

**INDEX OF DOCUMENTS HELD ON THE PETROLEUM REGISTER FOR  
ASSOCIATED ACTIVITIES LICENCE AAL 164**

---

1. 9 January 2012 Grant of Associated Activities Licence AAL 164.
- Interests in the licence are:-
- |                                      |        |
|--------------------------------------|--------|
| Santos Ltd                           | 40.70% |
| Vamgas Pty Ltd                       | 8.51%  |
| Alliance Petroleum Australia Pty Ltd | 3.97%  |
| Reef Oil Pty Ltd                     | 1.97%  |
| Santos Petroleum Pty Ltd             | 0.40%  |
| Bridge Oil Developments Pty Ltd      | 3.99%  |
| Santos (BOL) Pty Ltd                 | 0.21%  |
| Origin Energy Resources Ltd          | 13.19% |
| Delhi Petroleum Pty Ltd              | 20.21% |
| Basin Oil Pty Ltd                    | 2.10%  |
| Santos (NARNL Cooper) Pty Ltd        | 4.75%  |
2. 9 January 2012 Memorandum entering grant of licence on the public register.
3. 12 January 2012 Gazettal of grant of licence.

## PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

*Grant of Associated Activities Licence—AAL 164**(Adjunct to Petroleum Production Licence PPL 17)*

NOTICE is hereby given that the undermentioned Associated Activities Licence has been granted under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 1 October 2009.

No. of Licence	Licencees	Locality	Reference
AAL 164	Santos Ltd (Operator) Vamgas Pty Ltd Alliance Petroleum Australia Pty Ltd Reef Oil Pty Ltd Santos Petroleum Pty Ltd Bridge Oil Developments Pty Ltd Santos (BOL) Pty Ltd Origin Energy Resources Ltd Delhi Petroleum Pty Ltd Basin Oil Pty Ltd Santos (NARNL Cooper) Pty Ltd	Cooper Basin	F2011/000454

*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°41'56"S GDA94 and longitude 139°55'51"E GDA94, thence east to longitude 140°04'08"E GDA94, south to latitude 27°43'29"S GDA94, east to longitude 140°04'22"E GDA94, south to latitude 27°43'55"S GDA94, east to longitude 140°04'51"E GDA94, south to latitude 27°44'21"S GDA94, east to longitude 140°05'19"E GDA94, south to latitude 27°46'44"S GDA94, west to longitude 140°05'04"E GDA94, south to latitude 27°46'57"S GDA94, west to longitude 140°04'49"E GDA94, south to latitude 27°47'36"S GDA94, west to longitude 140°04'34"E GDA94, south to latitude 27°49'46"S GDA94, west to longitude 140°04'04"E GDA94, south to latitude 27°50'23"S GDA94, west to longitude 139°55'47"E GDA94, north to latitude 27°47'18"S GDA94, west to longitude 139°52'53"E GDA94, north to latitude 27°43'11"S GDA94, east to longitude 139°55'07"E GDA94, north to latitude 27°42'46"S GDA94, east to longitude 139°55'22"E GDA94, north to latitude 27°42'33"S GDA94, east to longitude 139°55'51"E GDA94 and north to the point of commencement.

Area: 266 km<sup>2</sup> approximately.

Dated 9 January 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**

**ASSOCIATED ACTIVITIES LICENCE**  
**AAL 164**

1. This Licence granted on 9 January 2012 is hereby entered on the public register.
2. Interests in the licence are:-

Santos Limited (Operator)	40.70%
Vamgas Pty Ltd	8.51%
Alliance Petroleum Australia Pty Ltd	3.97%
Reef Oil Pty Ltd	1.97%
Santos Petroleum Pty Ltd	0.40%
Bridge Oil Developments Pty Ltd	3.99%
Santos (BOL) Pty Ltd	0.21%
Origin Energy Resources Ltd	13.19%
Delhi Petroleum Pty Ltd	20.21%
Basin Oil Pty Ltd	2.10%
Santos (NARNL Cooper) Pty Ltd	4.75%



**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: 9 January 2012

File: F2011/000453

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

## **ASSOCIATED ACTIVITIES LICENCE**

### **AAL 164**

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 1 October 2009, HEREBY GRANT to:

