

## INDEX OF DOCUMENTS HELD ON THE PUBLIC REGISTER FOR PPL 86

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1. 18 September 1997 Licence document dated 18 September 1997  
Effective: 1 January 1997  
Expiry: 31 December 2017  
  
Interests in the Licence:  

|                                      |       |
|--------------------------------------|-------|
| 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  |
2. 18 September 1997 Memorandum entering licence on the public register and notating receipt of security.
3. 25 September 1997 Grant of Licence published in the South Australian Government Gazette dated 25 September 1997, Page 903.
4. 10 December 1999 Certificate of Registration on Change of Name dated 6 October 1999:  
From: Gulf (Aust) Resources NL  
To: Novus Australia Resources NL
5. 10 December 1999 Memorandum entering change of company name on the Public Register.
6. 13 March 2000 Certificate of Registration on Change of Name dated 24 February 2000:  
From: Boral Energy Resources  
To: Origin Energy Resources Ltd
7. 13 March 2000 Memorandum entering change of company name on the Public Register.
8. 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
9. 15 October 2002 Memorandum entering change of company name on the Public Register.
10. 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.

11. 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
12. 23 November 2005 Notation of discharge of security and receipt of replacement security is entered on the public register.
13. 13 January 2006 Certificate of Registration on Change of Name dated 29 June 2005:  
From: Novus Australia Resources NL  
To: Santos (NARNL Cooper) NL
14. 13 January 2006 Memorandum entering change of company name on the Public Register.
15. 9 May 2006 Certificate of Registration on Change of Name dated 1 December 2005:  
From: Santos (NARNL Cooper) NL  
To: Santos (NARNL Cooper) Pty Ltd.
16. 9 May 2006 Memorandum entering change of company name on the Public Register
17. 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
18. 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
19. 9 August 2017 Certificate of Registration on Change of Company Name dated 29 June 2017.  
  
From: Origin Energy Resources Limited  
To: Lattice Energy Limited
20. 9 August 2017 Memorandum entering notation of change of company name on the public register.

21. 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
22. 22 January 2020 Certificate of Registration on Change of Name dated 2 December 2019.
- From: Lattice Energy Limited  
To: Beach Energy (Operations) Limited
23. 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.

A handwritten signature in black ink that reads 'James Shipton'.

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:

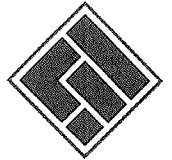
From: Origin Energy Resources Limited  
To: Lattice Energy Limited

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**  
**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) 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)

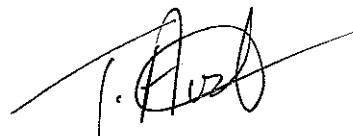
S.117(2)(b)

**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.oce.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 Mines and Energy Resources, Parkside, 18 September 1997

NOTICE is hereby given that pursuant to delegated powers dated 14 June 1995, *Gazetted* 15 June 1995, page 2845, the undermentioned petroleum production licence has been granted under the provisions of the Petroleum Act 1940.

A. J. ANDREJEWSKIS, Chief Executive Officer, Delegate of the Minister for Mines

| No. of Licence | Licensees   | Locality   | Date of Expiry   | Area in km <sup>2</sup> | Reference   |
|----------------|---|--|------------------|-------------------------|-------------|
| 86             | Santos Ltd<br>Delhi Petroleum Pty Ltd<br>Vamgas Pty Ltd<br>Boral Energy Resources Ltd<br>Gulf (Aust.) Resources NL<br>Alliance Petroleum Australia Pty Ltd<br>Reef Oil Pty Ltd<br>Santos Petroleum Pty Ltd<br>Bridge Oil Developments Pty Ltd<br>Santos (BOL) Pty Ltd<br>Basin Oil NL | Carmina field in the Cooper Basin of South Australia | 31 December 2017 | 2.34                    | SR.28.1.229 |

*Description of Area*

All that part of the State of South Australia bounded as follows: commencing at a point being the intersection of latitude 28°26.55'S and longitude 140°21.10'E, thence east to longitude 140°22.00'E, south to latitude 28°27.05'S, east to longitude 140°22.15'E, south to latitude 28°27.30'S, west to longitude 140°22.00'E, south to latitude 28°27.35'S, west to longitude 140°21.55'E, south to latitude 28°27.40'S, west to longitude 140°21.45'E, south to latitude 28°27.50'S, west to longitude 140°21.15'E, north to latitude 28°27.30'S, west to longitude 140°21.10'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.

