



12. 15 April 1994 Memorandum entering the following documents on the public register:
- Deed of Consent and Assumption dated 9 March 1994 between the Unit Agreement parties and Australian Hydrocarbons Ltd, Claremont Petroleum NL, Oil Company of Australia Ltd, The Australian Gas Light Company, Pipelines Authority of South Australia and Executor Trustee Australia Ltd;
  - JOA Cross Charge 50/40/10 JOA dated 9 March 1994 between Crusader Resources NL, Santos Ltd, Delhi Petroleum Pty Ltd, Sagasco Resources Ltd and Vamgas Ltd;
  - JOA Cross Charge Merrimelia-Innamincka JOA dated 9 March 1994 between Crusader Resources NL, Santos Ltd, Alliance Petroleum Australia NL, Delhi Petroleum Pty Ltd, Sagasco Resources Ltd and Vamgas Ltd;
  - Covenant and Acknowledgment from Santos Ltd and Crusader Resources NL to Basin Oil NL dated 8 March 1994.
13. 22 June 1994 Memorandum entering the following document on the public register:
- Deed of Variation of Charge dated 17 May 1994 entered into by Crusader Resources NL and Westpac Banking Corporation.
14. 24 July 1995 Certificate of Registration on Conversion to a Proprietary Company dated 19 January 1995. Vamgas Ltd is now Vamgas Pty Ltd.
15. 24 July 1995 Memorandum entering change of company name on public register
16. 5 September 1995 Certificate of Registration on Change of Name dated 1 September 1995: SAGASCO Resources Ltd has changed its name to Boral Energy Resources Ltd.
17. 5 September 1995 Memorandum entering change of company name on the Public Register
18. 17 February 1997 Memorandum entering the following documents on the public register:
- Deed of Assignment and Transfer dated 20 December 1996 between Santos Ltd (Santos), Delhi Petroleum Pty Ltd (Delhi), Santos Petroleum Pty Ltd (Santos Petroleum), Boral Energy Resources Ltd (Boral), Vamgas Pty Ltd (Vamgas), Bridge Oil Developments Pty Ltd (BOD), Santos (BOL) Pty Ltd (BOL), Reef Oil Pty Ltd (Reef), Alliance Petroleum

Australia Pty Ltd (Alliance), Basin Oil NL (Basin) and Crusader Resources NL (Crusader).

- New JOA Cross Charge dated 20 December 1996 between Santos, Delhi, Santos Petroleum, Boral, Vamgas, Crusader, BOD, BOL, Reef, Alliance and Basin.
- Deed of Amendment Unit Cross Charge dated 20 December 1996 between Santos, Delhi, Santos Petroleum, Boral, Vamgas, Crusader, BOD, BOL, Reef, Alliance and Basin.
- Deed of Amendment Downstream Cross Charge dated 20 December 1996 between Santos, Delhi, Santos Petroleum, Boral, Vamgas, Crusader, BOD, BOL, Reef, Alliance and Basin.

19. 30 June 1997 Certificate of Registration on Change of Name dated 12 June 1997: Crusader Resources NL is now known as Gulf (Aust) Resources NL.
20. 30 June 1997 Memorandum entering change of company name on the Public Register.
21. 10 December 1999 Certificate of Registration on Change of Name dated 6 October 1999: Gulf (Aust) Resources NL is now known as Novus Australia Resources NL.
22. 10 December 1999 Memorandum entering change of company name on the Public Register.
23. 13 March 2000 Certificate of Registration on Change of Name dated 24 February 2000: Boral Energy Resources is now known as Origin Energy Resources Ltd.
24. 13 March 2000 Memorandum entering change of company name on the Public Register.
25. 15 October 2002 Certificate of Registration on Change of Type and Conversion to a Proprietary Company dated 8 June 2000: Basin Oil NL is now known as Basin Oil Pty Ltd.
26. 15 October 2002 Memorandum entering change of company name on the Public Register.
27. 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.
28. 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

