

## INDEX OF DOCUMENTS HELD ON THE PUBLIC REGISTER FOR PPL 148

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1. 26 July 1999 Fixed Factor Area Deed dated 23 July 1999 between the Minister for Primary Industries, Natural Resources and Regional Development and:  
  
Alliance Petroleum Australia Pty Ltd  
Basin Oil Pty NL  
Boral Energy Resources Limited  
Bridge Oil Developments Pty Ltd  
Delhi Petroleum Pty Ltd  
Gulf (Aust) Resources NL  
Reef Oil Pty Ltd  
Santos Limited  
Santos (BOL) Pty Ltd  
Santos Petroleum Pty Ltd  
Vamgas Pty Ltd
  
2. 11 August 1999 Grant of Licence  
Expiry Date: 10 August 2020
  
3. 11 August 1999 Memorandum entering Petroleum Production Licence PPL 148 on the petroleum register  
  
Interests in the Licence are as follows:

	%
Santos Ltd	40.70
Delhi Petroleum Pty Ltd	20.21
Boral Energy Resources Ltd	13.19
Vamgas Pty Ltd	8.51
Gulf (Aust) Resources NL	4.75
Bridge Oil Developments Pty Ltd	3.99
Alliance Petroleum Australia Pty Ltd	3.97
Basin Oil NL	2.10
Reef Oil Pty Ltd	1.97
Santos Petroleum Pty Ltd	0.40
Santos (BOL) Pty Ltd	0.21
  
4. 19 August 1999 Gazettal of grant of PPL 148 published in SA Government Gazette dated 19 August 1999, Page 918.
  
5. 10 December 1999 Certificate of Registration on Change of Name dated 6 October 1999:  
From: Gulf (Aust) Resources NL  
To: Novus Australia Resources NL
  
6. 10 December 1999 Memorandum entering change of company name on the Public Register
  
7. 13 March 2000 Certificate of Registration on Change of Name dated 24 February 2000:  
From: Boral Energy Resources  
To: Origin Energy Resources Ltd

8. 13 March 2000 Memorandum entering change of company name on the Public Register.
9. 15 October 2002 Certificate of Registration on Change of Type and Conversion to a Proprietary Company dated 8 June 2000:  
From: Basin Oil NL  
To: Basin Oil Pty Ltd
10. 15 October 2002 Memorandum entering change of company name on the Public Register.
11. 7 May 2004 Memorandum dated 7 May 2004 entering notation of adoption of the register for PELs 5&6 as part of the Commercial Register.
12. 23 July 2004 Memorandum entering notation of registrable dealing on the public register:
  - DPPL Security dated 21 May 2004 between Delhi Petroleum Pty Ltd and Westpac Banking Corporation Ref:SA 2004-44
13. 23 November 2005 Notation of discharge of security and receipt of replacement security is entered on the public register.
14. 21 December 2005 Deed to Amend Fixed Factor Area Deeds dated 24 October 2005 between the Minister for Mineral Resources Development and:
 

Alliance Petroleum Australia Pty Ltd  
Basin Oil Pty Ltd  
Origin Energy Resources Limited  
Bridge Oil Developments Pty Ltd  
Delhi Petroleum Pty Ltd  
Novus Australia Resources NL  
Reef Oil Pty Ltd  
Santos Limited  
Santos (BOL) Pty Ltd  
Santos Petroleum Pty Ltd  
Vamgas Pty Ltd
15. 13 January 2006 Memorandum entering change of name on the public register:
 

From: Novus Australia Resources NL  
To: Santos (NARNL Cooper) NL
16. 9 May 2006 Memorandum entering change of name on the public register:
 

From: Santos (NARNL Cooper) NL  
To: Santos (NARNL Cooper) Pty Ltd

17. 21 July 2009 Partial Surrender of Licence Area and Revocation of Licence Condition.
18. 21 July 2009 Memorandum entering partial surrender and revocation on public register.
19. 23 July 2009 Gazettal of partial surrender of licence area.
20. 15 February 2011 Memorandum entering notation of the following registrable dealing on the public register.  
  
Delhi Fixed and Floating Charge and Mortgage of JV Assets dated 29 September 2010 between Delhi Petroleum Pty Limited and Westpac Banking Corporation.  
Ref: SA 2011-15
21. 28 June 2012 Memorandum entering notation of the following registrable dealing on the public register.  
  
Royalty Deed dated 19 January 2012 between Delhi Petroleum Pty Ltd and Esso Australia Resources Pty Ltd.  
Ref: SA 2012-42
22. .9 August 2017 Certificate of Registration on Change of Company Name dated 29 June 2017.  
  
From: Origin Energy Resources Limited  
To: Lattice Energy Limited
23. 9 August 2017 Memorandum entering notation of change of company name on the public register.
24. 7 June 2018 Memorandum entering notation of the following registrable dealing on the public register:  
  
Deed of Variation dated 4 December 2015 between Santos Limited, Santos Petroleum Pty Ltd, Vamgas Pty Ltd, Santos (NARNL Cooper) Pty Ltd, Santos (BOL) Pty Ltd, Reef Oil Pty Ltd, Bridge Oil Developments Pty Limited, Basin Oil Pty Ltd, Alliance Petroleum Australia Pty Ltd, Origin Energy Resources Limited and Delhi Petroleum Pty Ltd  
Ref: SA 2018-18
25. 22 January 2020 Certificate of Registration on Change of Name dated 2 December 2019.  
  
From: Lattice Energy Limited  
To: Beach Energy (Operations) Limited
26. 22 January 2020 Memorandum entering notation of change of company name on the public register.

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

**MEMORANDUM**

**PETROLEUM PRODUCTION LICENCES**

**PPLs 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 83, 84, 86, 87, 88, 89, 90, 91, 92, 94, 95, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 172, 174, 175, 176, 177, 178, 179, 180, 182, 187, 189, 190, 193, 194, 195, 196, 201, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237 and 238**

**ASSOCIATED ACTIVITIES LICENCES**

**AALs 258, 259 and 263**

**PIPELINE LICENCES**

**PLs 2, 5, 9, 15 and 20**

1. Notation of change of company name:

From: Lattice Energy Limited  
To: Beach Energy (Operations) Limited

is hereby entered on the public registers.



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

Date: 22 January 2020



# Certificate of Registration on Change of Name

This is to certify that

**LATTICE ENERGY LIMITED**

**Australian Company Number 007 845 338**

did on the second day of December 2019 change its name to

**BEACH ENERGY (OPERATIONS) LIMITED**

**Australian Company Number 007 845 338**

The company is a public company.

The company is limited by shares.

The company is taken to be registered under the Corporations Act 2001 in South Australia and the date of commencement of registration is the ninth day of September, 1977.

Issued by the  
Australian Securities and Investments Commission  
on this second day of December 2019.

James Shipton  
Chair

CERTIFICATE

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

**MEMORANDUM**

**PETROLEUM PRODUCTION LICENCES**

**PPLs 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 83, 84, 86, 87, 88, 89, 90, 91, 92, 94, 95, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 172, 174, 175, 176, 177, 178, 179, 180, 182, 187, 189, 190, 193, 194, 195, 196, 201, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237 and 238**

**PIPELINE LICENCES**

**PLs 5, 9 and 15**

SA 2018-18

Notation of registrable dealing as evidenced by Deed of Variation dated 4 December 2015 between Santos Limited, Santos Petroleum Pty Ltd, Vamgas Pty Ltd, Santos (NARNL Cooper) Pty Ltd, Santos (BOL) Pty Ltd, Reef Oil Pty Ltd, Bridge Oil Developments Pty Limited, Basin Oil Pty Ltd, Alliance Petroleum Australia Pty Ltd, Origin Energy Resources Limited and Delhi Petroleum Pty Ltd is hereby entered on the public register.



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

Date: 7 June 2018

Ref: 28/01/00045

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

**MEMORANDUM**

**PETROLEUM RETENTION LICENCE**  
**PRL 106**

**PETROLEUM EXPLORATION LICENCES**  
**PELs 637 and 638**

**PETROLEUM PRODUCTION LICENCES**  
**PPLs 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 83, 84, 86, 87, 88, 89, 90, 91, 92, 94, 95, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 172, 174, 175, 176, 177, 178, 179, 180, 182, 187, 189, 190, 193, 194, 195, 196, 201, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237 and 238**

**PIPELINE LICENCES**  
**PLs 2, 5, 9, 15 and 20**

1. Notation of change of company name:

From: Origin Energy Resources Limited  
To: Lattice Energy Limited

is hereby entered on the public registers.



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

Date: 9 August 2017



# Certificate of Registration on Change of Name

This is to certify that

**ORIGIN ENERGY RESOURCES LIMITED**

**Australian Company Number 007 845 338**

did on the twenty-ninth day of June 2017 change its name to

**LATTICE ENERGY LIMITED**

**Australian Company Number 007 845 338**

The company is a public company.

The company is limited by shares.

The company is taken to be registered under the Corporations Act 2001 in South Australia and the date of commencement of registration is the ninth day of September, 1977.

Issued by the  
Australian Securities and Investments Commission  
on this twenty-ninth day of June 2017.

Greg Medcraft  
Chairman

CERTIFICATE

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

**MEMORANDUM**

**PETROLEUM PRODUCTION LICENCES**

**PPLs 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 83, 84, 86, 87, 88, 89, 90, 91, 92, 94, 95, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 172, 174, 175, 176, 177, 178, 179, 180, 182, 187, 189, 190, 193, 194, 195, 196, 201, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237 and 238**

SA 2012-42      Notation of registrable dealing as evidenced by Royalty Deed dated 19 January 2012 between Delhi Petroleum Pty Ltd and Esso Australia Resources Pty Ltd 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 June 2012

Ref: various files

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

**MEMORANDUM**

**PETROLEUM PRODUCTION LICENCES**

**PPLs 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 83, 84, 86, 87, 88, 89, 90, 91, 92, 94, 95, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 172, 174, 175, 176, 177, 178, 179, 180, 182, 187, 189, 190, 193, 194, 195, 196, 201, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237 and 238**

**and**

**PIPELINE LICENCES**

**PLs 2, 5, 9 and 15**

SA 2011-15      Notation of registrable dealing as evidenced by Delhi Fixed and Floating Charge and Mortgage of JV Assets dated 29 September 2010 between Delhi Petroleum Pty Limited and Westpac Banking Corporation 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: 15 February 2011

## PETROLEUM ACT 2000

*Partial Surrender of Petroleum Production Licences*

NOTICE is hereby given that pursuant to section 89 of the Petroleum Act 2000, I have accepted the partial surrender of the below-mentioned Petroleum Production Licence areas, pursuant to delegated powers dated 28 March 2002, *Gazetted* 11 April 2002, page 1573:

No of Licence	Licencees	Locality	Date of Surrender	Approx. Area surrendered in km <sup>2</sup>	Reference
PPL 145	Delhi Petroleum Pty Ltd Origin Energy Resources Limited Vamgas Pty Ltd Santos (NARNL Cooper) Pty Ltd Bridge Oil Developments Pty Ltd Alliance Petroleum Aust Pty Ltd Basin Oil Pty Ltd Reef Oil Pty Ltd Santos Petroleum Pty Ltd Santos (BOL) Pty Ltd	Cooper Basin of South Australia	1.7.08	5.50	28/1/262
PPL 148			1.7.08	6.96	28/1/294
PPL 174			1.1.09	0.38	28/1/305
PPL 175			1.7.08	44.40	28/1/315
PPL 178			1.7.08	2.46	28/1/332
PPL 179			1.7.08	1.27	28/1/280
PPL 190			1.7.08	228.29	28/1/314
PPL 193			1.7.08	5.030	28/1/312
PPL 195			1.7.08	1.080	28/1/308
PPL 182			Santos Ltd Delhi Petroleum Pty Ltd Origin Energy Resources Ltd Vamgas Pty Ltd Santos (NARNL Cooper) Pty Ltd	Cooper Basin of South Australia	1.1.09
PPL 187	1.7.08	4.62			28/1/252
PPL 194	1.1.09	4.49			28/1/242

*Description of Licence Areas Remaining**PPL 145*

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

Commencing at a point being the intersection of latitude 28°25'00"S Clarke1858 and longitude 139°57'00"E AGD66, thence east to longitude 139°58'15"E AGD66, south to latitude 28°25'30"S GDA94, east to longitude 139°58'40"E GDA94, south to latitude 28°25'35"S GDA94, east to longitude 139°58'55"E GDA94, south to latitude 28°26'00"S GDA94, east to longitude 139°59'10"E GDA94, south to latitude 28°27'10"S GDA94, east to longitude 139°59'20"E GDA94, south to latitude 28°27'25"S AGD66, west to longitude 139°58'45"E AGD66, south to latitude 28°27'35"S AGD66, west to longitude 139°58'30"E AGD66, south to latitude 28°27'50"S AGD66, west to longitude 139°57'40"E GDA94, north to latitude 28°27'30"S GDA94, west to longitude 139°57'20"E AGD66, north to latitude 28°26'45"S AGD66, east to longitude 139°57'25"E AGD66, north to latitude 28°26'00"S AGD66, east to longitude 139°57'35"E AGD66, north to latitude 28°25'35"S AGD66, west to longitude 139°57'00"E AGD66 and north to point of commencement.

