

**INDEX OF DOCUMENTS HELD ON THE PUBLIC REGISTER
ASSOCIATED ACTIVITIES LICENCE AAL 259**

1. 30 August 2018 Grant of Associated Activities Licence AAL 259.

Interests in the licence are:-

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

2. 30 August 2018 Memorandum entering the grant of licence on the public register.

3. 6 September 2018 Gazettal of grant of licence.

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

GRANT OF ASSOCIATED ACTIVITIES LICENCE AAL 259

(Adjunct to Petroleum Production Licence PPL 55)

Notice is hereby given that the undermentioned Associated Activities Licence has been granted with effect from 30 August 2018, under the provisions of the *Petroleum and Geothermal Energy Act 2000*, pursuant to delegated powers dated 29 June 2018.

No of Licence	Licenseses	Area Km ²	Locality	Reference
AAL 259	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 Delhi Petroleum Pty Ltd Lattice Energy Limited Basin Oil Pty Ltd Santos (NARNL Cooper) Pty Ltd	0.11	Cooper Basin	MER-2018/0549

Description of Area

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

All coordinates in GDA94, Zone 54

405414.85mE	6930035.28mN	405125.96mE	6929934.98mN	405227.59mE	6929731.48mN
405408.66mE	6930057.61mN	405119.32mE	6929938.80mN	405233.89mE	6929744.49mN
405397.42mE	6930070.38mN	405112.68mE	6929943.74mN	405262.84mE	6929773.52mN
405388.99mE	6930077.73mN	405105.44mE	6929949.66mN	405269.57mE	6929781.78mN
405383.64mE	6930081.24mN	405097.10mE	6929957.02mN	405270.47mE	6929781.34mN
405363.59mE	6930086.40mN	405088.57mE	6929964.49mN	405273.24mE	6929779.81mN
405358.25mE	6930100.54mN	405080.23mE	6929971.73mN	405285.29mE	6929776.03mN
405355.65mE	6930105.61mN	405071.70mE	6929978.87mN	405295.36mE	6929774.11mN
405339.07mE	6930121.88mN	405064.65mE	6929985.02mN	405303.15mE	6929773.51mN
405316.45mE	6930127.80mN	405057.21mE	6929991.72mN	405306.50mE	6929773.64mN
405301.59mE	6930125.13mN	405043.91mE	6930003.80mN	405317.14mE	6929774.61mN
405292.55mE	6930121.52mN	405037.86mE	6930007.85mN	405328.35mE	6929777.03mN
405287.11mE	6930136.21mN	405015.25mE	6930013.77mN	405338.38mE	6929780.98mN
405284.41mE	6930141.62mN	404992.73mE	6930007.50mN	405346.33mE	6929784.70mN
405267.82mE	6930157.88mN	404976.40mE	6929990.97mN	405347.60mE	6929785.49mN
405245.20mE	6930163.80mN	404970.56mE	6929968.55mN	405356.23mE	6929791.65mN
405222.68mE	6930157.53mN	404976.75mE	6929946.22mN	405365.24mE	6929799.14mN
405206.35mE	6930141.01mN	404987.29mE	6929934.00mN	405372.07mE	6929807.50mN
405200.51mE	6930118.58mN	405000.59mE	6929921.92mN	405378.12mE	6929815.75mN
405204.00mE	6930101.66mN	405008.63mE	6929914.78mN	405380.74mE	6929821.09mN
405208.73mE	6930089.07mN	405016.87mE	6929907.76mN	405384.50mE	6929831.64mN
405197.03mE	6930084.54mN	405025.00mE	6929900.84mN	405387.56mE	6929843.85mN
405189.08mE	6930080.82mN	405033.34mE	6929893.59mN	405388.47mE	6929853.94mN
405172.75mE	6930064.30mN	405041.48mE	6929886.57mN	405388.62mE	6929858.82mN
405166.91mE	6930041.88mN	405049.81mE	6929879.21mN	405388.39mE	6929863.69mN
405170.49mE	6930024.73mN	405059.83mE	6929871.09mN	405387.32mE	6929873.87mN
405212.16mE	6929914.60mN	405069.84mE	6929863.97mN	405385.79mE	6929881.28mN
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405200.66mE	6929910.64mN	405069.69mE	6929845.35mN	405377.41mE	6929906.48mN
405198.98mE	6929910.62mN	405071.03mE	6929837.83mN	405372.69mE	6929917.41mN
405195.63mE	6929911.15mN	405072.00mE	6929827.31mN	405368.98mE	6929926.24mN
405186.34mE	6929913.85mN	405066.38mE	6929815.53mN	405375.85mE	6929929.40mN
405176.07mE	6929916.98mN	405061.12mE	6929794.10mN	405392.18mE	6929945.92mN
405166.78mE	6929919.90mN	405067.31mE	6929771.77mN	405398.02mE	6929968.35mN
405158.18mE	6929922.71mN	405083.90mE	6929755.51mN	405394.44mE	6929985.49mN
405149.19mE	6929925.96mN	405165.73mE	6929714.05mN	405394.23mE	6929986.26mN
405139.80mE	6929929.44mN	405169.49mE	6929712.08mN	405408.70mE	6930001.33mN
405134.07mE	6929931.39mN	405188.35mE	6929708.13mN	405414.55mE	6930021.99mN
405133.87mE	6929931.50mN	405210.87mE	6929714.40mN	405414.86mE	6930033.51mN
405131.79mE	6929932.37mN	405227.20mE	6929730.93mN	405414.85mE	6930035.28mN