29. 23 November 2005 Notation of discharge of security and receipt of replacement security is entered on the public register.
30. 13 January 2006 Certificate of Registration on Change of Name dated 29 June 2005 - Novus Australia Resources NL is now Santos (NARNL Cooper) NL.
31. 13 January 2006 Memorandum entering change of company name on the Public Register.
32. 9 May 2006 Certificate of Registration on Change of Name dated 1 December 2005 - Santos (NARNL Cooper) NL is now Santos (NARNL Cooper) Pty Ltd.
33. 9 May 2006 Memorandum entering change of company name on the Public Register.
34. 10 September 2009 Renewal of Licence, with effect from 1 January 2007
35. 10 September 2009 Memorandum entering renewal on public register.
36. 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
37. 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
38. 9 August 2017 Certificate of Registration on Change of Company Name dated 29 June 2017.
- From: Origin Energy Resources Limited  
To: Lattice Energy Limited
39. 9 August 2017 Memorandum entering notation of change of company name on the public register.

40. 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
41. 22 January 2020 Certificate of Registration on Change of Name dated 2 December 2019.
- From: Lattice Energy Limited  
To: Beach Energy (Operations) Limited
42. 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:

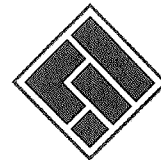
From: Origin Energy Resources Limited  
To: Lattice Energy Limited

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

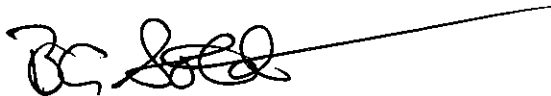
**Petroleum and Geothermal Energy Act 2000  
S.115**

**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**

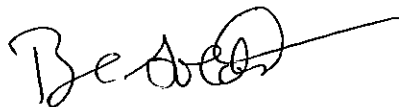
**PPLs 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 83, 84, 86, 87, 88, 89, 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**

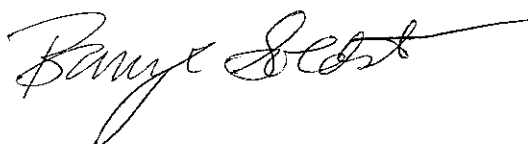
Date: 15 February 2011

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

**MEMORANDUM**

**RENEWAL OF  
PETROLEUM PRODUCTION LICENCES**  
**PPL 6, PPL 7, PPL 8, PPL 9, PPL 10, PPL 11, PPL 12,**  
**PPL 13, PPL 14, PPL 15, PPL 16, PPL 17, PPL 18, PPL 19,**  
**PPL 20, PPL 22, PPL 23, PPL 24, PPL 25, PPL 26, PPL 27,**  
**PPL 28, PPL 29, PPL 30, PPL 31, PPL 32, PPL 33, PPL 34,**  
**PPL 35, PPL 36, PPL 37, PPL 38, PPL 39, PPL 40, PPL 42,**  
**PPL 43, PPL 44**

1. Renewal of the above licences is hereby entered on the public registers.



**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: 10 September 2009

File: 28/1/45; 28/1/78; 28/1/91; 28/1/92; 28/1/93;  
28/1/95; 28/1/97; 28/1/98; 28/1/99; 28/1/101;  
28/1/103; 28/1/104; 28/1/106; 28/1/107;  
28/1/108; 28/1/109; 28/1/111; 28/1/116;  
28/1/130; 28/1/128; 28/1/129

# **Petroleum Act 2000 Cooper Basin (Ratification) Act 1975**

## **Renewal of PETROLEUM PRODUCTION LICENCE No. 36**

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 *Cooper Basin (Ratification) Act 1975* and all other enabling powers for and on behalf of Paul Holloway, Minister for Mineral Resources Development (Minister), pursuant to delegated powers, hereby renew Petroleum Production Licence PPL 36, held by:

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

(herein after referred to as the 'Licensee'), and granted pursuant to the *Petroleum Act 1940* in relation to all regulated resources except a source of geothermal energy in respect of the area described below, and subject to the conditions set out below and the provisions of the *Cooper Basin (Ratification) Act 1975* and the *Petroleum Act 2000*, to have effect from 1 January 2007.