PRICES ACT 1948

*Prices Order No. 6717 (S.A.)*

TAKE notice that, in pursuance of the powers delegated to me by the Minister pursuant to section 7 (2) of the above Act, I hereby fix the maximum prices at which the declared goods specified in the Schedule to this order may be sold by H. J. Heinz, 46 Nelson Street, Stepney, S.A. 5069 to be the prices therein specified. The maximum prices so fixed are to operate on and after 22 September 1997.

THE SCHEDULE

Heinz Infant Foods

150 g Farleys Biscuits—\$36.92 per dozen

Dated 16 September 1997.

H. GILMORE, Commissioner for Prices

ROADS (OPENING AND CLOSING) ACT 1991:  
SECTION 24

NOTICE OF CONFIRMATION OF ROAD  
PROCESS ORDER

*Morphett Road, North Plympton  
Deposited Plan 47955*

BY Road Process Order made on 5 March 1997, the Development Assessment Commission ordered that:

1. Portion of the public road (Morphett Road) situated adjoining the western boundary of allotment 31 in Filed Plan 9020, more particularly delineated as 'A' in the Preliminary Plan No. PP32/0144 be closed.

2. Issue a Certificate of Title to the CITY OF WEST TORRENS THEBARTON for the whole of the land subject to closure which land is being retained by Council for Public Purposes.

3. The following easements be granted over the land subject to that closure:

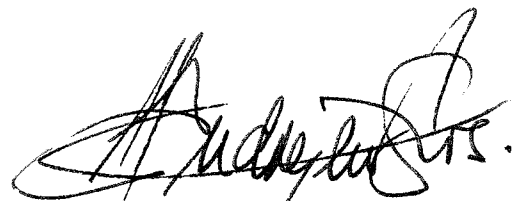
Grant to the ETSA Corporation an easement for underground electricity supply purposes over portion of the land.

Grant to the South Australian Water Corporation easements for sewerage and water supply purposes over the whole of the land.

**MEMORANDUM****PETROLEUM PRODUCTION LICENCE NO 86**

1. This licence granted on *18 / 9 / 1997* 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:

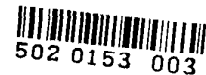
|  | %     |
|--|-------|
| • Santos Ltd                           | 40.70 |
| • Delhi Petroleum Pty Ltd              | 20.21 |
| • Boral Energy Resources Ltd           | 13.19 |
| • Vamgas Pty Ltd                       | 8.51  |
| • Gulf (Aust) Resources NL             | 4.75  |
| • Bridge Oil Developments 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  |



A J Andrejewskis

**CHIEF EXECUTIVE OFFICER**

Delegate of the Minister For Mines



**SOUTH AUSTRALIA  
PETROLEUM ACT 1940**

COMMISSIONER OF STATE TAXATION

and

S.A. STAMP DUTY  
DOCUMENT 1 of 13  
23/09/97 09:22:08 00380200.1  
NOT / NOT CHARGEABLE

**COOPER BASIN (RATIFICATION) ACT 1975**

**PETROLEUM PRODUCTION LICENCE NO. 86**

I, **ANDREW JOSEPH ANDREJEWSKIS**, Chief Executive Officer, Department of Mines and Energy Resources (CEO) in the State of South Australia pursuant to the provisions of the Petroleum Act, 1940 and the Cooper Basin (Ratification) Act 1975 and all other enabling powers, for and on behalf of Stephen John Baker, Minister for Mines ('**Minister**'), pursuant to delegation dated 14 June 1995, (refer Government Gazette dated 15 June 1995 page 2845), **HEREBY GRANT JOINTLY** to:

- **SANTOS LIMITED**, ACN 007 550 923 of Level 29, 91 King William Street, Adelaide, South Australia,
- **DELHI PETROLEUM PTY LTD**, ACN 007 854 686 of C/- Esso Australia Ltd, 12 Riverside Quay, Southbank, Victoria,
- **BORAL ENERGY RESOURCES LIMITED**, ACN 007 854 338 of 60 Hindmarsh Square, Adelaide, South Australia,
- **VAMGAS PTY LTD**, ACN 006 245 110 of Level 29, 91 King William Street, Adelaide, South Australia,
- **CRUSADER RESOURCES NL**, ACN 004 761 255 of 27<sup>8</sup>th Floor, 12 Creek Street, Brisbane, Queensland,
- **ALLIANCE PETROLEUM AUSTRALIA PTY LTD**, ACN 004 559 951 of Level 29, 91 King William Street, Adelaide, SA,
- **REEF OIL PTY LTD**, ACN 000 646 800 of Level 29, 91 King William Street, Adelaide, SA,
- **SANTOS PETROLEUM PTY LTD**, ACN 000 146 369 of Level 29, 91 King William Street, Adelaide, SA,
- **BRIDGE OIL DEVELOPMENTS PTY LTD**, ACN 001 152 049 of Level 29, 91 King William Street, Adelaide, SA,
- **SANTOS (BOL) PTY LTD**, ACN 000 670 575 of Level 29, 91 King William Street, Adelaide, SA,
- **BASIN OIL NL**, ACN 000 628 017 of Level 4, 828 Pacific Highway, Gordon, NSW.