Area: 12.5 km<sup>2</sup> approximately.

*PPL 148*

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

Commencing at a point being the intersection of latitude 27°47'00"S GDA94 and longitude 139°46'45"E GDA94, thence east to longitude 139°46'50"E GDA94, south to latitude 27°47'05"S GDA94, east to longitude 139°46'55"E GDA94, south to latitude 27°47'13"S GDA94, east to longitude 139°47'00"E GDA94, south to latitude 27°47'40"S GDA94, west to longitude 139°46'55"E GDA94, south to latitude 27°47'48"S GDA94, west to longitude 139°46'50"E GDA94, south to latitude 27°47'50"S GDA94, west to longitude 139°46'30"E GDA94, south to latitude 27°47'52"S GDA94, west to longitude 139°46'25"E GDA94, south to latitude 27°47'55"S GDA94, west to longitude 139°46'20"E GDA94, north to latitude 27°47'52"S GDA94, west to longitude 139°46'15"E GDA94, north to latitude 27°47'47"S GDA94, west to longitude 139°46'10"E GDA94, north to latitude 27°47'28"S GDA94, east to longitude 139°46'20"E GDA94, north to latitude 27°47'25"S GDA94, east to longitude 139°46'25"E GDA94, north to latitude 27°47'20"S GDA94, east to longitude 139°46'30"E GDA94, north to latitude 27°47'17"S GDA94, east to longitude 139°46'35"E GDA94, north to latitude 27°47'10"S GDA94, east to longitude 139°46'40"E GDA94, north to latitude 27°47'05"S GDA94, east to longitude 139°46'45"E GDA94 and north to point of commencement.

Area: 1.44 km<sup>2</sup> approximately.

*PPL 174*

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

Commencing at a point being the intersection of latitude 27°39'30"S AGD66 and longitude 140°15'00"E AGD66, thence east to longitude 140°17'00"E AGD66, south to latitude 27°40'35"S GDA94, west to longitude 140°16'55"E GDA94, south to latitude 27°40'40"S GDA94, west to longitude 140°16'45"E GDA94, south to latitude 27°40'45"S GDA94, west to longitude 140°16'40"E GDA94, south to latitude 27°40'50"S GDA94, west to longitude 140°16'30"E GDA94, south to latitude 27°41'00"S AGD66, west to longitude 140°16'00"E Clarke1858, north to latitude 27°41'00"S Clarke1858, west to longitude 140°14'00"E Clarke1858, south to latitude 27°41'40"S AGD66, west to longitude 140°13'20"E AGD66, north to latitude 27°40'50"S AGD66, east to longitude 140°13'40"E AGD66, north to latitude 27°40'40"S AGD66, east to longitude 140°14'00"E AGD66, north to latitude 27°40'30"S AGD66, east to longitude 140°14'10"E AGD66, north to latitude 27°40'10"S AGD66, east to longitude 140°14'30"E AGD66, north to latitude 27°40'00"S AGD66, east to longitude 140°15'00"E AGD66 and north to point of commencement.

Area: 12.92 km<sup>2</sup> approximately.

*PPL 175*

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

Commencing at a point being the intersection of latitude 28°13'50"S AGD66 and longitude 139°55'05"E GDA94, thence east to longitude 139°55'40"E GDA94, south to latitude 28°14'30"S AGD66, west to longitude 139°54'40"E AGD66, north to latitude 28°14'05"S GDA94, east to longitude 139°54'55"E GDA94, north to latitude 28°13'55"S GDA94, east to longitude 139°55'00"E GDA94, north to latitude 28°13'50"S GDA94, east to longitude 139°55'05"E GDA94 and north to point of commencement.

Area: 1.6 km<sup>2</sup> approximately.

*PPL 178*

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

Commencing at a point being the intersection of latitude 27°52'40"S AGD66c and longitude 140°04'40"E AGD66, thence east to longitude 140°05'45"E GDA94, south to latitude 27°53'00"S GDA94, west to longitude 140°05'40"E GDA94, south to latitude 27°54'00"S Clarke1858, west to longitude 140°03'30"E AGD66, north to latitude 27°53'40"S AGD66, east to longitude 140°03'40"E AGD66, north to latitude 27°53'30"S AGD66, east to longitude 140°04'00"E AGD66, north to latitude 27°53'20"S AGD66, east to longitude 140°04'10"E AGD66, north to latitude 27°53'10"S AGD66, east to longitude 140°04'20"E AGD66, north to latitude 27°53'00"S AGD66, east to longitude 140°04'30"E AGD66, north to latitude 27°52'50"S AGD66, east to longitude 140°04'40"E AGD66 and north to point of commencement.

Area: 6.34 km<sup>2</sup> approximately.

*PPL 179*

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

Commencing at a point being the intersection of latitude 28°22'40"S AGD66 and longitude 140°05'00"E AGD66, thence east to longitude 140°05'35"E GDA94, south to latitude 28°22'50"S AGD66, east to longitude 140°06'00"E AGD66, south to latitude 28°23'10"S AGD66, west to longitude 140°05'55"E AGD66, south to latitude 28°23'15"S AGD66, west to longitude 140°05'50"E AGD66, south to latitude 28°23'25"S AGD66, west to longitude 140°05'45"E GDA94, south to latitude 28°23'35"S GDA94, east to longitude 140°05'50"E GDA94, south to latitude 28°23'50"S GDA94, west to longitude 140°05'45"E GDA94, south to latitude 28°24'20"S AGD66, west to longitude 140°05'35"E AGD66, south to latitude 28°24'25"S AGD66, west to longitude 140°05'30"E AGD66, south to latitude 28°24'25"S GDA94, west to longitude 140°05'05"E GDA94, north to latitude 28°24'15"S GDA94, west to longitude 140°05'00"E GDA94, north to latitude 28°24'00"S GDA94, west to longitude 140°04'50"E AGD66, north to latitude 28°23'50"S AGD66, west to longitude 140°04'40"E AGD66, north to latitude 28°23'25"S GDA94, east to longitude 140°04'50"E GDA94, north to latitude 28°23'20"S GDA94, east to longitude 140°04'55"E GDA94, north to latitude 28°23'05"S GDA94, east to longitude 140°05'00"E GDA94, north to latitude 28°23'00"S GDA94, east to longitude 140°05'00"E AGD66 and north to point of commencement.

Area: 4.83 km<sup>2</sup> approximately.

*PPL 190*

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 Clarke1858 and longitude 140°13'40"E GDA94, thence east to longitude 140°15'10"E GDA94, south to latitude 28°19'15"S GDA94, west to longitude 140°15'00"E GDA94, south to latitude 28°19'35"S GDA94, west to longitude 140°14'40"E GDA94, south to latitude 28°19'45"S GDA94, west to longitude 140°14'20"E GDA94, south to latitude 28°19'50"S GDA94, west to longitude 140°14'05"E GDA94, south to latitude 28°19'55"S GDA94, west to longitude 140°13'25"E GDA94, north to latitude 28°19'05"S GDA94, east to longitude 140°13'40"E GDA94 and north to point of commencement.

Area: 4.31 km<sup>2</sup> approximately.

*PPL 193*

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

Commencing at a point being the intersection of latitude 27°33'50"S AGD66 and longitude 140°04'30"E AGD66, thence east to longitude 140°06'00"E Clarke1858, south to latitude 27°34'20"S AGD66, west to longitude 140°05'40"E AGD66, south to latitude 27°34'30"S AGD66, west to longitude 140°05'20"E AGD66, south to latitude 27°34'40"S AGD66, west to longitude 140°04'50"E AGD66, south to latitude 27°34'50"S AGD66, west to longitude 140°04'20"E AGD66, south to latitude 27°35'00"S AGD66, west to longitude 140°04'10"E AGD66, south to latitude 27°35'10"S AGD66, west to longitude 140°03'55"E GDA94, north to latitude 27°34'50"S GDA94, west to longitude 140°03'50"E GDA94, north to latitude 27°34'30"S GDA94, east to longitude 140°03'55"E GDA94, north to latitude 27°34'10"S AGD66, east to longitude 140°04'20"E AGD66, north to latitude 27°34'00"S AGD66, east to longitude 140°04'30"E AGD66 and north to point of commencement.

Area: 5.17 km<sup>2</sup> approximately.

*PPL 195*

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

Commencing at a point being the intersection of latitude 27°32'40"S AGD66 and longitude 140°23'20"E AGD66, thence east to longitude 140°23'40"E AGD66, south to latitude 27°32'50"S AGD66, east to longitude 140°24'00"E GDA94, south to latitude 27°32'55"S GDA94, east to longitude 140°24'00"E AGD66, south to latitude 27°33'20"S AGD66, west to longitude 140°23'50"E AGD66, south to latitude 27°33'35"S AGD66, west to longitude 140°23'45"E AGD66, south to latitude 27°33'50"S AGD66, west to longitude 140°23'40"E AGD66, south to latitude 27°33'55"S AGD66, west to longitude 140°23'35"E AGD66, south to latitude 27°34'00"S AGD66, west to longitude 140°23'30"E AGD66, south to latitude 27°34'10"S AGD66, west to longitude 140°23'25"E AGD66, south to latitude 27°34'20"S AGD66, west to longitude 140°23'20"E AGD66, south to latitude 27°34'25"S AGD66, west to longitude 140°23'15"E AGD66, south to latitude 27°34'30"S AGD66, west to longitude 140°23'10"E AGD66, south to latitude 27°34'35"S AGD66, west to longitude 140°23'05"E AGD66, south to latitude 27°34'40"S AGD66, west to longitude 140°23'00"E AGD66, south to latitude 27°34'50"S AGD66, west to longitude 140°22'50"E AGD66, south to latitude 27°34'55"S AGD66, west to longitude 140°22'35"E AGD66, south to latitude 27°35'00"S AGD66, west to longitude 140°22'30"E AGD66, south to latitude 27°35'05"S AGD66, west to longitude 140°22'25"E AGD66, south to latitude 27°35'10"S AGD66, west to longitude 140°22'15"E AGD66, north to latitude 27°34'50"S AGD66, east to longitude 140°22'20"E AGD66, north to latitude 27°34'45"S AGD66, east to

longitude 140°22'25"E AGD66, north to latitude 27°34'40"S AGD66, east to longitude 140°22'30"E AGD66, north to latitude 27°33'35"S AGD66, east to longitude 140°22'40"E AGD66, north to latitude 27°33'20"S AGD66, east to longitude 140°22'50"E AGD66, north to latitude 27°33'05"S AGD66, east to longitude 140°23'00"E AGD66, north to latitude 27°32'55"S AGD66, east to longitude 140°23'10"E AGD66, north to latitude 27°32'45"S AGD66, east to longitude 140°23'20"E AGD66 and north to point of commencement.