### **DESCRIPTION OF AREA**

The land comprised in this Licence is that part of the State of South Australia described in Schedule 1 attached hereto.

### **TERMS AND CONDITIONS**

1. Scope of Rights

For the avoidance of doubt:

- (a) in addition to all operations authorised by a Production Licence granted under the *Petroleum Act 2000* in relation to all regulated resources except a source of geothermal energy, the Licensee is authorised under this Licence to conduct all operations authorised by Petroleum Production Licence No. 36, pursuant to section 33 of the *Petroleum Act 1940* immediately prior to commencement of the *Petroleum Act 2000*; and
- (b) nothing in this Licence affects the rights of the Licensee pursuant to the *Cooper Basin (Ratification) Act 1975*

## 2. Security

- 2.1 For the purpose of ensuring the due and proper performance of the Licensee's obligations under this Licence and the *Petroleum Act 2000*, the Licensee shall provide security in the amount of \$50,000 in the form of either:
- (a) cash; or
  - (b) an unconditional, irrevocable bank guarantee or letter of credit in a form, and from a financial institution, approved by the Minister, ("the Security").
- 2.2 The Security shall be reviewed periodically, and during the term of the Licence if in the opinion of the Minister it is reasonable to increase the Security amount, provide additional security or substitute another security for the existing Security, the Licensee must comply with the Minister's request within 28 days after being requested in writing by the Minister to do so.
- 2.3 Interest will not be payable by the Minister to the Licensee on any cash Security.
- 2.4 All charges incurred by the Licensee in obtaining and maintaining the Security shall be met by the Licensee.
- 2.5 If this Licence is surrendered or cancelled and the Minister is satisfied that there are no further obligations under this Licence or the *Petroleum Act 2000*, the Minister will return the Security to the Licensee.

## 3. Insurance

- 3.1 The Licensee must:
- (a) upon commencement of regulated activities under this Licence, maintain in force during the term of this Licence public liability insurance to cover regulated activities under this Licence (including sudden and accidental pollution) in the name of the Licensee for a sum not less than twenty million dollars (\$20,000,000.00) or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may from time to time reasonably require;
  - (b) maintain in force during the drilling of any well or operation in any well, control of well insurance in the name of the Licensee for a sum not less than ten million dollars (\$10,000,000.00) or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may from time to time reasonably require;
  - (c) upon request by the Minister, provide the Minister with a cover note or certificate of currency of each insurance policy referred to in paragraphs (a) and (b).
- 3.2 The Minister in specifying the levels of insurance accepts no liability for the completeness of their listing, the adequacy of the sum insured, the limit of liability, the scoped coverage, the conditions or exclusions of these insurances in respect to how they may or may not respond to any loss, damage or liability.

4. Transfer of Liability

Subject to the *Cooper Basin (Ratification) Act 1975*, a contract or agreement entered into by the Licensee to transfer or accept liability for any well or facility constructed for the purpose of undertaking a regulated activity under the *Petroleum Act 1940* or *2000* cannot transfer, limit or exclude liability under the *Petroleum Act 1940* or *2000* unless written consent of the Minister is obtained.

5. Sub-Licences

The Minister hereby gives and records his consent to renewal by the Licensee of the Sub-Licences created in respect of the area described in Schedule 1, in the form of or to the effect set out in Schedule 2.