a Petroleum Production Licence in respect of the area described hereunder:-



## DESCRIPTION OF AREA

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

Commencing at a point being the intersection of latitude 28°26'55"S and longitude 140°21'10"E, thence east to longitude 140°22'00"E, south to latitude 28°27'05"S, east to longitude 140°22'15"E, south to latitude 28°27'30"S, west to longitude 140°22'00"E, south to latitude 28°27'35"S, west to longitude 140°21'55"E, south to latitude 28°27'40"S, west to longitude 140°21'45"E, south to latitude 28°27'50"S, west to longitude 140°21'15"E, north to latitude 28°27'30"S, west to longitude 140°21'10"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 October 6, 1966.

AREA: 2.34 square kilometres approximately.

## TERMS AND CONDITIONS

1. The term of this licence is twenty-one (21) years commencing on and inclusive of the First day of January 1997 with the right, subject to carrying out adequately the obligations of the licence, to renewal from time to time on the same terms and conditions for further terms of twenty-one (21) years.
2. The licensees hereby covenant with the Minister that they will make payment of the yearly rent provided under the Petroleum Act 1940 and of the royalty referred to in the Cooper Basin (Ratification) Act 1975 and will subject to the provisions of the Cooper Basin (Ratification) Act 1975 comply with the provisions of the Petroleum Act 1940 and with all Regulations for the time being in force under that Act and with any directions given by the Minister the Chief Executive Officer for Mines and Energy Resources or any other person pursuant to that Act or the said Regulations.
3. It is hereby acknowledged and agreed that the licensees own and hold the following undivided interests respectively in and under this licence:-

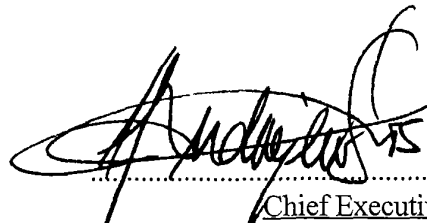
|                     |                                 |          |
|---------------------|---------------------------------|----------|
| Santos              | Forty point seven zero percent  | (40.70%) |
| Delhi               | Twenty point two one percent    | (20.21%) |
| Boral Energy        | Thirteen point one nine percent | (13.19%) |
| Vamgas              | Eight point five one percent    | (8.51%)  |
| <del>Crusader</del> | Four point seven five percent   | (4.75%)  |
| Bridge Oil          | Three point nine nine percent   | (3.99%)  |
| Alliance            | Three point nine seven percent  | (3.97%)  |
| Basin               | Two point one zero percent      | (2.10%)  |
| Reef                | One point nine seven percent    | (1.97%)  |
| Santos Petroleum    | Zero point four zero percent    | (0.40%)  |
| Santos (BOL)        | Zero point two one percent      | (0.21%)  |

*JA Gulf*

**PROVIDED THAT** nothing in this Clause contained shall in any way affect or derogate from the rights, duties and liabilities of the licensees (as determined pursuant to the Indenture as defined in the Cooper Basin (Ratification) Act 1975 and the Petroleum Act 1940) to the Minister under this licence **AND PROVIDED FURTHER 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 28th day of June 1973 to which the licensees are parties and as the same has been amended and as may hereafter be amended from time to time.

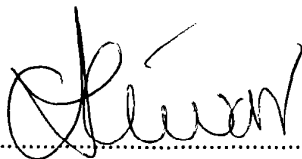
Signed by the Chief Executive Officer,  
Department of Mines and Energy Resources at Adelaide

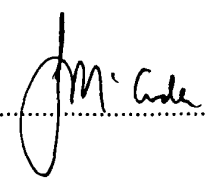
this ..... 18<sup>th</sup> ..... day of September ..... 1997 .

  
.....  
Chief Executive Officer  
Department of Mines and Energy Resources  
Delegate of the Minister for Mines

**SIGNED, SEALED AND DELIVERED** )  
by the said **LICENSEES** at Adelaide )  
this ..... 5 ..... day of September ..... 1997 . )

Executed on behalf of **SANTOS LIMITED, ALLIANCE** )  
**PETROLEUM AUSTRALIA PTY LTD, REEF OIL** )  
**PTY LTD, SANTOS (BOL) PTY LTD, BRIDGE OIL** )  
**DEVELOPMENTS 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 affecting such appointment, in the )  
presence of: )

  
.....  
(Witness)

  
.....