Area: 6.52 km<sup>2</sup> approximately.

*PPL 182*

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

Commencing at a point being the intersection of latitude 26°48'26"S GDA94 and longitude 140°50'41"E GDA94, thence east to longitude 140°50'54"E GDA94, south to latitude 26°48'30"S AGD66, east to longitude 140°50'55"E AGD66, south to latitude 26°48'40"S AGD66, east to longitude 140°51'01"E GDA94, south to latitude 26°48'43"S GDA94, west to longitude 140°51'00"E GDA94, south to latitude 26°48'50"S GDA94, west to longitude 140°50'58"E GDA94, south to latitude 26°48'52"S GDA94, west to longitude 140°50'55"E GDA94, south to latitude 26°48'54"S GDA94, east to longitude 140°50'57"E GDA94, south to latitude 26°48'56"S GDA94, east to longitude 140°50'59"E GDA94, south to latitude 26°48'58"S GDA94, east to longitude 140°51'00"E GDA94, south to latitude 26°49'01"S GDA94, west to longitude 140°50'54"E GDA94, north to latitude 26°48'56"S GDA94, west to longitude 140°50'48"E GDA94, south to latitude 26°49'02"S GDA94, west to longitude 140°50'38"E GDA94, north to latitude 26°49'00"S GDA94, west to longitude 140°50'36"E GDA94, north to latitude 26°48'57"S GDA94, west to longitude 140°50'34"E GDA94, south to latitude 26°48'55"S GDA94, west to longitude 140°50'32"E GDA94, north to latitude 26°48'53"S GDA94, west to longitude 140°50'30"E GDA94, north to latitude 26°48'40"S GDA94, east to longitude 140°50'32"E GDA94, north to latitude 26°48'37"S GDA94, east to longitude 140°50'34"E GDA94, north to latitude 26°48'35"S GDA94, east to longitude 140°50'38"E GDA94, north to latitude 26°48'32"S GDA94, east to longitude 140°50'39"E GDA94, north to latitude 26°48'29"S GDA94, east to longitude 140°50'41"E GDA94 and north to the point of commencement.

Area: 0.75 km<sup>2</sup> approximately.

*PPL 187*

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

Commencing at a point being the intersection of latitude 27°20'00"S AGD66 and longitude 140°23'10"E AGD66, thence east to longitude 140°24'00"E GDA94, south to latitude 27°20'00"S GDA94, east to longitude 140°24'25"E GDA94, south to latitude 27°20'10"S GDA94, east to longitude 140°24'40"E GDA94, south to latitude 27°21'05"S GDA94, west to longitude 140°24'35"E GDA94, south to latitude 27°21'30"S GDA94, west to longitude 140°24'25"E GDA94, south to latitude 27°21'45"S GDA94, west to longitude 140°24'10"E GDA94, south to latitude 27°21'55"S GDA94, west to longitude 140°24'00"E GDA94, south to latitude 27°22'05"S GDA94, west to longitude 140°23'50"E GDA94, south to latitude 27°22'15"S GDA94, west to longitude 140°22'40"E GDA94, south to latitude 27°22'30"S AGD66, west to longitude 140°22'10"E AGD66, north to latitude 27°21'40"S GDA94, east to longitude 140°22'30"E GDA94, north to latitude 27°21'15"S GDA94, east to longitude 140°22'45"E GDA94, north to latitude 27°21'00"S GDA94, east to longitude 140°22'55"E GDA94, north to latitude 27°20'45"S GDA94, east to longitude 140°23'05"E GDA94, north to latitude 27°20'30"S GDA94, east to longitude 140°23'10"E AGD66 and north to point of commencement.

Area: 12.2 km<sup>2</sup> approximately.

*PPL 194*

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

Commencing at a point being the intersection of latitude 27°14'07"S GDA94 and longitude 140°57'13"E GDA94, thence east to longitude 140°57'23"E GDA94, south to latitude 27°14'10"S GDA94, east to longitude 140°57'31"E GDA94, south to latitude 27°14'13"S GDA94, east to longitude 140°57'40"E GDA94, south to latitude 27°14'26"S GDA94, east to longitude 140°57'43"E GDA94, south to latitude 27°14'36"S GDA94, west to longitude 140°57'37"E GDA94, north to latitude 27°14'30"S GDA94, west to longitude 140°57'20"E GDA94, south to latitude 27°14'35"S GDA94, west to longitude 140°57'05"E GDA94, south to latitude 27°14'40"S GDA94, west to longitude 140°57'00"E GDA94, south to latitude 27°14'43"S GDA94, west to longitude 140°56'40"E GDA94, south to latitude 27°14'45"S GDA94, west to longitude 140°56'10"E AGD66, north to latitude 27°14'30"S GDA94, east to longitude 140°56'23"E GDA94, north to latitude 27°14'23"S GDA94, east to longitude 140°56'25"E GDA94, north to latitude 27°14'20"S GDA94, east to longitude 140°56'28"E GDA94, north to latitude 27°14'17"S GDA94, east to longitude 140°56'44"E GDA94, south to latitude 27°14'35"S GDA94, east to longitude 140°56'53"E GDA94, north to latitude 27°14'22"S GDA94, east to longitude 140°56'56"E GDA94, north to latitude 27°14'12"S GDA94, east to longitude 140°57'10"E GDA94, north to latitude 27°14'10"S GDA94, east to longitude 140°57'13"E GDA94 and north to the point of commencement.

Area: 1.61 km<sup>2</sup> approximately.

Dated 21 July 2009.

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**

**PETROLEUM PRODUCTION LICENCE  
PPL 148**

1. Pursuant to Condition (c) of Petroleum Production Licence PPL 148, the licence area is partially surrendered with effect from 1 July 2008, and is hereby reduced to an area of approximately 1.44 square kilometres.
2. Variation of licence area is hereby entered on the public register.
3. Revocation of Condition (c) of Petroleum Production Licence PPL 148 is hereby entered on the public register.



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

Date: 21 July 2009

Ref: 28/1/294

# Petroleum Act 2000

## PARTIAL SURRENDER AND REVOCATION OF CONDITION

### PETROLEUM PRODUCTION LICENCE PPL 148

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 Act 2000* (the Act) 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 –

1. in fulfilment of Condition (c) of PPL 148, hereby accept partial surrender of Petroleum Production Licence PPL 148 pursuant to section 89 of the Act, with effect from 1 July 2008.

The total area of PPL 148 is reduced to 1.44 square kilometres approximately, as a result of partial surrender of the licence area.

Variation of licence area resulting from the partial surrender as per the attached Schedule and Map is hereby entered on the public register.

2. hereby revoke Condition (c) of the licence conditions of PPL 148 pursuant to section 76(3)(b) of the Act, following the fulfilment of the conditions of the Fixed Factor Area Deed dated 23 July 1999, as subsequently amended by Deed to Amend Fixed Factor Area Deeds dated 24 October 2005.

Date: *21 July* 2009



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

3. The following signatures evidence the consent of the licensees to the revocation of Condition (c) of the conditions of PPL 148, pursuant to section 76(3)(b) of the Act.

Executed for and on behalf of:

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

by its duly appointed attorney:

**James Leslie Baulderstone**

.....  
Name (print)

  
.....  
Signature

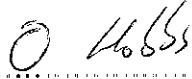
Signed for and on behalf of **Delhi Petroleum Pty Ltd** by its authorised representative:

**Hector Gordon**  
Director  
**Delhi Petroleum Pty Ltd**

.....  
Name (print)

  
.....  
Signature

Signed for and on behalf of **Origin Energy Resources Ltd** by its authorised representative: *duly appointed attorney:*

  
.....  
Name (print)

  
.....  
Signature

# THE SCHEDULE

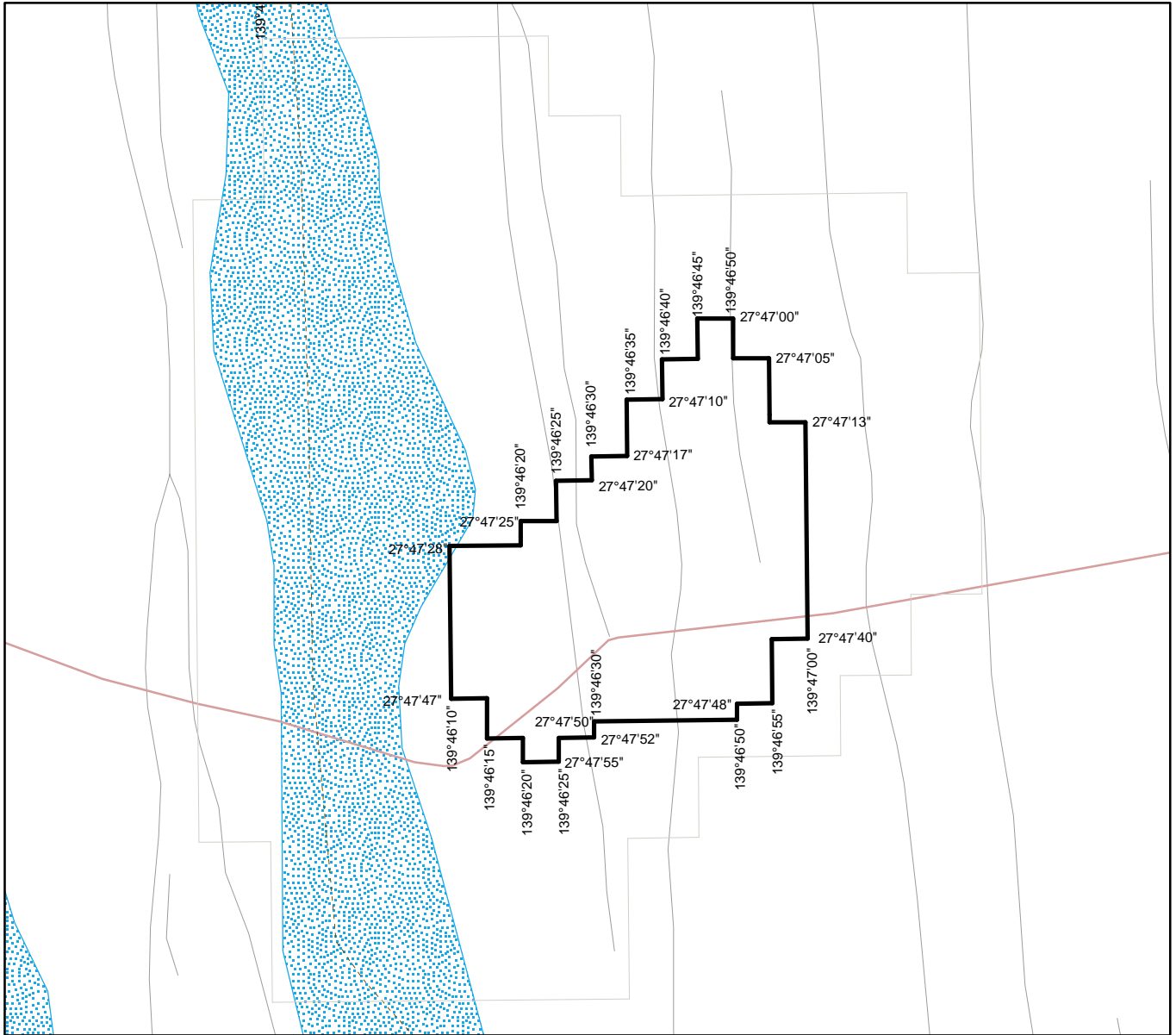
## PETROLEUM PRODUCTION LICENCE PPL 148

### DESCRIPTION OF AREA

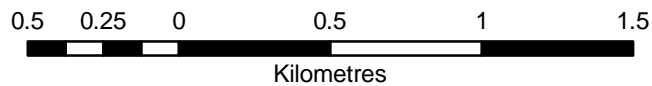
All that part of the State of South Australia, bounded as follows:-

