence area is now designated as GEL 386 is hereby entered on the public register.

The total area of GEL 386 is now 1,976 km² approximately.

4. Revocation of GELs 379, 380, 381, 383, 384, 385, 387, 388 and 389 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 Minster for Mineral Resources and Energy

Date: 8 October 2012
Ref: 27/2/524

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Petroleum and Geothermal Energy Act 2000

CONSOLIDATION OF LICENCE AREAS
GEOTHERMAL EXPLORATION LICENCES
GELs 378, 379, 380 and 381

REVOCATION OF LICENCE
GEOTHERMAL EXPLORATION LICENCES
GELs 379, 380 and 381

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 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 -

1. Consolidate the adjacent areas of Geothermal Exploration Licences GELs 378, 379, 380 and 381 held by –

Stuart Petroleum Pty Ltd
ACN 059 146 226

The consolidated licence area shall be designated as:

Geothermal Exploration Licence GEL 378

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 28°05'00"S AGD66 and longitude 139°25'00"E AGD66, thence east to longitude 139°36'00"E GDA94, south to latitude 28°08'00"S GDA94, west to longitude 139°35'00"E GDA94, south to latitude 28°16'00"S GDA94, east to longitude 139°37'00"E GDA94, south to latitude 28°17'00"S GDA94, east to longitude 139°41'00"E GDA94, south to latitude 28°31'00"S GDA94, east to longitude 139°57'00"E GDA94, south to latitude 28°33'00"S GDA94, east to longitude 140°08'00"E GDA94, north to latitude 28°32'00"S GDA94, east to longitude 140°15'00"E GDA94, south to latitude 28°33'00"S GDA94, east to longitude 140°16'00"E GDA94, south to latitude 28°34'00"S GDA94, west to longitude 140°09'00"E GDA94, south to latitude 28°40'00"S AGD66, west to longitude 139°38'00"E GDA94, north to latitude 28°32'00"S GDA94, west to longitude 139°37'00"E GDA94, north to latitude 28°27'00"S GDA94, west to longitude 139°31'00"E GDA94, north to latitude 28°20'00"S GDA94, west to longitude 139°30'00"E GDA94, north to latitude 28°19'00"S GDA94, west to longitude 139°25'00"E AGD66, and north to the point of commencement.

AREA: 1565 square kilometres approximately.
2. Consequently revoke Geothermal Exploration Licences GELs 379, 380 and 381.

As a consequence of the consolidation, the work program forming 'condition 1' of the consolidated GEL 378 comprises:

<table>
<thead>
<tr>
<th>Year of Term of Licence</th>
<th>Minimum Work Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td>• Geological and geophysical studies.</td>
</tr>
<tr>
<td>Two</td>
<td>• Geological and geophysical studies.</td>
</tr>
<tr>
<td>Three</td>
<td>• Geological and geophysical studies.</td>
</tr>
<tr>
<td>Four</td>
<td>• Geological and geophysical studies.</td>
</tr>
<tr>
<td>Five</td>
<td>• Drill four exploration wells.</td>
</tr>
</tbody>
</table>

Dated: 8 October 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
The following signature evidences the consent of the licensee to the consolidation of GELs 378, 379, 380 and 381 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 Stuart Petroleum Pty Ltd by its authorised representative:

[Signature]

Date 24-09-2012

Authorised Representative

IAN RICHARD DAVIES

Name

Managing Director

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 Australian Geodetic Datum (AGD66), the Geocentric Datum of Australia (GDA94) and the schedule.

THE PLAN HEREBEFORE REFERRED TO

GEOTHERMAL EXPLORATION LICENCE NO: 378

SR 27/2/524a AREA: 1565 sq km (approx)
MEMORANDUM

PETROLEUM EXPLORATION LICENCES
PELs 90, 93, 100, 102, 113 and 516

PETROLEUM RETENTION LICENCE
PRL 16

PETROLEUM PRODUCTION LICENCES
PPLs 203, 207, 208, 209, 211, 215, 217, 218 and 221

GEOTHERMAL EXPLORATION LICENCES
GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389

1. Notation of receipt of additional security in the form of An ANZ Bank Guarantee dated 5 September 2012 is hereby entered on the public register.

2. Security is held to cover any single event occurring in any licence held by Stuart Petroleum Pty Ltd.

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: 19 September 2012

File: 27/2/168 27/2/171 27/2/180
27/2/182 27/2/199 28/1/359
27/2/379 27/2/524 27/2/534
27/2/380 28/1/381 28/1/386
28/1/405 28/1/410 28/1/411
28/1/423 F2010/25
PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

Suspension of Geothermal Exploration Licences—GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389

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 4 August 2011 until 3 August 2012, pursuant to delegated powers dated 1 October 2009.