Date: 10 September 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**

Executed for and on behalf of each of:

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

by its duly appointed attorney:

  
.....  
Attorney Signature

**ALICIA GENET**  
**Corporate Lawyer**  
.....  
Attorney Name

27 August 2009  
.....  
Date


Executed by **Delhi Petroleum Pty Ltd** in accordance with section 127(1) of the Corporations Act by authority of its Directors:

Hector Gordon  
.....  
Executive Director  
Name (print)

  
.....  
Director Signature

3/9/09  
.....  
Date

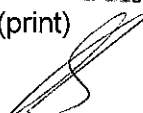
Cathy Oster  
Company Secretary

.....  


3/9/09  
.....

Executed for and on behalf of **Origin Energy Resources Ltd** ~~in accordance with section 127(1) of the Corporations Act by authority of its Directors:~~ *by its duly appointed attorney.*

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

  
.....  
Director Signature

1-09-09  
.....  
Date

Attorney

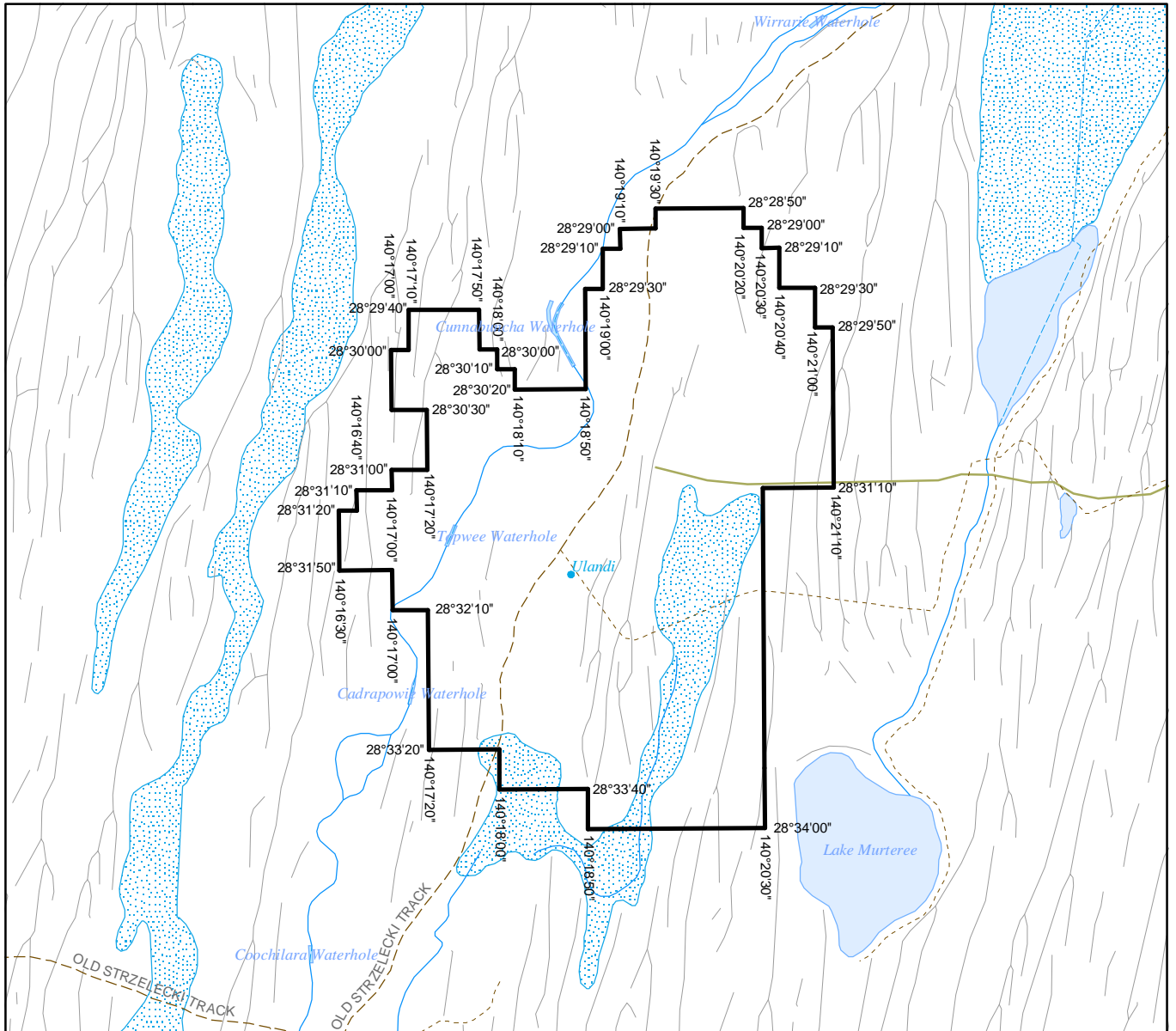
Attorney

**SCHEDULE 1**  
**PETROLEUM PRODUCTION LICENCE**  
**PPL 36**  
**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°28'50"S AGD66 and longitude 140°19'30"E AGD66, thence east to longitude 140°20'20"E AGD66, south to latitude 28°29'00"S AGD66, east to longitude 140°20'30"E AGD66, south to latitude 28°29'10"S AGD66, east to longitude 140°20'40"E AGD66, south to latitude 28°29'30"S AGD66, east to longitude 140°21'00"E AGD66, south to latitude 28°29'50"S AGD66, east to longitude 140°21'10"E AGD66, south to latitude 28°31'10"S AGD66, west to longitude 140°20'30"E AGD66, south to latitude 28°34'00"S