Commencing at a point being the intersection of latitude 27°47'00"S GDA94 and longitude 139°46'45"E GDA94, thence east to longitude 139°46'50"E GDA94, south to latitude 27°47'05"S GDA94, east to longitude 139°46'55"E GDA94, south to latitude 27°47'13"S GDA94, east to longitude 139°47'00"E GDA94, south to latitude 27°47'40"S GDA94, west to longitude 139°46'55"E GDA94, south to latitude 27°47'48"S GDA94, west to longitude 139°46'50"E GDA94, south to latitude 27°47'50"S GDA94, west to longitude 139°46'30"E GDA94, south to latitude 27°47'52"S GDA94, west to longitude 139°46'25"E GDA94, south to latitude 27°47'55"S GDA94, west to longitude 139°46'20"E GDA94, north to latitude 27°47'52"S GDA94, west to longitude 139°46'15"E GDA94, north to latitude 27°47'47"S GDA94, west to longitude 139°46'10"E GDA94, north to latitude 27°47'28"S GDA94, east to longitude 139°46'20"E GDA94, north to latitude 27°47'25"S GDA94, east to longitude 139°46'25"E GDA94, north to latitude 27°47'20"S GDA94, east to longitude 139°46'30"E GDA94, north to latitude 27°47'17"S GDA94, east to longitude 139°46'35"E GDA94, north to latitude 27°47'10"S GDA94, east to longitude 139°46'40"E GDA94, north to latitude 27°47'05"S GDA94, east to longitude 139°46'45"E GDA94, and north to point of commencement.

AREA: **1.44** square kilometres approximately.



SCALE 1:25 000



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

**WELCOME LAKE EAST FIELD**

**PETROLEUM PRODUCTION LICENCE NO: 148**

**Petroleum Act 2000**  
**S.115**


**MEMORANDUM**

Petroleum Production Licences (PPLs) 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199 and Pipeline Licence (PL) 2.

1. Notation of change of company name –

From: Santos (NARNL Cooper) NL  
To: Santos (NARNL Cooper) Pty Ltd

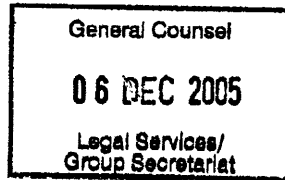
is hereby entered on the public register of licences.



**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: 9 May 2006

File: 27/2/4



Form **242**

Santos Limited Attn: Graham Bollenhagen  
GPO Box 2455  
Adelaide SA 5001

Remove this top section if desired before framing

# Certificate of Registration on Change of Type and Conversion to a Proprietary Company



This is to certify that

**SANTOS (NARNL COOPER) NL**

**Australian Company Number 004 761 255**

on the first day of December 2005 converted to  
**a company limited by shares**  
and on the first day of December 2005 changed to  
a **proprietary** company.

The name of the company is now

**SANTOS (NARNL COOPER) PTY LTD**

**Australian Company Number 004 761 255**

The company is taken to be registered under the Corporations  
Act 2001 in Victoria and the date of commencement of  
registration is the twenty-first day of February, 1969.

Issued by the  
Australian Securities and Investments Commission  
on this first day of December, 2005.

A handwritten signature in black ink, appearing to read "Jeffrey Lucy".

Jeffrey Lucy  
Chairman

**CERTIFICATE**

**Petroleum Act 2000**  
**S.115**

**MEMORANDUM**

Petroleum Production Licences (PPLs) 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199 and Pipeline Licence (PL) 2.

1. Notation of change of company name –

From: Novus Australia Resources NL  
To: Santos (NARNL Cooper) NL

is hereby entered on the public register of licences.



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

Date: 13 January 2006

File: 27/2/4

Santos Limited Attn: Graham Bollenhagen  
GPO Box 2455  
Adelaide SA 5001

Remove this top section if desired before framing

## Certificate of Registration on Change of Name

This is to certify that

**NOVUS AUSTRALIA RESOURCES NL**

**Australian Company Number 004 761 255**

did on the twenty-ninth day of June 2005 change its name to

**SANTOS (NARNL COOPER) NL**

**Australian Company Number 004 761 255**

The company is a public company.

The company is a no liability company.

The company is taken to be registered under the Corporations Act 2001 in Victoria and the date of commencement of registration is the twenty-first day of February, 1969.

Issued by the  
Australian Securities and Investments Commission  
on this twenty-ninth day of June, 2005.



Jeffrey Lucy  
Chairman



CERTIFICATE

**Petroleum Act 2000**  
**S.115**

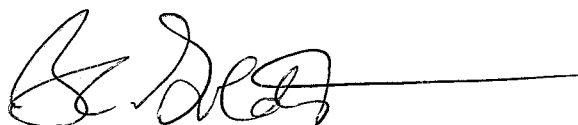
**MEMORANDUM**

**PETROLEUM PRODUCTION LICENCES**

**PPLs 138, 140, 141, 143, 145, 148, 150, 151, 153, 169, 170, 171,  
172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 183, 184, 185,  
186, 188, 189, 190, 192, 193, 195, 196, 198 and 199.**

1. The following Deed is entered on the Public Register:

Deed to Amend Fixed Factor Area Deeds dated 24<sup>th</sup> October 2005 between the Minister for Mineral Resources Development, Alliance Petroleum Australia Pty Ltd, Basin Oil Pty Ltd, Origin Energy Resources Limited, Bridge Oil Developments Pty Ltd, Delhi Petroleum Pty Ltd, Novus Australia Resources NL (now Santos (NARL Cooper) NL), Reef Oil Pty Ltd, Santos Limited, Santos (BOL) Pty Ltd, Santos Petroleum Pty Ltd and Vamgas Pty Ltd.



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

Date: 21 December 2005

SR 27/2/4

DATED

24<sup>th</sup>

DAY OF

OCTOBER

2005

**DEED TO AMEND FIXED FACTOR AREA DEEDS**

**BETWEEN**

**MINISTER FOR MINERAL RESOURCES DEVELOPMENT  
("MINISTER")**

**-AND-**

**ALLIANCE PETROLEUM AUSTRALIA PTY LTD  
A.B.N. 60 004 559 951**

**BASIN OIL PTY LTD  
A.B.N. 36 000 628 017**

**ORIGIN ENERGY RESOURCES LIMITED  
A.B.N. 66 007 845 338**

**BRIDGE OIL DEVELOPMENTS PTY LTD  
A.B.N. 30 001 152 049**

**DELHI PETROLEUM PTY LTD  
A.B.N. 65 007 854 686**

**NOVUS AUSTRALIA RESOURCES NL  
A.B.N. 75 004 761 255**

**REEF OIL PTY LTD  
A.B.N. 70 000 646 800**

**SANTOS LIMITED  
A.B.N. 80 007 550 923**

**SANTOS (BOL) PTY LTD  
A.B.N. 35 000 146 575**

**SANTOS PETROLEUM PTY LTD  
A.B.N. 95 000 146 369**

**VAMGAS PTY LTD  
A.B.N. 76 006 245 110**

**("LICENSEES")**



**CROWN SOLICITOR**

Level 9, 45 Pirie Street, Adelaide SA 5000

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**THIS DEED** is made the 24<sup>th</sup> day of October 2005

**BETWEEN:**

**MINISTER FOR MINERAL RESOURCES DEVELOPMENT** a body corporate pursuant to the Administrative Arrangements Act, 1994 (SA) and whose office is situated at Level 9, 178 North Terrace, Adelaide 5000 in the State of South Australia. ("Minister")

COMMISSIONER OF STATE TAXATION

STAMP DUTY PAID

ORIGINAL with 0 copies

21/12/2005 14:45:25

DEED

**AND**

**ALLIANCE PETROLEUM AUSTRALIA PTY LTD** A.B.N. 60 004 559 951 of Level 29, 91 King William Street, Adelaide, South Australia, **BASIN OIL PTY LTD** A.B.N. 36 000 628 017 of c/- OMV Australia Pty Ltd, Level 29 St Martins Tower, 44 St Georges Terrace, Perth, Western Australia, **ORIGIN ENERGY RESOURCES LIMITED** A.B.N. 66 007 845 338 of Level 2, South Tower John Oxley Centre, 339 Coronation Drive, Milton Queensland, **BRIDGE OIL DEVELOPMENTS PTY LTD** A.B.N. 30 001 152 049 of Level 29, 91 King William Street, Adelaide, South Australia, **DELHI PETROLEUM PTY LTD** A.B.N. 65 007 854 686 of c/- Gradav Ltd., 128 Crown Street, East Sydney, NSW, **NOVUS AUSTRALIA RESOURCES NL** A.B.N. 75 004 761 255 of Level 19, 321 Kent Street, Sydney, New South Wales, **REEF OIL PTY LTD** A.B.N. 70 000 646 800 of Level 29, 91 King William Street, Adelaide, South Australia, **SANTOS LIMITED** A.B.N. 80 007 550 923 of Level 29, 91 King William Street, Adelaide, South Australia, **SANTOS (BOL) PTY LTD** A.B.N. 35 000 670 575 of Level 29, 91 King William Street, Adelaide, South Australia, **SANTOS PETROLEUM PTY LTD** A.B.N. 000 146 369 of Level 29, 91 King William Street, Adelaide, South Australia, **VAMGAS PTY LTD** A.B.N. 006 245 100 of Level 29, 91 King William Street, Adelaide, South Australia ("Licensees")

**RECITALS:**

- A. By way of several deeds dated 23 July 1999, 12 June 2001, 1 May 2001, and 5 January 2000 between the Parties, the Parties agreed certain special conditions on Petroleum Production Licences ("PPL") that require that areas greater than twice the proved and probable area of the field, be surrendered by various agreed dates.

- B. Several of the special conditions on Petroleum Production Licences have been met. However, many of the special conditions on Petroleum Production Licences remain unmet.
- C. The parties now wish to record that certain Petroleum Production Licences referred to in this deed have met the special conditions set out in the Original Deeds and that other Petroleum Production Licences referred to in the Original Deeds have not met the special conditions set out in the Original Deeds and that the Original Deeds as they relate to the unmet special conditions are to be extended to 30 June 2008.

**THE PARTIES COVENANT AS FOLLOWS:**

**1. ACCURACY OF RECITALS**

The Parties agree both that the matters referred to in the recitals of this Deed are true and correct in every material particular and that the recitals shall form part of this Deed.