The expiry date of GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389 is now determined to be 28 October 2014.

Dated 15 August 2011.

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

GEOTHERMAL EXPLORATION LICENCES
GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389

1. Suspension of licence from and including 4 August 2011 to 3 August 2012 is hereby entered on the public register.

2. The expiry date of GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389 is now determined to be 28 October 2014.

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

Date: 15 August 2011

Ref: 27/2/524
Petroleum and Geothermal Energy Act 2000
S.90

SUSPENSION OF
GEOTHERMAL EXPLORATION LICENCES
GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389

I, BARRY ALAN GOLDSTEIN, Executive Director, Petroleum and Geothermal Division, 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 -


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

The expiry date of GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389 is now determined to be 28 October 2014.

Dated: 15 August 2011

BARRY A. GOLDSTEIN
Executive Director
Petroleum and Geothermal Division
Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources Development
Certificate of Registration on Conversion to a Proprietary Company

This is to certify that

STUART PETROLEUM LIMITED
Australian Company Number 059 146 226

on the fourteenth day of July 2011 converted to a proprietary company.

The name of the company is now

STUART PETROLEUM PTY LTD
Australian Company Number 059 146 226

The company is registered under the Corporations Act 2001 and is taken to be registered in Western Australia and the date of commencement of registration is the fifth day of May, 1993.

Issued by the
Australian Securities and Investments Commission
on this fourteenth day of July, 2011.

[Signature]
Greg Medcraft
Chairman
Petroleum and Geothermal Energy Act 2000
S.115

MEMORANDUM

PETROLEUM EXPLORATION LICENCES
PELs 90, 93, 100, 102, 113 and 516

PETROLEUM RETENTION LICENCE
PRL 16

PETROLEUM PRODUCTION LICENCES
PPLs 203, 207, 208, 209, 211, 215, 217, 218 and 221

ASSOCIATED ACTIVITIES LICENCE
AAL 147

GEOTHERMAL EXPLORATION LICENCES
GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389

1. Notation of change of company name –

From: Stuart Petroleum Ltd
To: Stuart Petroleum Pty Ltd

is hereby entered on the public registers.

J. S. ZABROWARNY
A/Executive Director
Petroleum and Geothermal Division
Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources
Development

Date: 10 August 2011

File: 27/2/168  27/2/534  28/1/386
     27/2/171  27/2/552  28/1/405
     27/2/182  28/1/359  28/1/410
     27/2/199  28/1/379  28/1/411
     27/2/517  28/1/380  28/1/423
     27/2/524  28/1/381  F2010/000025
MEMORANDUM

PETROLEUM EXPLORATION LICENCES
PELs 90, 93, 100, 102, 113 and 516

PETROLEUM RETENTION LICENCE
PRL 16

PETROLEUM PRODUCTION LICENCES
PPLs 203, 207, 208, 209, 211, 215, 217, 218 and 221

GEOTHERMAL EXPLORATION LICENCES
GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389

1. Notation of receipt of security in the form of a Bank Guarantee dated 28 June 2011 is hereby entered on the public register.

2. Security is held to cover any single event occurring in any licence operated by Senex Energy Limited in South Australia.

3. Notation of discharge of security in the form of Bank Guarantees dated 18 December 2006, 18 June 2007 and 7 July 2009 are hereby entered on the public register.

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

Date: 4 July 2011

File: 27/2/168 27/2/171 27/2/180
27/2/182 27/2/199 28/1/359
27/2/379 27/2/524 27/2/534
28/1/380 28/1/381 28/1/386
28/1/405 28/1/410 28/1/411
28/1/423 F2010/25
PETROLEUM ACT 2000

Grant of Geothermal Exploration Licences

NOTICE is hereby given that the undermentioned Geothermal Exploration Licences have been granted under the provisions of the Petroleum Act 2000, pursuant to delegated powers dated 28 March 2002, Gazetted 11 April 2002, page 1573.