<b>Santos Limited</b>	ACN 007 550 923
<b>Vamgas Pty Ltd</b>	ACN 006 245 110
<b>Alliance Petroleum Australia Pty Ltd</b>	ACN 004 559 951
<b>Reef Oil Pty Ltd</b>	ACN 000 646 800
<b>Santos Petroleum Pty Ltd</b>	ACN 000 146 369
<b>Bridge Oil Developments Pty Ltd</b>	ACN 001 152 049
<b>Santos (BOL) Pty Ltd</b>	ACN 000 670 575
<b>Origin Energy Resources Limited</b>	ACN 007 845 338
<b>Delhi Petroleum Pty Ltd</b>	ACN 007 854 686
<b>Basin Oil Pty Ltd</b>	ACN 000 628 017
<b>Santos (NARNL Cooper) Pty Ltd</b>	ACN 004 761 255

(hereinafter referred to as the Licensee) an Associated Activities Licence as an adjunct to Petroleum Production Licence PPL 17, in respect of the area set out below, to have effect from *9 January 2012* and to expire on *8 January 2013* and carrying the right of renewal subject to the provisions of the *Petroleum and Geothermal Energy Act 2000*.

*BAG 9/1/12*

### **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 may carry out or cause to be carried out, the CPSAN12 Greater Leleptian 3D seismic survey within the area as defined in the Schedule hereto.
2. 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 Licensees 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) upon request by the Minister, provide the Minister with a cover note or certificate of currency of the insurance policy referred to in paragraph (a).

3. 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, or the conditions or exclusions of these insurances in respect to how they may or may not respond to any loss, damage or liability.

Date:..... 9/11/12 .....




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

Signed for and on behalf of:

Santos Limited  
Vamgas Pty Ltd  
Alliance Petroleum Australia Pty Ltd  
Reef Oil Pty Ltd  
Santos Petroleum Pty Ltd  
Bridge Oil Developments Pty Ltd  
Santos (BOL) Pty Ltd  
Basin Oil Pty Ltd  
Santos (NARNL Cooper) Pty Ltd

by its authorised representative:

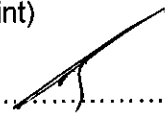
TREVOR BROWN  
Name (print)

  
Signature

21/12/11  
Date

Signed for and on behalf of **Origin Energy Resources Limited** by its duly appointed attorney: Owen Hobbs

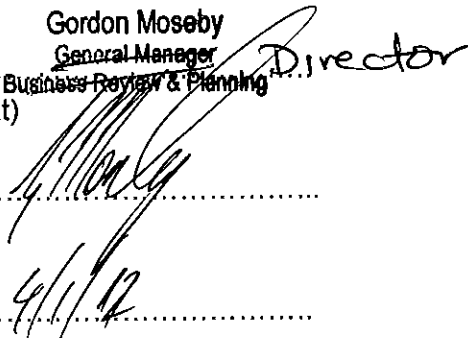
Eastern Australia Onshore Asset Manager  
Upstream Oil & Gas Australia  
Name (print)

  
Signature

23-12-11  
Date

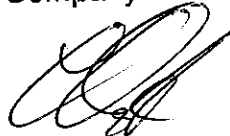
Signed for and on behalf of **Delhi Petroleum Pty Ltd** in accordance with section 127(1) of the Corporations Act by authority of its Directors:

Gordon Moseby  
General Manager  
Business Review & Planning  
Director  
Name (print)