**2. DEFINITIONS & INTERPRETATION**

**2.1 Definitions**

Subject to any contrary intention indicated by subject or context, for the purpose of the interpretation of this Deed the following terms and expressions are stipulated as having the following meanings:

2.1.1 “**Petroleum Production Licence / PPL**” means either

- (a) a petroleum production licence granted to the Licensees by the Minister pursuant to *Petroleum Act, 1940* and other enabling legislation and continued pursuant to section 2 of the Schedule to the *Petroleum Act, 2000*, or
- (b) a petroleum production licence granted to the Licensees by the Minister pursuant to the *Petroleum Act, 2000*.

2.1.2 “**Licensee**” means Alliance Petroleum Australia Pty Ltd A.B.N 60 004 559 951, Basin Oil Pty Ltd A.B.N. 36 000 628 017, Origin Energy Resources Limited A.B.N. 66 007 845 338, Bridge Oil Developments Pty Ltd A.B.N. 30 001 152 049, Delhi Petroleum Pty Ltd A.B.N. 65 007 854

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686, Novus Australia Resources NL A.B.N. 75 004 761 255, Reef Oil Pty Ltd A.B.N. 70 000 646 800, Santos Limited A.B.N. 80 007 550 923, Santos (BOL) Pty Ltd A.B.N. 35 000 670 575, Santos Petroleum Pty Ltd A.B.N. 000 146 369, Vamgas Pty Ltd A.B.N. 006 245 100

- 2.1.3 **“Parties”** means the parties to this deed.
- 2.1.4 **“Greater Beckler Area Deed”** means the deed between the Parties dated 5<sup>th</sup> January 2000 in relation to PPL141 named Greater Beckler.
- 2.1.5 **“Allambi Deed”** means the deed between the Parties dated 12<sup>th</sup> June 2001 in relation to PPL169 named Allambi Extension and other PPLs 170, 174, 176, 177, 178, 179, 180, 184, 193, 195 and 199.
- 2.1.6 **“Cabernet Deed”** means the deed between the Parties dated 23<sup>rd</sup> July 1999 in relation to PPL138 named Cabernet and other PPLs 143, 145, 151, 140, 150, 153 and 148.
- 2.1.7 **“Atrides Deed”** means the deed between the Parties dated 1<sup>st</sup> May 2001 in relation to PPL171 named Atrides Extension and other PPLs 172, 173, 175, 181, 183, 185, 186, 188, 189, 190, 192, 196 and 198.
- 2.1.8 **“Original Deeds”** means the Greater Beckler Area Deed, the Allambi Deed, the Cabernet Deed and the Atrides Deed.

## 2.2 **Interpretation**

Subject to any contrary intention indicated by subject or context, the following rules of construction shall be used in the interpretation of this Deed.

- 2.2.1 Words denoting the singular number or plural number include the plural number and singular number respectively.
  - 2.2.2 Words denoting any gender shall include all genders.
  - 2.2.3 Headings are for convenience only and shall not affect interpretation.
  - 2.2.4 Words denoting individuals shall include corporations and vice versa.
  - 2.2.5 A reference to a recital, party, clause, schedule appendix or annexure is a reference to a recital, party, clause, schedule, appendix or annexure of this Deed.
  - 2.2.6 A reference to any Act, regulation or by-law shall be deemed to include all amendments thereto and all statutory provisions substituted hereafter.
  - 2.2.7 The use of "or" shall be that of the inclusive "or", i.e., meaning one, some or all of a number of possibilities or alternatives.
  - 2.2.8 All references to "dollars" or to "\$" are to Australian dollars.
-

**3. AMENDMENT TO GREATER BECKLER AREA DEED**

- 3.1 The Parties agree to amend the Greater Beckler Area Deed by deleting the words and figure “1 January 2005” where they appear in Column 4 of the Schedule and substituting in their place the words and figures “30 June 2008”.
- 3.2 The provision of this Deed will be read together with and form part of the Greater Beckler Area Deed.

**4. AMENDMENT TO CABERNET DEED**

- 4.1 The Parties agree to amend the Cabernet Deed by deleting the words and figures “5 years from Grant” where it appears in second, third, fifth and eighth lines of Column 4 of the Schedule to that Deed and in their place substituting the words and figures “30 June 2008”.
- 4.2 The Parties agree that PPLs 138, 150,151 and 153 referred to in the Cabernet Deed have met the special conditions referred to in the Cabernet Deed.
- 4.3 The provisions of this Deed will be read together with and form part of the Cabernet Deed.

**5. AMENDMENT TO ALLAMBI DEED**

- 5.1 The Parties agree to amend the Allambi Deed by deleting the words and figures “5 years from grant” where they appear in Column 4 of the Schedule to that Deed and substituting in their place the words and figures “30 June 2008”.
- 5.2 The provisions of this Deed will be read together with and form part of the Allambi Deed.

**6. AMENDMENT TO ATREIDES DEED**

- 6.1 The Parties agree to amend the Atreides Deed by deleting the words and figures “5 years from grant” where they appear in Column 4 of the Schedule to that Deed and substituting in their place the words and figures “30 June 2008”.
  - 6.2 The provisions of this Deed will be read together with and form part of the Atreides Deed.
-

7. **COSTS**

The Parties each bear their own legal costs and expenses incurred in respect of the negotiation, preparation and execution of this Deed. Further, the Licensee shall pay any stamp duty assessed in respect of this Deed.

8. **SUCCESSORS BOUND**

This Deed binds a party's successors, personal representatives and assigns.

9. **PROPER LAW AND JURISDICTION**

9.1 The laws in force in South Australia apply to this Deed.

9.2 The Parties agree to submit to the exclusive jurisdiction of the courts of South Australia in respect of all disputes arising under or relating to this Deed and any proceedings brought in the Federal Court must be instituted in the Adelaide Registry of the Federal Court.

10. **COUNTERPARTS**

This Deed may be executed in any number of counterparts each of which is taken to be an original. All of those counterparts taken together constitute one document.

11. **ORIGINAL DEEDS**

Except and to the extent that the Original Deeds are varied by this Deed the Original Deeds remain unchanged.

---

**EXECUTED UNCONDITIONALLY AS A DEED**

**THE COMMON SEAL** of the **MINISTER**

**FOR MINERAL RESOURCES**

**DEVELOPMENT** was hereunto affixed by

authority of the Minister in the presence of:



*Saul Holloway*

.....  
*LEE BITZIOS*

Witness

Print Name: *LEE BITZIOS*

Executed for and on behalf of **ALLIANCE PETROLEUM**

**AUSTRALIA PTY LTD, BRIDGE OIL**

**DEVELOPMENTS PTY LTD, REEF OIL PTY**

**LTD, SANTOS LIMITED, SANTOS (BOL) PTY**

**LTD, SANTOS PETROLEUM PTY LTD** and

**VAMGAS PTY LTD** respectively by being **SIGNED,**

**SEALED AND DELVERED** by its duly appointed

Attorney in the presence of:

.....  
*DIANE GIBSON*

Witness

Print Name: *DIANE GIBSON*

*[Signature]*

**THE COMMON SEAL of BASIN OIL PTY LTD** )

was hereunto affixed in the presence of: )

*Peter C Wasow*

Director  
Print Name: **PETER C WASOW**

*Robert James Wishart*

Secretary  
Print Name: **ROBERT JAMES WISHART**



**THE COMMON SEAL of ORIGIN ENERGY** )

**RESOURCES LTD** was hereunto affixed in the presence )

of: )

*Robert Jan Willink*

Director  
Print Name: **DIRECTOR  
ROBERT JAN WILLINK**

*Bruce John Atkinson*

Secretary  
Print Name: **Bruce John Atkinson**



**EXECUTED** for and on behalf of **DELHI** )

**PETROLEUM PTY LTD** by its duly )

authorised attorney in the presence of: )

.....  
Signature of Witness

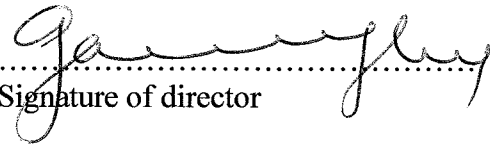
.....  
Signature of Attorney

.....  
Name of Witness

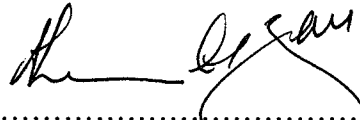
.....  
Name of Attorney

**DPPL**

**EXECUTED** by **DELHI** )  
**PETROLEUM PTY LTD** in )  
Accordance with section 127(1) of the )  
Corporations Act by authority of its )  
Directors: )

  
.....  
Signature of director )

*G. S. FOLEY*  
.....  
Name of director (block letters) )

  
.....

Signature of ~~director~~/company  
secretary\*

\*delete whichever is not applicable

*K. C. BAK*  
.....

Name of ~~director~~/company secretary\*

\*delete whichever is not applicable

**THE COMMON SEAL** of **NOVUS AUSTRALIA** )

**RESOURCES N.L.** was hereunto affixed in accordance )

its constitution in the presence of: )

*[Handwritten signature]*

.....  
Director  
Print Name: **PETER C WASOW** .....

*[Handwritten signature]*

.....  
Secretary  
Print Name: **ROBERT JAMES WISHART** .....



**Petroleum Act 2000**  
**S.115**

**MEMORANDUM**

**PETROLEUM PRODUCTION LICENCES (PPLs) 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199**

**and**

**PIPELINE LICENCES (PLs) 2, 5, 9 and 15**

1. Notation of receipt of Bank Guarantee dated 27 October 2005, is hereby entered on the commercial register.
2. Security is held to cover any event occurring in any licence operated by Santos Limited on behalf of the respective Cooper Basin Joint Ventures in South Australia.
3. Cash security held in respect of PPL 152 is hereby discharged to Santos Limited.
4. Bank Guarantees held in respect of the above referenced PLs and PPLs (excluding PPL 152) are hereby discharged to Santos Limited.



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

Date: 23 November 2005

**Petroleum Act 2000**

S.115


**MEMORANDUM**

**PETROLEUM PRODUCTION LICENCES 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199**

**PIPELINE LICENCES 2, 5, 9 AND 15**

1. Notation of registrable dealing as evidenced by the following document is hereby entered on the Public Register;

- SA 2004-44 DPPL Security dated 21 May 2004 between Delhi Petroleum Pty Ltd and Westpac Banking Corporation.



**Paul Holloway**

Leader of the Government in the Legislative Council  
Minister for Industry, Trade and Regional Development  
Minister for Mineral Resources Development  
Minister for Small Business

Date: 23/7/04

***Petroleum Act 2000***

S.115(2)(e)

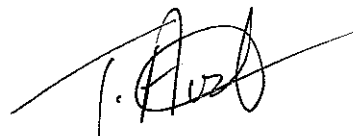
S.117(2)(b)

**MEMORANDUM**

**PETROLEUM PRODUCTION LICENCES (PPLs) 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198 and 199**

- 1 Pursuant to sections 115(2)(e) and 117(2)(b) of the *Petroleum Act 2000*, notation is hereby entered on the public and commercial register for each of the abovementioned PPLs, that the register created under the then *Petroleum Act 1940*, relative to Petroleum Exploration Licences 5 and 6, which expired on 27 February 1999, is adopted as part of the commercial register for each of the above said PPLs

Dated: 7 May 2004



**T. AUST  
A/Director Petroleum  
Minerals and Energy Division  
Primary Industries and Resources SA  
Delegate of the Minister for Mineral  
Resources Development**

**Petroleum Act 2000  
S.115**

**MEMORANDUM**

**PETROLEUM PRODUCTION LICENCES**

PPL's 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 119, 120, 124, 126, 127, 128, 129, 130, 132, 133, 134, 135, 137, 138, 139, 140, 141, 143, 144, 145, 146, 148, 149, 150, 151, 153, 154, 155, 157, 159, 160, 161, 162, 163, 164, 165, 166, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 183, 184, 185, 186, 188, 189, 190, 192, 193, 195, 196, 198, 199;

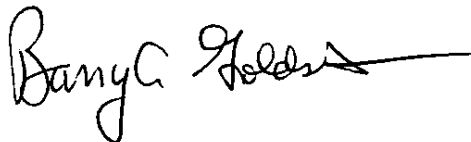
And

**PIPELINE LICENCE  
PL 2**

1. Notation of change of company name –

From: Basin Oil NL  
To: Basin Oil Pty Ltd

is hereby entered on the public register of licences.