<table>
<thead>
<tr>
<th>No of Licence</th>
<th>Licensee</th>
<th>Locality</th>
<th>Date of Expiry</th>
<th>Reference</th>
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<tbody>
<tr>
<td>GEL 378</td>
<td>Stuart Petroleum Limited</td>
<td>Cooper Basin, South Australia</td>
<td>28 October 2013</td>
<td>27/2/524</td>
</tr>
</tbody>
</table>

Description of Area—GEL 378

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

Commencing at a point being the intersection of latitude 28°05′00″S AGD66 and longitude 139°25′00″E AGD66, thence east to longitude 139°36′00″E GDA94, south to latitude 28°06′00″S GDA94, west to longitude 139°35′00″E GDA94, south to latitude 28°16′00″S GDA94, east to longitude 139°37′00″E GDA94, south to latitude 28°17′00″S GDA94, east to longitude 139°41′00″E GDA94, south to latitude 28°19′00″S GDA94, west to longitude 139°25′00″E AGD66 and north to the point of commencement.

Area: 468 km$^2$ approximately.

Description of Area—GEL 379

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 139°30′00″E GDA94, thence east to longitude 139°41′00″E GDA94, south to latitude 28°31′00″S GDA94, east to longitude 139°45′00″E GDA94, south to latitude 28°40′00″S AGD66, west to longitude 139°38′00″E GDA94, north to latitude 28°52′00″S GDA94, west to longitude 139°37′00″E GDA94, north to latitude 28°27′00″S GDA94, west to longitude 139°31′00″E GDA94, north to latitude 28°20′00″S GDA94, west to longitude 139°30′00″E GDA94 and north to the point of commencement.

Area: 483 km$^2$ approximately.

Description of Area—GEL 380

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

Commencing at a point being the intersection of latitude 28°31′00″S GDA94 and longitude 139°45′00″E GDA94, thence east to longitude 139°57′00″E GDA94, south to latitude 28°33′00″S GDA94, east to longitude 140°04′00″E GDA94, south to latitude 28°40′00″S AGD66, west to longitude 139°45′00″E GDA94 and north to the point of commencement.

Area: 467 km$^2$ approximately.

Description of Area—GEL 381

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

Commencing at a point being the intersection of latitude 28°32′00″S GDA94 and longitude 140°08′00″E GDA94, thence east to longitude 140°15′00″E GDA94, south to latitude 28°33′00″S GDA94, east to longitude 140°16′00″E GDA94, south to latitude 28°34′00″S GDA94, west to longitude 140°09′00″E GDA94, south to latitude 28°40′00″S AGD66, west to longitude 140°04′00″E GDA94, north to latitude 28°33′00″S GDA94, east to longitude 140°08′00″E GDA94 and north to the point of commencement.

Area: 146 km$^2$ approximately.

Description of Area—GEL 382

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

Commencing at a point being the intersection of latitude 26°49′00″S GDA94 and longitude 140°45′00″E GDA94, east to the eastern border of the State of South Australia, thence southerly along the border of the said State to latitude 27°00′00″S GDA94, west to longitude 140°50′00″E GDA94, north to latitude 26°59′00″S GDA94, west to longitude 140°45′00″E GDA94 and north to the point of commencement.

Area: 488 km$^2$ approximately.

Description of Area—GEL 383

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

Commencing at a point being the intersection of latitude 27°00′00″S GDA94 and longitude 140°50′00″E GDA94, thence east to the eastern border of the State of South Australia, thence southerly along the border of the said State to latitude 27°15′00″S GDA94, west to longitude 140°49′00″E GDA94, south to longitude 27°02′00″S GDA94, east to longitude 140°50′00″E GDA94 and north to the point of commencement.

Area: 496 km$^2$ approximately.
Description of Area—GEL 384
All that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 26°57'30"S GDA94 and longitude 140°32'00"E GDA94, thence east to longitude 140°45'00"E GDA94, south to latitude 26°59'00"S GDA94, east to longitude 140°50'00"E GDA94, south to latitude 27°02'00"S GDA94, west to longitude 140°49'00"E GDA94, south to latitude 27°07'00"S GDA94, west to longitude 140°32'00"E GDA94 and north to the point of commencement.
Area: 484 km² approximately.

Description of Area—GEL 385
All that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 27°07'00"S GDA94 and longitude 140°29'00"E GDA94, thence east to longitude 140°49'00"E GDA94, south to latitude 27°15'00"S GDA94, west to longitude 140°29'00"E GDA94 and north to the point of commencement.
Area: 488 km² approximately.