**SIGNED, SEALED AND DELIVERED** )  
for and on behalf of **DELHI PETROLEUM** )  
**PTY LTD** by **IAN WILLIAM ANGUS** )  
its duly authorised Attorney under Power of )  
Attorney dated the 12TH day of FEBRUARY )  
199 3, 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: )

G. Dennis  
.....  
(Witness)

Angus  
.....  
Delhi Petroleum Pty Ltd  
by its Attorney  
IAN WILLIAM ANGUS

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

[Signature]  
.....  
(Director)



[Signature]  
.....  
(Secretary)

**THE COMMON SEAL OF GULF (AUST)** )  
**CRUSADER** )  
**RESOURCES NO LIABILITY** was hereunto )  
affixed in the presence of: )

[Signature]  
.....  
(Director)



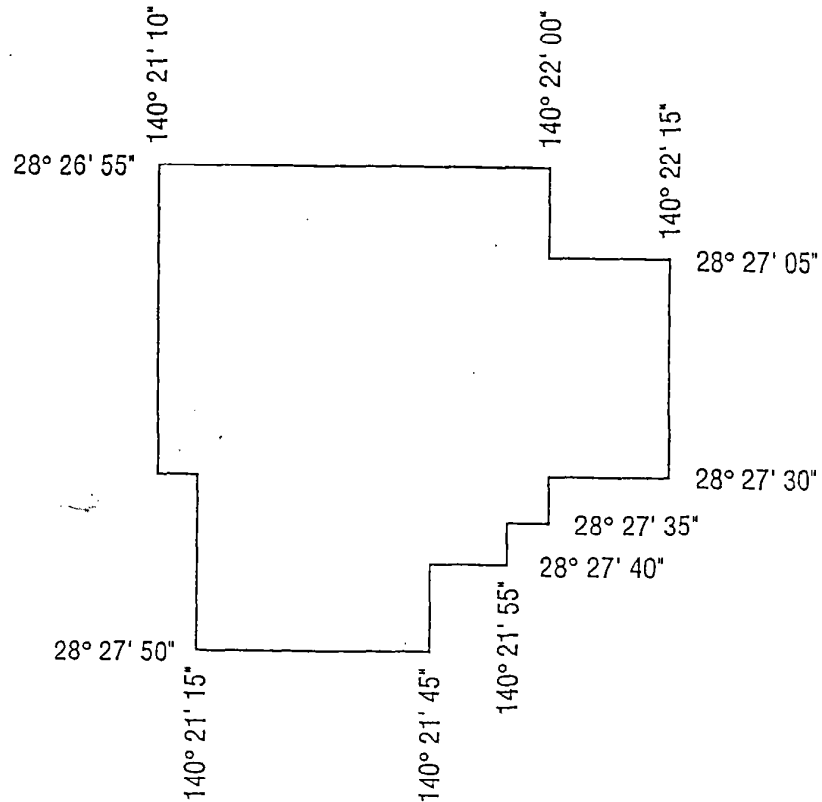
[Signature]  
.....  
(Secretary)  
Director

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

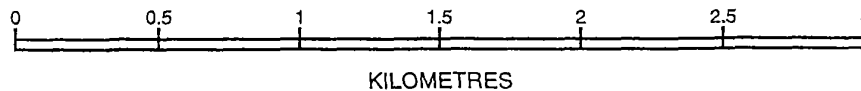
[Signature]  
.....  
(Director)



[Signature]  
.....  
(Secretary)



SCALE 1 : 25 000



All the within latitudes and longitudes are geodetic and expressed in terms of the Australian Geodetic Datum as defined on page 4984 of Commonwealth Gazette number 84 dated 6 October 1966, except those latitudes and longitudes underlined which are expressed in terms of Clarke 1858 Spheroid (Transverse Mercator Projection)

**SANTOS LTD. DELHI PETROLEUM PTY. LTD. BORAL ENERGY RESOURCES LTD.  
 VAMGAS PTY. LTD. CRUSADER RESOURCES N.L. BASIN OIL N.L. REEF OIL PTY. LTD.  
 ALLIANCE PETROLEUM AUSTRALIA PTY. LTD. BRIDGE OIL DEVELOPMENTS PTY. LTD.  
 SANTOS PETROLEUM PTY. LTD. SANTOS (BOL) PTY. LTD.**

**CARMINA FIELD**

**PETROLEUM PRODUCTION LICENCE NO. 86**



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