**BARRY A GOLDSTEIN**  
Director Petroleum  
Office of Minerals and Energy Resources  
Delegate of the Minister for Mineral Resources  
Development

Date: 15 October 2002

Form 242

FREEHILL HOLLINGDALE & PAGE  
AMP BUILDING  
22nd Fl  
140 ST Georges Terrace  
PERTH WA 6000

Remove this top section if desired before framing

# Certificate of Registration on Change of Type and Conversion to a Proprietary Company



This is to certify that

**BASIN OIL N.L.**

Australian Company Number 000 628 017

on the eighth day of June 2000 converted to  
a company limited by shares  
and on the eighth day of June 2000 changed  
to a proprietary company.

The name of the company is now

**BASIN OIL PTY LTD**

Australian Company Number 000 628 017

The company is taken to be registered as a company  
under the Corporations Law of New South Wales.

CERTIFICATE

Issued by the  
Australian Securities and Investments Commission  
on this eighth day of June, 2000.

Alan Cameron  
Chairman

**M E M O R A N D U M**

**PETROLEUM ACT 1940**

**SECTION 44**

**PETROLEUM EXPLORATION LICENCES NOS. 27, 32, 57, 66 AND 72  
PETROLEUM PRODUCTION LICENCES NOS. 6 TO 20, 22 TO 61 AND 63 TO 168  
PIPELINE LICENCES 2, 5, 9 AND 10**

Receipt of the following document is hereby entered onto the Petroleum Register.

- Certificate of Registration on Change of Name dated 24 February 2000.  
Boral Energy Resources Ltd is now known as Origin Energy Resources Ltd.



**J S ZABROWARNY  
MANAGER PETROLEUM LICENSING AND ROYALTIES**

13 March 2000

24/02/00

14:37

+61 8 8223 4405

NO. 462 · 004

User: MARKK

Host: BETA1.oca.boral.com.au

Class: Job: MARKK\_TRLRP

CLAYTON UTZ  
1 O'Connell Street  
SYDNEY NSW 2000

Remove this top section if desired before printing

## Certificate of Registration on Change of Name

This is to certify that

**BORAL ENERGY RESOURCES LIMITED**

Australian Company Number 007 845 338

did on the twenty-fourth day of February 2000 change its name to

**ORIGIN ENERGY RESOURCES LIMITED**

Australian Company Number 007 845 338

The company is a public company.

The company is limited by shares.

The company is taken to be registered as a company  
under the Corporations Law of South Australia.

Issued by the  
Australian Securities and Investments Commission  
on this twenty-fourth day of February, 2000.



Alan Cameron  
Chairman



CERTIFICATE

# MEMORANDUM

Section 44, Petroleum Act 1940

PETROLEUM PRODUCTION LICENCES 6 to 20,  
22 to 61, 63 to 140, 142 to 167

PIPELINE LICENCE No. 2

Receipt of the following document is hereby entered onto the Petroleum Register.

- Certificate of Registration on Change of Name dated 6 October 1999.  
Gulf (Aust) Resources NL is now known as Novus Australia Resources NL.



J S Zabrowarny  
Manager, Petroleum Licensing and Royalties

10 December 1999

NOVUS PETROLEUM LIMITED  
Level 9  
321 Kent Street  
SYDNEY NSW 2000

Remove this top section if desired before printing

## Certificate of Registration on Change of Name



This is to certify that

**GULF (AUST) RESOURCES N.L.**

Australian Company Number 004 761 255

did on the sixth day of October 1999 change its name to

**NOVUS AUSTRALIA RESOURCES NL**

Australian Company Number 004 761 255

The company is a public company.

The company is a no liability company.

The company is taken to be registered as a company  
under the Corporations Law of Victoria.

Issued by the  
Australian Securities and Investments Commission  
on this sixth day of October, 1999.

Alan Cameron  
Chairman

CERTIFICATE

## GRANT OF PETROLEUM PRODUCTION LICENCE

Department of Primary Industries and Resources, 11 August 1999

NOTICE is hereby given that pursuant to delegated powers dated 20 November 1997, *Gazetted* 4 December 1997, page 1526, the undermentioned Petroleum Production Licence has been granted under the provisions of the Petroleum Act 1940.

D. R. MUTTON, Chief Executive, Delegate of the Minister for Primary Industries, Natural Resources and Regional Development

No. of Licence	Licensees	Locality	Date of Expiry	Area in km <sup>2</sup>	Reference
148	SANTOS Ltd Delhi Petroleum Pty Ltd Boral Energy Resources Ltd Vamgas Pty Ltd Gulf (Aust) Resources NL Alliance Petroleum Australia Pty Ltd Reef Oil Pty Ltd Santos Petroleum Pty Ltd Bridge Oil Developments Pty Ltd Santos (BOL) Pty Ltd Basin Oil NL	Welcome Lake East Field in the Cooper Basin of South Australia	10 August 2020	8.33	SR.28.1.294

*Description of the Area*

All that part of the State of South Australia bounded as follows: commencing at a point being the intersection of latitude 27°46'30"S, and longitude 139°45'40"E, thence east to longitude 139°46'20"E, south to latitude 27°46'40"S, east to longitude 139°46'30"E, south to latitude 27°46'50"S, east to longitude 139°47'10"E, south to latitude 27°47'00"S, east to longitude 139°47'20"E, south to latitude 27°47'40"S, west to longitude 139°47'10"E, south to latitude 27°47'50"S, west to longitude 139°47'00"E, south to latitude 27°48'00"S, west to longitude 139°46'40"E, south to latitude 27°48'10"S, west to longitude 139°46'30"E, south to latitude 27°48'30"S, west to longitude 139°45'40"E, north to latitude 27°48'10"S, west to longitude 139°45'30"E, north to latitude 27°46'50"S, east to longitude 139°45'40"E, and north to the point of commencement, all the within latitudes and longitudes being geodetic and expressed in terms of the Australian Geodetic Datum as defined on p. 4984 of *Commonwealth Gazette* number 84 dated 6 October 1966.

## GRANT OF PETROLEUM PRODUCTION LICENCE

Department of Primary Industries and Resources, 11 August 1999

NOTICE is hereby given that pursuant to delegated powers dated 20 November 1997, *Gazetted* 4 December 1997, page 1526, the undermentioned Petroleum Production Licence has been granted under the provisions of the Petroleum Act 1940.

D. R. MUTTON, Chief Executive, Delegate of the Minister for Primary Industries, Natural Resources and Regional Development

No. of Licence	Licensees	Locality	Date of Expiry	Area in km <sup>2</sup>	Reference
149	SANTOS Ltd Delhi Petroleum Pty Ltd Boral Energy Resources Ltd Vamgas Pty Ltd Gulf (Aust) Resources NL Alliance Petroleum Australia Pty Ltd Reef Oil Pty Ltd Santos Petroleum Pty Ltd Bridge Oil Developments Pty Ltd Santos (BOL) Pty Ltd Basin Oil NL	Jaibu West Field in the Cooper Basin of South Australia	31 December 2019	33.37	SR.28.1.271

*Description of the Area*

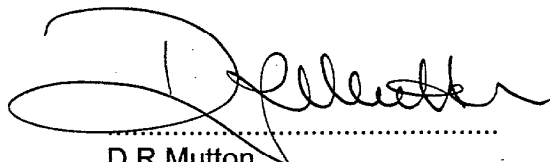
All that part of the State of South Australia bounded as follows: commencing at a point being the intersection of latitude 28°27'40"S and longitude 140°20'00"E, thence east to longitude 140°21'00"E, south to latitude 28°27'50"S, east to longitude 140°21'20"E, south to latitude 28°29'20"S, west to longitude 140°21'10"E, south to latitude 28°29'50"S, west to longitude 140°21'00"E, north to latitude 28°29'30"S, west to longitude 140°20'40"E, north to latitude 28°29'10"S, west to longitude 140°20'30"E, north to latitude 28°29'00"S, west to longitude 140°20'20"E, north to latitude 28°28'50"S, west to longitude 140°19'30"E, south to latitude 28°29'00"S, west to longitude 140°19'10"E, south to latitude 28°29'10"S, west to longitude 140°19'00"E, south to latitude 28°29'30"S, west to longitude 140°18'50"E, south to latitude 28°30'20"S, west to longitude 140°18'10"E, north to latitude 28°30'10"S, west to longitude 140°18'00"E, north to latitude 28°30'00"S, west to longitude 140°17'50"E, north to latitude 28°29'40"S, west to longitude 140°17'10"E, south to latitude 28°30'00"S, west to longitude 140°17'00"E, south to latitude 28°30'30"S, east to longitude 140°17'20"E, south to latitude 28°31'00"S, west to longitude 140°17'00"E, south to latitude 28°31'10"S, west to longitude 140°16'40"E, south to latitude 28°31'20"S, west to longitude 140°16'30"E, south to latitude 28°31'50"S, east to longitude 140°17'00"E, south to latitude 28°32'10"S, east to longitude 140°17'20"E, south to latitude 28°33'20"S, east to longitude 140°18'00"E, south to latitude 28°33'40"S, west to longitude 140°17'30"E, north to latitude 28°33'30"S, west to longitude 140°16'10"E, north to latitude 28°33'00"S, west to longitude 140°15'40"E, north to latitude 28°32'20"S, east to longitude 140°15'50"E, north to latitude 28°31'20"S, west to longitude 140°15'30"E, north to latitude 28°30'00"S, east to longitude 140°15'50"E, north to latitude 28°29'40"S, east to longitude 140°16'20"E, north to latitude 28°29'20"S, east to longitude 140°17'00"E, north to latitude 28°29'00"S, east to longitude 140°17'20"E, north to latitude 28°28'40"S, east to longitude 140°19'00"E, north to latitude 28°28'00"S, east to longitude 140°20'00"E, and north to the point of commencement, all the within latitudes and longitudes being geodetic and expressed in terms of the Australian Geodetic Datum as defined on p. 4984 of *Commonwealth Gazette* number 84 dated 6 October 1966.