AGD66, west to longitude 140°18'50"E AGD66, north to latitude 28°33'40"S AGD66, west to longitude 140°18'00"E AGD66, north to latitude 28°33'20"S AGD66, west to longitude 140°17'20"E AGD66, north to latitude 28°32'10"S AGD66, west to longitude 140°17'00"E AGD66, north to latitude 28°31'50"S AGD66, west to longitude 140°16'30"E AGD66, north to latitude 28°31'20"S AGD66, east to longitude 140°16'40"E AGD66, north to latitude 28°31'10"S AGD66, east to longitude 140°17'00"E AGD66, north to latitude 28°31'00"S AGD66, east to longitude 140°17'20"E AGD66, north to latitude 28°30'30"S AGD66, west to longitude 140°17'00"E AGD66, north to latitude 28°30'00"S AGD66, east to longitude 140°17'10"E AGD66, north to latitude 28°29'40"S AGD66, east to longitude 140°17'50"E AGD66, south to latitude 28°30'00"S AGD66, east to longitude 140°18'00"E AGD66, south to latitude 28°30'10"S AGD66, east to longitude 140°18'10"E AGD66, south to latitude 28°30'20"S AGD66, east to longitude 140°18'50"E AGD66, north to latitude 28°29'30"S AGD66, east to longitude 140°19'00"E AGD66, north to latitude 28°29'10"S AGD66, east to longitude 140°19'10"E AGD66, north to latitude 28°29'00"S AGD66, east to longitude 140°19'30"E AGD66, and north to point of commencement.

AREA: **46.9** square kilometres approximately.



SCALE 1:100 000



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 Australian Geodetic Datum (AGD66) and the schedule.

THE PLAN HEREINBEFORE REFERRED TO

**ULANDI - ALWYN - JENA FIELD**

**PETROLEUM PRODUCTION LICENCE NO: 36**



Government of South Australia

Primary Industries and Resources SA

SR 28/1/107

AREA: 46.9 sq km (approx)