Description of Area—GEL 386
All that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 26°49'00"S GDA94 and longitude 140°20'00"E GDA94, thence east to longitude 140°30'00"E GDA94, south to latitude 26°57'30"S GDA94, east to longitude 140°32'00"E GDA94, south to latitude 27°07'00"S GDA94, west to longitude 140°26'00"E GDA94, north to latitude 27°00'00"S GDA94, west to longitude 140°25'00"E GDA94, north to latitude 26°59'00"S GDA94, west to longitude 140°24'00"E GDA94, north to latitude 26°56'00"S GDA94, west to longitude 140°20'00"E GDA94 and north to the point of commencement.
Area: 492 km² approximately.

Description of Area—GEL 387
All that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 27°07'00"S GDA94 and longitude 140°20'00"E GDA94, thence east to longitude 140°29'00"E GDA94, south to latitude 27°15'00"S GDA94, west to longitude 140°27'00"E GDA94, south to latitude 27°26'00"S GDA94, west to longitude 140°26'00"E GDA94, south to latitude 27°29'00"S GDA94, west to longitude 140°22'00"E GDA94, north to latitude 27°27'00"S GDA94, west to longitude 140°20'00"E GDA94 and north to the point of commencement.
Area: 496 km² approximately.

Description of Area—GEL 388
All that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 27°15'00"S GDA94 and longitude 140°39'00"E GDA94, thence east to the eastern border of the State of South Australia, thence southerly along the border of the said State to latitude 27°23'00"S GDA94, west to longitude 140°53'00"E GDA94, north to latitude 27°41'00"S GDA94, west to longitude 140°47'00"E GDA94, south to latitude 27°25'00"S GDA94, west to longitude 140°39'00"E GDA94 and north to the point of commencement.
Area: 496 km² approximately.

Description of Area—GEL 389
All that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 27°15'00"S GDA94 and longitude 140°27'00"E GDA94, thence east to longitude 140°39'00"E GDA94, south to latitude 27°26'00"S GDA94, west to longitude 140°38'00"E GDA94, south to latitude 27°27'00"S GDA94, west to longitude 140°35'00"E GDA94, south to latitude 27°29'00"S GDA94, west to longitude 140°26'00"E GDA94, north to latitude 27°26'00"S GDA94, east to longitude 140°27'00"E GDA94 and north to the point of commencement.
Area: 493 km² approximately.


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

GEOTHERMAL EXPLORATION LICENCES
GELs 378, 379, 380, 381, 382, 383,
384, 385, 386, 387, 388 and 389

1. These Licences granted with effect from and including 29 October 2008 are hereby entered on the public register.

2. Interests in the licences are:-

   Stuart Petroleum Limited       100%

   [Signature]

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

Date: 29 October 2008

Ref: 27/2/524
PETROLEUM ACT 2000

GEOTHERMAL EXPLORATION LICENCE

GEL 378

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:

Stuart Petroleum Limited
ACN 059 146 226

(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 28 October 2013 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:-

<table>
<thead>
<tr>
<th>Year of Term of Licence</th>
<th>Minimum Work Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td>• Geological and Geophysical studies</td>
</tr>
<tr>
<td>Two</td>
<td>• Geological and geophysical studies.</td>
</tr>
<tr>
<td>Three</td>
<td>• Geological and geophysical studies.</td>
</tr>
<tr>
<td>Four</td>
<td>• Geological and geophysical studies.</td>
</tr>
<tr>
<td>Five</td>
<td>• Drill one exploration well.</td>
</tr>
</tbody>
</table>
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: ...................................................... 2008

............................................................
BARRY A. GOLDSMITH
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: 23.1.2008

[Signature]
Authorised Representative

[Cristina Cugieima]
Name

[Managing Director]
Position

[Stuart Petroleum Limited]
Company
GEOTHERMAL EXPLORATION LICENCE

GEL 378

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 28°05'00"S AGD66 and longitude 139°25'00"E AGD66, thence east to longitude 139°36'00"E GDA94, south to latitude 28°06'00"S GDA94, west to longitude 139°35'00"E GDA94, south to latitude 28°16'00"S GDA94, east to longitude 139°37'00"E GDA94, south to latitude 28°17'00"S GDA94, east to longitude 139°41'00"E GDA94, south to latitude 28°19'00"S GDA94, west to longitude 139°25'00"E AGD66, and north to the point of commencement.

AREA: **468** 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 Australian Geodetic Datum (AGD66), the Geocentric Datum of Australia (GDA94) and the schedule.

THE PLAN HEREINBEFORE REFERRED TO

GEOTHERMAL EXPLORATION LICENCE NO: 378

SR 27/2/524a AREA: 468 sq km (approx)