  
Signature

4/1/12  
Date

Cathy Oster  
Company Secretary



5/1/12

**THE SCHEDULE**  
**ASSOCIATED ACTIVITIES LICENCE**

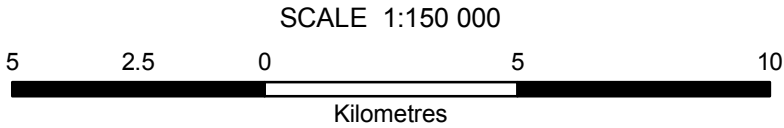
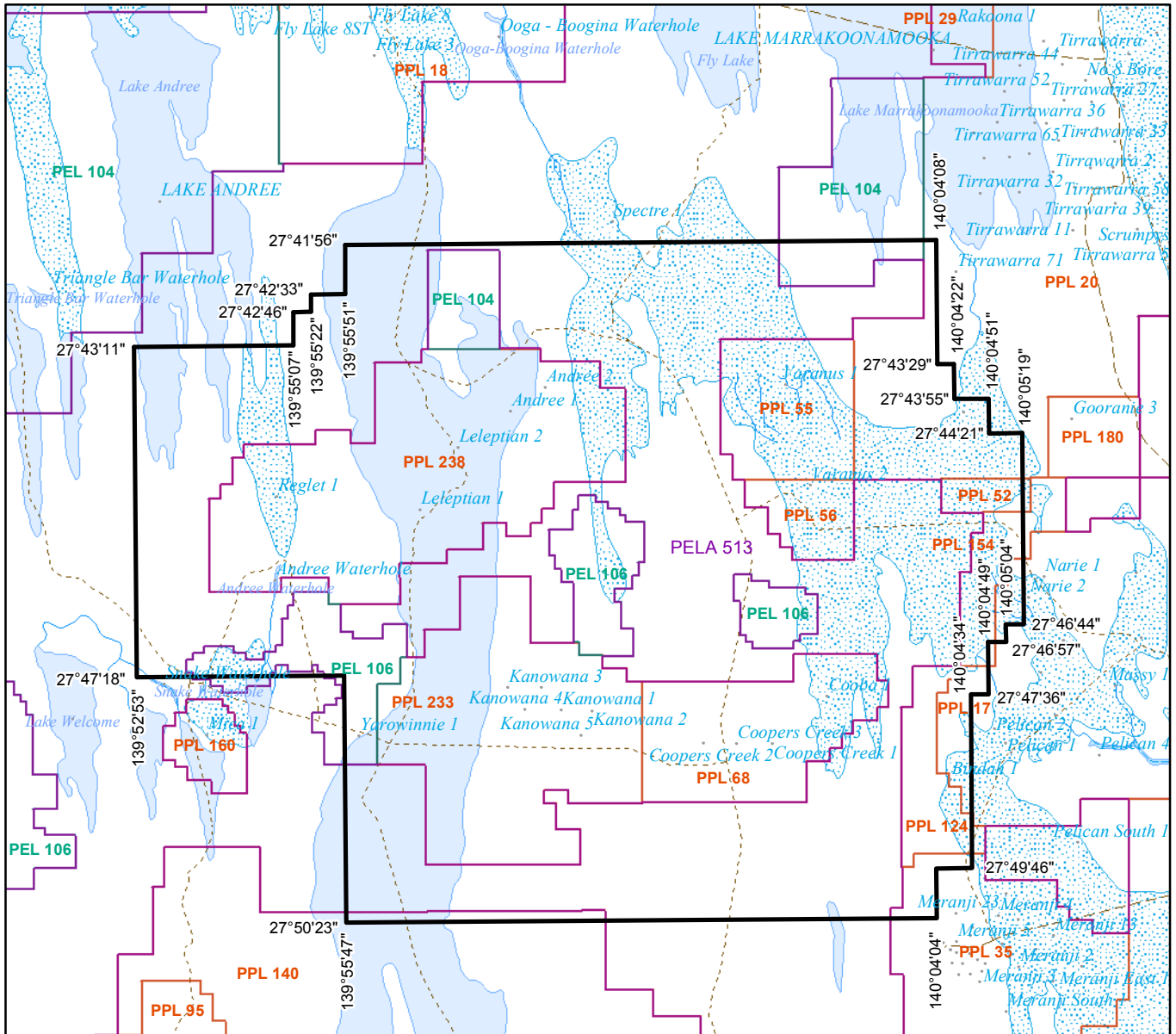
**AAL 164**

**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°41'56"S GDA94 and longitude 139°55'51"E GDA94, thence east to longitude 140°04'08"E GDA94, south to latitude 27°43'29"S GDA94, east to longitude 140°04'22"E GDA94, south to latitude 27°43'55"S GDA94, east to longitude 140°04'51"E GDA94, south to latitude 27°44'21"S GDA94, east to longitude 140°05'19"E GDA94, south to latitude 27°46'44"S GDA94, west to longitude 140°05'04"E GDA94, south to latitude 27°46'57"S GDA94, west to longitude 140°04'49"E GDA94, south to latitude 27°47'36"S GDA94, west to longitude 140°04'34"E GDA94, south to latitude 27°49'46"S GDA94, west to longitude 140°04'04"E GDA94, south to latitude 27°50'23"S GDA94, west to longitude 139°55'47"E GDA94, north to latitude 27°47'18"S GDA94, west to longitude 139°52'53"E GDA94, north to latitude 27°43'11"S GDA94, east to longitude 139°55'07"E GDA94, north to latitude 27°42'46"S GDA94, east to longitude 139°55'22"E GDA94, north to latitude 27°42'33"S GDA94, east to longitude 139°55'51"E GDA94, and north to the point of commencement.

AREA: **266** 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

**ASSOCIATED ACTIVITIES LICENCE NO: 164**