## SCHEDULE 2

### PETROLEUM PRODUCTION LICENCE PPL 36

#### DEED OF SUB-LICENCE

**THIS DEED** is made as of 1 January 2007.

**BETWEEN:**

**SANTOS LIMITED** (ABN 80 007 550 923) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**VAMGAS PTY LTD** (ABN 76 006 245 110) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**ALLIANCE PETROLEUM AUSTRALIA PTY LTD** (ABN 60 004 559 951) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**REEF OIL PTY LTD** (ABN 70 000 646 800) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**BRIDGE OIL DEVELOPMENTS PTY LIMITED** (ABN 30 001 152 049) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**SANTOS PETROLEUM PTY LTD** (ABN 95 000 146 369) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**SANTOS (BOL) PTY LTD** (ABN 35 000 670 575) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**BASIN OIL PTY LTD** (ABN 36 000 628 017) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**SANTOS (NARNL COOPER) PTY LTD** (ABN 75 004 761 255) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**DELHI PETROLEUM PTY LTD** (ABN 65 007 854 686) with its registered office at 25 Conyngham Street, Glenside in the State of South Australia; and

**ORIGIN ENERGY RESOURCES LTD** (ABN 66 007 845 338) with its registered office at Level 45, Australia Square, 264-278 George Street, Sydney, New South Wales,

in their capacity as participants in the  
and as holders of PPL 36 (collectively "the Licensors")

Joint Venture

OF THE ONE PART

**AND**

**SANTOS LIMITED** (ABN 80 007 550 923) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**VAMGAS PTY LTD** (ABN 76 006 245 110) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**ALLIANCE PETROLEUM AUSTRALIA PTY LTD** (ABN 60 004 559 951) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**REEF OIL PTY LTD** (ABN 70 000 646 800) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**BRIDGE OIL DEVELOPMENTS PTY LIMITED** (ABN 30 001 152 049) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**SANTOS PETROLEUM PTY LTD** (ABN 95 000 146 369) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**SANTOS (BOL) PTY LTD** (ABN 35 000 670 575) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**BASIN OIL PTY LTD** (ABN 36 000 628 017) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**SANTOS (NARNL COOPER) PTY LTD** (ABN 75 004 761 255) with its registered office at Ground Floor, Santos Centre, 60 Flinders Street, Adelaide in the State of South Australia;

**DELHI PETROLEUM PTY LTD** (ABN 65 007 854 686) with its registered office at 25 Conyngham Street, Glenside in the State of South Australia;

**ORIGIN ENERGY RESOURCES LTD** (ABN 66 007 845 338) with its registered office at Level 45, Australia Square, 264-278 George Street, Sydney, New South Wales

in their capacity as several participants in the joint venture constituted by the SACB Unit Agreement dated 1 January 1975 (as amended) (collectively "the Licensees")

OF THE OTHER PART

**WHEREAS**

- A. The Licensors are joint holders of Petroleum Production Licence No. 36 ("the Petroleum Production Licence") granted by the Minister for Mineral Resources Development for the State of South Australia by way of renewal of the Petroleum Production Licence granted pursuant to the *Petroleum Act 1940*; and pursuant to the powers in the *Petroleum Act 2000* and the *Cooper Basin (Ratification) Act 1975*, over certain land in the State of South Australia as more particularly described in Schedule 1 of the Petroleum Production Licence
- B. The Licensees are parties to an agreement made as of the 1<sup>st</sup> day of January 1975 known as the South Australian Cooper Basin Unit Agreement (hereinafter and as the same may be amended from time to time referred to as "the Unit Agreement") relating inter alia to the development and production of petroleum from that sub-surface portion of the area comprised in the Petroleum Production Licence as the same is more particularly described in the Schedule hereto.
- C. The Licensors have previously granted a sub-licence to the Licensees and in accordance with that sub-licence on renewal of the Petroleum Production Licence are required to grant a renewal of the sub-licence to the Licensees

- D. The Licensors, with the consent of the Minister for Mineral Resources Development of the State of South Australia, have agreed to grant, and the Licensees have agreed to accept, renewal of a sub-licence to exercise the rights specified in Clause 1 of this Deed upon the conditions specified in Clauses 2, 3, 4 and 5 of this Deed.