**MEMORANDUM**

**PETROLEUM PRODUCTION LICENCE NO 148**

1. This licence granted on 11/8/1999 is hereby entered on the Petroleum Register.
2. A security in the form of a \$15,000 bank guarantee has been lodged with respect to this licence.
3. Interests in the licence are as follows:

	%
• Santos Ltd	40.70
• Delhi Petroleum Pty Ltd	20.21
• Boral Energy Resources Ltd	13.19
• Vamgas Pty Ltd	8.51
• Gulf (Aust) Resources NL	4.75
• Bridge Oil Developments Pty Ltd	3.99
• Alliance Petroleum Australia Pty Ltd	3.97
• Basin Oil NL	2.10
• Reef Oil Pty Ltd	1.97
• Santos Petroleum Pty Ltd	0.40
• Santos (BOL) Pty Ltd	0.21



.....  
D R Mutton  
**CHIEF EXECUTIVE**  
**DEPT OF PRIMARY INDUSTRIES AND**  
**RESOURCES SA**  
Delegate of the Minister for Primary  
Industries, Natural Resources and  
Regional Development

# SOUTH AUSTRALIA PETROLEUM ACT 1940

## PETROLEUM PRODUCTION LICENCE NO. 148

I, DENNIS RAY MUTTON, Chief Executive, Department of Primary Industries and Resources (CE) in the State of South Australia pursuant to the provisions of the Petroleum Act, 1940 and all other enabling powers for and on behalf of Robert Gerard Kerin, Minister for Primary Industries, Natural Resources and Regional Development (Minister), pursuant to delegation dated 20 November 1997, (refer Government Gazette dated 4 December 1997 page 1526), HEREBY GRANT TO :-

- **ALLIANCE PETROLEUM AUSTRALIA PTY LTD**, A.C.N. 004 559 951 of Level 29, 91 King William Street, Adelaide, South Australia,
- **BASIN OIL N.L.** A.C.N. 000 628 017 of Level 4, 828 Pacific Highway, Gordon, New South Wales.
- **BORAL ENERGY RESOURCES LIMITED**, ACN 007 845 338 of 60 Hindmarsh Square, Adelaide, South Australia,
- **BRIDGE OIL DEVELOPMENTS PTY LTD.** A.C.N. 001 152 049 of Level 29, 91 King William Street, Adelaide, South Australia,
- **DELHI PETROLEUM PTY LTD**, ACN 007 854 686 of c/- Esso Australia Ltd., Esso House, 12 Riverside Quay, Southbank, Victoria,
- **GULF (AUST) RESOURCES NO LIABILITY**, ACN 004 761 255 of Level 14, London House, 216 St George's Terrace, Perth, Western Australia,
- **REEF OIL PTY LTD**, A.C.N. 000 646 800 of Level 29, 91 King William Street, Adelaide, South Australia,
- **SANTOS LIMITED**, ACN 007 550 923 of Level 29, 91 King William Street, Adelaide, South Australia,
- **SANTOS (BOL) PTY LTD** A.C.N. 000 670 575 of Level 29, 91 King William Street, Adelaide, South Australia,
- **SANTOS PETROLEUM PTY LTD**, A.C.N. 000 146 369 of Level 29, 91 King William Street, Adelaide, South Australia, and
- **VAMGAS PTY LTD**, ACN 006 245 110 of Level 29, 91 King William Street, Adelaide, South Australia.

COMMISSIONER OF STATE

S.A. STAMP DUTY PAID

ORIGINAL WITH 12 COPIES

17/08/1999 14:56:48

DEED

IZ191.5

\$10.00

(hereinafter referred to as 'the Licensees') a Petroleum Production Licence in respect of the area described below and subject to the conditions set out below, to have effect for a period of twenty-one (21) years to expire on the 10<sup>th</sup> day of August 2020 but carrying the rights of renewal conferred by the Petroleum Act 1940.

### DESCRIPTION OF THE AREA

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

Commencing at a point being the intersection of latitude 27°46'30"S, and longitude 139°45'40"E, thence east to longitude 139°46'20"E, south to latitude 27°46'40"S, east to longitude 139°46'30"E, south to latitude 27°46'50"S, east to longitude 139°47'10"E, south to latitude 27°47'00"S, east to longitude 139°47'20"E, south to latitude 27°47'40"S, west to longitude 139°47'10"E, south to latitude 27°47'50"S, west to longitude 139°47'00"E, south to latitude 27°48'00"S, west to longitude 139°46'40"E, south to latitude 27°48'10"S, west to longitude 139°46'30"E, south to latitude 27°48'30"S, west to longitude 139°45'40"E, north to latitude 27°48'10"S, west to longitude 139°45'30"E, north to latitude 27°46'50"S, east to longitude 139°45'40"E, and north to the point of commencement.

All the within latitudes and longitudes being geodetic and expressed in terms of the Australian Geodetic Datum as defined on p. 4984 of Commonwealth Gazette number 84 dated 6 October 1966.

AREA: 8.33 square kilometres approximately.

### CONDITIONS

The Licensees shall at all times comply with:

- (a) the provisions of the Petroleum Act 1940 and of any regulations for the time being and from time to time in force under that Act; and
- (b) all directions given to them under the Act or regulations for the time being and from time to time in force under that Act.
- (c) its obligations under the Deed dated 23<sup>rd</sup> July 1999 between the Minister for Primary Industries, Natural Resources and Regional Development and Alliance Petroleum Australia Pty Ltd, Basin Oil N.L., Boral Energy Resources Limited, Bridge Oil Developments Pty Ltd, Delhi Petroleum Pty Ltd, Gulf (Aust) Resources N.L., Reef Oil Pty Ltd, Santos Limited, Santos (BOL) Pty Ltd, Santos Petroleum Pty Ltd and Vamgas Pty Ltd.

**DECLARATION**

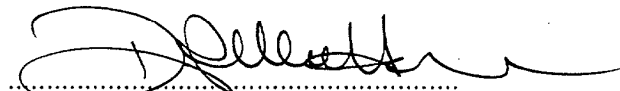
It is hereby acknowledged and agreed that the licensees, as at the date of grant of this licence, own and hold the following undivided interests respectively in and under this licence:-

<b>Santos</b>	:	Forty point seven per centum	(40.7%)
<b>Delhi</b>	:	Twenty point two one per centum	(20.21%)
<b>Boral</b>	:	Thirteen point one nine per centum	(13.19%)
<b>Vamgas</b>	:	Eight point five one per centum	(8.51%)
<b>Gulf</b>	:	Four point seven five per centum	(4.75%)
<b>Bridge Oil Dev.</b>	:	Three point nine nine per centum	(3.99%)
<b>Alliance</b>	:	Three point nine seven per centum	(3.97%)
<b>Basin</b>	:	Two point one per centum	(2.1%)
<b>Reef</b>	:	One point nine seven per centum	(1.97%)
<b>Santos Petroleum</b>	:	Zero point four per centum	(0.4%)
<b>Santos (BOL)</b>	:	Zero point two one per centum	(0.21%)

and that as between the Licensees the undivided interests so owned and held by the Licensees shall be subject to the provisions of a Joint Operating Agreement dated the 20th day of February 1974 to which the Licensees are parties and as the same has been amended and as may hereafter be amended or replaced from time to time **PROVIDED THAT** any amendment or replacement which affects or could affect the undivided interests of the Licensees shall be of no force or effect unless approved by the Minister.

Signed by the Chief Executive,  
Department of Primary Industries and Resources at Adelaide

this ..... 11<sup>th</sup> ..... day of ..... August ..... 1999



.....  
**Dennis Ray Mutton**  
**Chief Executive**  
**Department of Primary Industries and Resources**  
**Delegate of the Minister for Primary Industries**  
**Natural Resources and Regional Development**

**SIGNED, SEALED AND DELIVERED** )  
by the said **LICENSEES** at Adelebridge )  
this 9th day of August 1999 )

Executed on behalf of )  
**ALLIANCE PETROLEUM AUSTRALIA** )  
**PTY LTD, BRIDGE OIL DEVELOPMENTS** )  
**PTY LTD, REEF OIL PTY LTD, SANTOS** )  
**LIMITED, SANTOS (BOL) PTY LTD, SANTOS** )  
**PETROLEUM PTY LTD and VAMGAS PTY LTD** )  
respectively by being **SIGNED, SEALED AND** )  
**DELIVERED** by its duly authorised Attorney under )  
Power of Attorney who hereby states that he has )  
received no notice of revocation of the Power of )  
Attorney effecting such appointment, in the )  
presence of: )

*[Handwritten signature]*

.....  
Witness

*[Handwritten signature]*

**THE COMMON SEAL** of )  
**BASIN OIL NL** was hereunto affixed )  
in the presence of: )

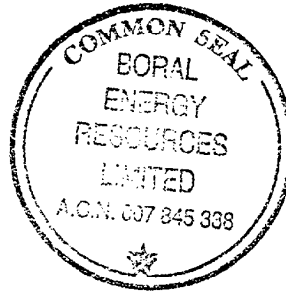
.....  
Director

.....  
Secretary

Executed on behalf of Basin Oil N.L.  
by being Signed Sealed and delivered  
by its duly authorised Attorney Resinela  
Mervice McNamee, under Power of  
Attorney who hereby states that she has  
received no notice of revocation of  
the Power of Attorney effecting such  
appointment, in the presence of:

M. Fallon  
Witness.

[Handwritten signature]



**THE COMMON SEAL** of  
**BORAL ENERGY RESOURCES** was hereunto  
affixed in the presence of:

.....  
Director

.....  
Secretary

**EXECUTED** for and on behalf of  
**DELHI PETROLEUM PTY LTD**  
by its duly authorised attorney  
in the presence of:

.....  
Signature of Attorney

.....  
Signature of Witness  
**MAREE HINCKES**

.....  
Name of Attorney  
**IAN WILLIAM ANGUS**

.....  
Name of Witness

Signed under Power of Attorney  
Dated 30th July 1999

by D.R. Whitby for and on  
behalf of Gulf (Aust)  
Resources NL

**THE COMMON SEAL** of  
**GULF (AUST) RESOURCES NL** was hereunto  
affixed in the presence of:

.....  
Director  
Witness

.....  
~~Secretary~~  
Attorney



In accordance with Section 117 of the *Petroleum Act 2000* (Act) this document forms part of 'The Commercial Register'.

Section 118 of the Act provides for the following:

**Authority to search register**

(1) A person is entitled to have access to the material included in the commercial register, on payment of the prescribed inspection fee, if the access is authorised by—

- (a) a person who has a legal or equitable interest in the relevant licence or registered dealing; or
- (b) (b) the Minister.

(2) The Minister must not authorise access under subsection (1)(b) unless the Minister has consulted with the licensee to whom the material relates and is satisfied that access should be authorised in the public interest.

FOR FURTHER INFORMATION PLEASE CONTACT:

Department of State Development  
Energy Resources Division  
GPO Box 320,  
Adelaide SA 5001  
(08) 8463 3204

## **MEMORANDUM**

### **Petroleum Act 1940 Section 44**

#### **EX PEL 5 & 6**

**PPLs 138, 140, 142, 143, 145, 148, 150, 151, 152, 153 and 156**

Receipt of the following documents are hereby entered onto the Petroleum Register.

- Fixed Factor Area Deed dated 23/7/99 between the Minister for Primary Industries, Natural Resources and Regional Development (Minister) and Alliance Petroleum Australia Pty Ltd, Basin Oil NL, Boral Energy Resources Ltd (Boral), Bridge Oil Developments Pty Ltd, Delhi Petroleum Pty Ltd (Delhi), Gulf (Aust) Resources NL (Gulf), Reef Oil Pty Ltd, Santos Ltd (Santos), Santos (BOL) Pty Ltd, Santos Petroleum Pty Ltd, and Vamgas Pty Ltd (Vamgas).
- Patchawarra East Deed dated 23/7/99 between the Minister and Boral, Delhi, Gulf, Santos and Vamgas.