AREA: **0.11** square kilometres approximately

Dated: 30 August 2018

BARRY A. GOLDSTEIN
Executive Director
Energy Resources Division
Department for Mining and Energy
Delegate of the Minister for Energy and Mining

Petroleum and Geothermal Energy Act 2000
S.115

MEMORANDUM

ASSOCIATED ACTIVITIES LICENCE
AAL 259

1. This Licence granted on 30 August 2018 is hereby entered on the public register.
2. Interests in the licence are:-

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



BARRY A. GOLDSTEIN
Executive Director
Energy Resources Division
Department for Energy and Mining
Delegate of the Minister for Energy and Mining

Date: 30 August 2018

File: MER-2018/0549

Petroleum and Geothermal Energy Act 2000

ASSOCIATED ACTIVITIES LICENCE

AAL 259

I, BARRY ALAN GOLDSTEIN, Executive Director, Energy Resources Division, Department for Energy and Mining, 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 the Minister for Energy and Mining (Minister), pursuant to delegated powers dated 29 June 2018, HEREBY GRANT to:

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

(hereinafter referred to as the Licensees) an Associated Activities Licence as an adjunct to Petroleum Production Licence PPL 55 in respect of the area set out below, to have effect from **30 August 2018** and to expire on 31 December 2032 but carrying the right to renewal subject to the provisions of the *Petroleum and Geothermal Energy Act 2000*.

BAE 30/8/18

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 Licensees may carry out or cause to be carried, the construction, commissioning and operation of a wellsite and any associated surface facilities or infrastructure within the land described in the Schedule hereto.
2. Pursuant to Section 74 of the Act the regulated activities to be carried out pursuant to this Licence are classified as requiring low level official surveillance.
3. The Licensees 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).
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, 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: 30 August 2018



.....
BARRY A. GOLDSTEIN
Executive Director
Energy Resources Division
Department for Energy and Mining
Delegate of the Minister for Energy and Mining

Signed for and on behalf of:

Santos Limited (ACN 007 550 923)
Vamgas Pty Ltd (ACN 006 245 110)
Santos (NARNL Cooper) Pty Ltd (ACN 004 761 255)

by its authorised representative:


.....
Signature of Authorised Representative

Chad Wilson
.....
[Print Name of Authorised Representative]

Signed for and on behalf of **Lattice Energy Limited** (ACN 007 845 338)
by its authorised representative:

.....
Signature of Authorised Representative

.....
[Print Name of Authorised Representative]

Signed for and on behalf of **Delhi Petroleum Pty Ltd** (ACN 007 854 686)
in accordance with section 127 of the *Corporations Act 2000 (Cth)*:

.....
Signature of Director

.....
[Print Name of Director]

.....
Signature of Director/Secretary*

.....
[Print Name of Director]
(*delete the inapplicable)

Signed for and on behalf of:

Santos Limited (ACN 007 550 923)
Vamgas Pty Ltd (ACN 006 245 110)
Santos (NARNL Cooper) Pty Ltd (ACN 004 761 255)

by its authorised representative:

.....
Signature of Authorised Representative

.....
[Print Name of Authorised Representative]


Signed for and on behalf of **Lattice Energy Limited (ACN 007 845 338)**
by its authorised representative:


.....
Signature of Authorised Representative

Matt Kay
Director

.....
[Print Name of Authorised Representative]

Signed for and on behalf of **Delhi Petroleum Pty Ltd (ACN 007 854 686)**
in accordance with section 127 of the *Corporations Act 2000 (Cth)*:


.....
Signature of Director

Matt Kay
Director

.....
[Print Name of Director]


.....
Signature of Director/Secretary*

Peter Kupniewski
Company Secretary

.....
[Print Name of Director]
(*delete the inapplicable)

THE SCHEDULE
ASSOCIATED ACTIVITIES LICENCE

AAL 259

Description of Area

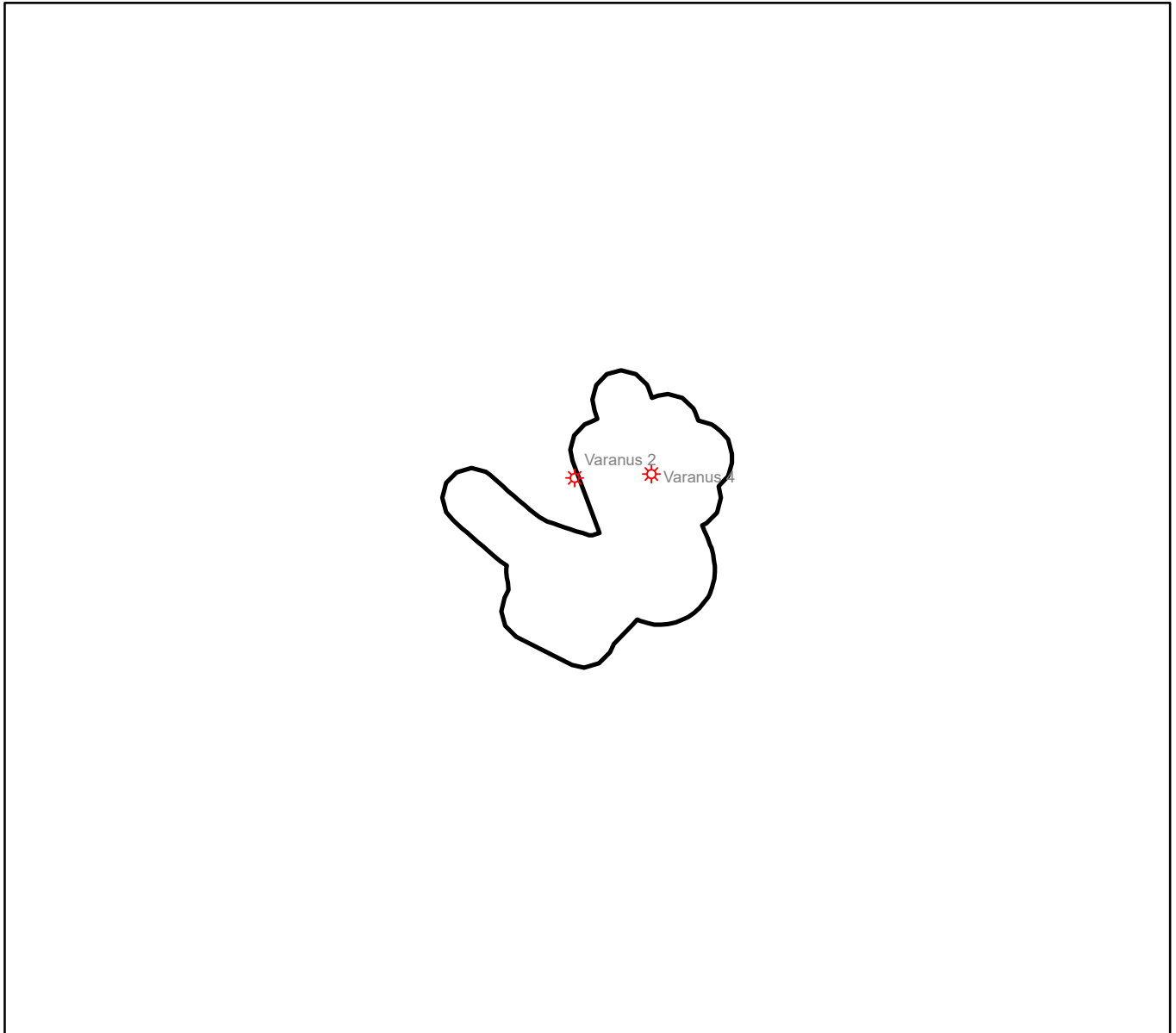
All that part of the State of South Australia, bounded as follows:

All coordinates in GDA94, Zone 54

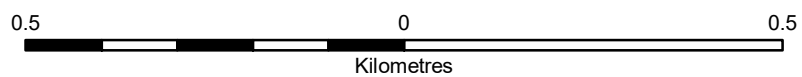
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405408.66mE	6930057.61mN	405105.44mE	6929949.66mN
405397.42mE	6930070.38mN	405097.10mE	6929957.02mN
405388.99mE	6930077.73mN	405088.57mE	6929964.49mN
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405301.59mE	6930125.13mN	405015.25mE	6930013.77mN
405292.55mE	6930121.52mN	404992.73mE	6930007.50mN
405287.11mE	6930136.21mN	404976.40mE	6929990.97mN
405284.41mE	6930141.62mN	404970.56mE	6929968.55mN
405267.82mE	6930157.88mN	404976.75mE	6929946.22mN
405245.20mE	6930163.80mN	404987.29mE	6929934.00mN
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405200.66mE	6929910.64mN	405072.00mE	6929827.31mN
405198.98mE	6929910.62mN	405066.38mE	6929815.53mN
405195.63mE	6929911.15mN	405061.12mE	6929794.10mN
405186.34mE	6929913.85mN	405067.31mE	6929771.77mN
405176.07mE	6929916.98mN	405083.90mE	6929755.51mN
405166.78mE	6929919.90mN	405165.73mE	6929714.05mN
405158.18mE	6929922.71mN	405169.49mE	6929712.08mN
405149.19mE	6929925.96mN	405188.35mE	6929708.13mN
405139.80mE	6929929.44mN	405210.87mE	6929714.40mN
405134.07mE	6929931.39mN	405227.20mE	6929730.93mN
405133.87mE	6929931.50mN	405227.59mE	6929731.48mN
405131.79mE	6929932.37mN	405233.89mE	6929744.49mN
405125.96mE	6929934.98mN	405262.84mE	6929773.52mN
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405317.14mE	6929774.61mN
405328.35mE	6929777.03mN
405338.38mE	6929780.98mN
405346.33mE	6929784.70mN
405347.60mE	6929785.49mN
405356.23mE	6929791.65mN
405365.24mE	6929799.14mN
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405378.12mE	6929815.75mN
405380.74mE	6929821.09mN
405384.50mE	6929831.64mN
405387.56mE	6929843.85mN
405388.47mE	6929853.94mN
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405392.18mE	6929945.92mN
405398.02mE	6929968.35mN
405394.44mE	6929985.49mN
405394.23mE	6929986.26mN
405408.70mE	6930001.33mN
405414.55mE	6930021.99mN
405414.86mE	6930033.51mN
405414.85mE	6930035.28mN

AREA: **0.11** square kilometres approximately



SCALE 1:10,000



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

ASSOCIATED ACTIVITIES LICENCE NO: 259