**J S Zabrowarny**  
**MANAGER, PETROLEUM ADMINISTRATION**

26 July 1999

DATED: 23<sup>rd</sup> DAY OF July 1999

**FIXED FACTOR AREA**

**DEED**

**BETWEEN**

**MINISTER FOR PRIMARY INDUSTRIES, NATURAL RESOURCES  
AND REGIONAL DEVELOPMENT  
("MINISTER")**

**AND**

**ALLIANCE PETROLEUM AUSTRALIA PTY LTD**

**A.C.N. 004 559 951**

**BASIN OIL NL**

**A.C.N. 000 628 017**

**BORAL ENERGY RESOURCES LIMITED**

**A.C.N. 007 845 338**

**BRIDGE OIL DEVELOPMENTS PTY LTD**

**A.C.N. 001 152 049**

**DELHI PETROLEUM PTY LTD**

**A.C.N. 007 854 686**

**GULF (AUST) RESOURCES NO LIABILITY**

**A.C.N. 004 761 255**

**REEF OIL PTY LTD**

**A.C.N. 000 646 800**

**SANTOS LIMITED**

**A.C.N. 007 550 923**

**SANTOS (BOL) PTY LTD**

**A.C.N. 000 670 575**

**SANTOS PETROLEUM PTY LTD**

**A.C.N. 000 146 369**

**VAMGAS PTY LTD**

**A.C.N. 006 245 110**

**("LICENSEES")**

THIS DEED is dated the                      day of                      1999

**BETWEEN**

MINISTER FOR PRIMARY INDUSTRIES, NATURAL RESOURCES AND REGIONAL DEVELOPMENT a body corporate pursuant to the Administrative Arrangements Act, 1994 (SA) and whose office is situated at 17th Floor, 25 Grenfell Street, Adelaide, 5000 in the State of South Australia ("**Minister**")

**AND**

ALLIANCE PETROLEUM AUSTRALIA PTY LTD A.C.N. 004 559 951 of Level 29, 91 King William Street, Adelaide, South Australia, BASIN OIL NL A.C.N. 000 628 017 of Level 4, 828 Pacific Highway, Gordon, New South Wales, BORAL ENERGY RESOURCES LIMITED A.C.N. 007 845 338 of 60 Hindmarsh Square, Adelaide, South Australia, BRIDGE OIL DEVELOPMENTS PTY LTD A.C.N. 001 152 049 of Level 29, 91 King William Street, Adelaide, South Australia, DELHI PETROLEUM PTY LTD A.C.N. 007 854 686 of c/- Esso Australia Ltd., Esso House, 12 Riverside Quay, Southbank, Victoria, GULF (AUST) RESOURCES NO LIABILITY A.C.N. 004 761 255 of Level 14, London House, 216 St George's Terrace, Perth, Western Australia, REEF OIL PTY LTD A.C.N. 000 646 800 of Level 29, 91 King William Street, Adelaide, South Australia, SANTOS LIMITED A.C.N.007 550 923 of Level 29, 91 King William Street, Adelaide, South Australia, SANTOS (BOL) PTY LTD A.C.N. 000 670 575 of Level 29, 91 King William Street, Adelaide, South Australia, SANTOS PETROLEUM PTY LTD A.C.N. 000 146 369 of Level 29, 91 King William Street, Adelaide, South Australia, VAMGAS PTY LTD A.C.N. 006 245 110 of Level 29, 91 King William Street, Adelaide, South Australia ("**Licensees**").

## OPERATIVE PROVISIONS

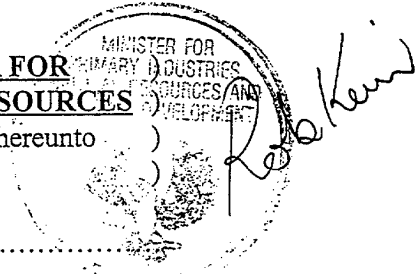
1. Pursuant to the Minister's offers to grant the petroleum production licences identified in the attached schedule ("Licences") to the Licensees, the Licensees hereby agree and undertake to:
  - 1.1 make application to the Minister to surrender such part (if any) of each licensed area ("Surrendered Areas") on or before the date specified for that Licence in the fourth column of the schedule so that the remaining area of that Licence is no greater than the combined total of:
    - (a) the area under which proved and probable reserves of petroleum occur including areas under which proved and probable reserves of petroleum can be demonstrated to have occurred prior to the initiation of production from the field; and
    - (b) surrounding land identified by the Licensees equal in size to the area mentioned in 1.1(a);
  - 1.2 surrender the least number of separate areas where technically appropriate and with regard to good petroleum field practice.
2. The Parties (which in this Deed shall mean the Minister and each of the Licensees) agree that the Licensees will have no right to retain title over the Surrendered Areas as a petroleum retention licence under any legislation which allows for such licences.
3. If the Minister following a technical review with the Licensees forms the view that the area or areas identified by the Licensees under 1.1(a) is or are not technically justified having regard to the matters referred to at 3.1 and 3.2, the Parties agree to appoint a suitably qualified expert (whose decision shall be final and binding), the costs of whom shall be borne equally between the Minister on the one hand and the Licensees on the other, to determine such area or areas. In the event the Parties fail to agree on the appointment of a suitably qualified expert, the expert shall be appointed by the President of the Society of Petroleum Engineers or his or her nominee. The expert shall, in making

his determination, have regard to:

- 3.1 the 1997 SPE/WPC Reserve Definitions; and
- 3.2 PIRSA's "Department of Mines and Energy, South Australia Report Book 91/96".
- 4. This Deed may not be amended or varied except by the written agreement of all Parties.
- 5. This Deed may be executed in any number of counterparts each of which is taken to be an original. All of those counterparts taken together constitute one instrument.
- 6. This Deed shall be governed and construed in all respects in accordance with the laws of South Australia and the Parties agree to submit to the exclusive jurisdiction of the courts of South Australia in respect of all disputes arising under or relating to this Deed.

**EXECUTED AS A DEED**

**THE COMMON SEAL** of the **MINISTER FOR PRIMARY INDUSTRIES, NATURAL RESOURCES AND REGIONAL DEVELOPMENT** was hereunto affixed in the presence of:



.....  
The Honourable Robert Gerard Kerin MP  
Minister for Primary Industries, Natural Resources  
and Regional Development.

.....  
Witness *D. R. Mutton*  
[Print Name: ]

**SIGNED, SEALED AND DELIVERED** by the said )  
**LICENSEES** at )  
this                    day of                    1999 )

Executed on behalf of ALLIANCE PETROLEUM )  
AUSTRALIA PTY LTD, BRIDGE OIL )  
DEVELOPMENTS PTY LTD, REEF OIL PTY )  
LTD, SANTOS LIMITED, SANTOS (BOL) PTY )  
LTD, SANTOS PETROLEUM PTY LTD and )  
VAMGAS PTY LTD respectively by being SIGNED, )  
SEALED AND DELIVERED by its duly authorised )  
Attorney under Power of Attorney who hereby states )  
That he has received no notice of revocation of the )  
Power of Attorney effecting such appointment, in the )  
Presence of: )

.....  
Witness  
[Print Name: ]

THE COMMON SEAL of the BASIN OIL NL )  
was hereunto affixed in the presence of: )

.....  
Director  
[Print Name: ]

.....  
Secretary  
[Print Name: S. Russotti ]



THE COMMON SEAL of the BORAL ENERGY )  
RESOURCES LTD was hereunto affixed in the )  
presence of: )

.....  
Director  
[Print Name: ]

.....  
Secretary  
[Print Name: ]

Executed on behalf of ALLIANCE PETROLEUM AUSTRALIA PTY LTD, BRIDGE OIL DEVELOPMENTS PTY LTD, REEF OIL PTY LTD, SANTOS LIMITED, SANTOS (BOL) PTY LTD, SANTOS PETROLEUM PTY LTD and VAMGAS PTY LTD respectively by being SIGNED, SEALED AND DELIVERED by its duly authorised Attorney under Power of Attorney who hereby states That he has received no notice of revocation of the Power of Attorney effecting such appointment, in the Presence of:

K. McManus

Witness  
[Print Name: KAREN McMANUS ]

THE COMMON SEAL of the BASIN OIL NL was hereunto affixed in the presence of:

Director  
[Print Name: ]

Secretary  
[Print Name: ]

THE COMMON SEAL of the BORAL ENERGY RESOURCES LTD was hereunto affixed in the presence of:

Director  
[Print Name: ]

Secretary  
[Print Name: ]

Executed on behalf of ALLIANCE PETROLEUM )  
AUSTRALIA PTY LTD, BRIDGE OIL )  
DEVELOPMENTS PTY LTD, REEF OIL PTY )  
LTD, SANTOS LIMITED, SANTOS (BOL) PTY )  
LTD, SANTOS PETROLEUM PTY LTD and )  
VAMGAS PTY LTD respectively by being SIGNED, )  
SEALED AND DELIVERED by its duly authorised )  
Attorney under Power of Attorney who hereby states )  
That he has received no notice of revocation of the )  
Power of Attorney effecting such appointment, in the )  
Presence of: )

.....  
Witness  
[Print Name: ]

THE COMMON SEAL of the BASIN OIL NL )  
was hereunto affixed in the presence of: )

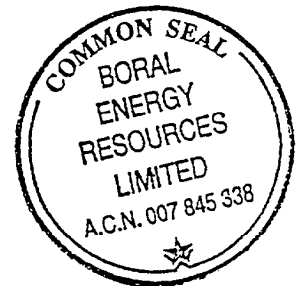
.....  
Director  
[Print Name: ]

.....  
Secretary  
[Print Name: ]

THE COMMON SEAL of the BORAL ENERGY )  
RESOURCES LTD was hereunto affixed in the )  
presence of: )

.....  
Director *E J Cook*  
[Print Name: ]

.....  
Secretary *W Fowler*  
[Print Name: W M FOWLER ]



**SIGNED, SEALED AND DELIVERED** for and on )  
 behalf of **DELHI PETROLEUM PTY LTD** by its )  
 duly authorised Attorney under Power of Attorney )  
 dated the            day of            199 , who hereby )  
 states that he has no notice of revocation of the said )  
 Power of Attorney at the time of executing this )  
 instrument in the presence of: )

.....  
 Delhi Petroleum Pty Ltd by its Attorney

.....  
 Witness  
 [Print Name: ]

**THE COMMON SEAL** of the **GULF (AUST)** )  
**RESOURCES NL** was hereunto affixed in the )  
 presence of: )

.....  
 Director **DAVID R. WHITBY**  
 MANAGING DIRECTOR  
 [Print Name: ]

.....  
 Secretary *Director*  
 [Print Name: ] **ANDREW ARMSTRONG**  
 OPERATIONS DIRECTOR



~~SIGNED, SEALED AND DELIVERED~~ for and on )  
behalf of DELHI PETROLEUM PTY LTD by its )  
duly authorised Attorney under Power of Attorney )  
dated the 12th day of February 1993, who hereby )  
states that he has no notice of revocation of the said )  
Power of Attorney at the time of executing this )  
instrument in the presence of: )

DELHI PETROLEUM PTY. LTD.  
BY ITS ATTORNEY  
*IAN WILLIAM ANGUS*  
.....  
IAN WILLIAM ANGUS

.....  
Delhi Petroleum Pty Ltd by its Attorney

*Maree Hinckes*

Witness MAREE HINCKES )  
[Print Name: ]

THE COMMON SEAL of the GULF (AUST) )  
RESOURCES NL was hereunto affixed in the )  
presence of: )

.....  
Director )  
[Print Name: ]

.....  
Secretary )  
[Print Name: ]

## THE SCHEDULE

PPL NUMBER	PPL NAME	AREA OF LICENCE (Km <sup>2</sup> )	DATE
COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4
138	Cabernet	23.24	2 years from Grant
143	Dorodillo	92.57	5 years from Grant
145	Koree / Koree South	17.88	5 years from Grant
151	Napowie	65.9	5 years after the commencement of production from within the area
140	Nephrite South	161.16	5 years from Grant
150	Raven	20.93	3 years from Grant
153	Shiraz	42.87	5 years after the commencement of production from within the area
148	Welcome Lake East	8.33	5 years from Grant