**NOW THIS DEED WITNESSES as follows:**

1. The Licensors, with the consent of the Minister for Mineral Resources Development of the State of South Australia hereby grant to each of the Licensees severally the exclusive right commencing and inclusive from 1 January 2007 for the duration of the Petroleum Production Licence, subject to the provisions of this Deed of Sub-licence to:-
  - (a) conduct in such portion of the area comprised in the Petroleum Production Licence as is more particularly described in the Schedule hereto (herein after referred to as "the Unitized Zone") all such operations as the Licensors are entitled to conduct thereon from time to time pursuant to the Petroleum Production Licence and subject to Clause 2 hereof to own all petroleum extracted or released therefrom; and
  - (b) construct and maintain upon the land comprised in the Petroleum Production Licence all such facilities as the Licensors are entitled to construct and maintain thereon pursuant to the Petroleum Production Licence or the *Cooper Basin (Ratification) Act 1975* of the State of South Australia (or both) and as are necessary from time to time for the full enjoyment of the rights granted pursuant to Clause 1(a) hereof.
2. Each of the Licensees hereby expressly acknowledges, covenants and agrees with the Licensors and with each of the other Licensees that in the exercise of exclusive rights granted pursuant to Clause 1 hereof each Licensee shall at all times act subject to and in accordance with the provisions of the Unit Agreement (and in particular to the provisions of Clause 13.01 thereof which refers to an overriding royalty in favour of Santos) and that all such rights shall entitle each Licensee to extract or release from the Unitized Zone so much of the petroleum within the Unitized Zone as such Licensee is entitled to from time to time in accordance with the provisions of the Unit Agreement and the Fixed Factor Settlement Agreement made between the Licensees on 5 December 1996.
3. The Licensees hereby jointly and severally covenant with the Licensors that they will make payment in accordance with the Unit Agreement of the royalty referred to in the *Cooper Basin (Ratification) Act 1975* in respect of the production referred to in Clause 2 hereof and will subject as aforesaid comply with the provisions of the *Petroleum Act 2000* and the *Cooper Basin (Ratification) Act 1975* and amendments thereto and with all Regulations for the time being in force under those Acts and with any directions given by the Minister, the Director Petroleum and Geothermal or any other person pursuant to those Acts or Regulations and the Licensees hereby further jointly and severally covenant with the Licensors not to do any act or thing or make any omission which would cause the Licensors to be in breach or default of the provisions of the Petroleum Production Licence or of the provisions of the *Petroleum Act 2000* or the *Cooper Basin (Ratification) Act 1975* and amendments thereto, or of any Regulation for the time being in force under those Acts or with any direction given by the Minister, the Director Petroleum and Geothermal or any other person pursuant to those Acts or Regulations.

4. Subject to the due compliance by the Licensees with their obligations under this Deed of Sub-Licence the Licensors hereby covenant with the Licensees to perform the covenants and obligations on the part of the Licensors contained in the Petroleum Production Licence.
5. The rights of the Licensees or any of them granted pursuant to the foregoing provisions of this Deed of Sub-Licence shall not be sold, assigned, transferred, leased, sub-let, mortgaged, pledged, charged, encumbered or otherwise disposed of other than subject to and in accordance with the provisions of Article XV of the Unit Agreement and subject to the *Petroleum Act 2000* and Clause 14.2 of the Indenture annexed to the *Cooper Basin (Ratification) Act 1975*.

## THE SCHEDULE

### DEED OF SUB-LICENCE

(Description of Unitized Zones)

#### PPL 36

The stratigraphic unit named [#Block 1#] [#Field 1#], [#Formation 1#] in the First Schedule to the Unit Agreement together with all lateral extensions to such stratigraphic unit as may from time to time become subject to the Unit Agreement and which underlie the area described in the said Petroleum Production Licence.

[Repeat paragraph above as needed for [#Block 2#] [#Field 2#], [#Formation 2#]; [#Block 3#] [#Field 3#], [#Formation 3#] etc]

Such additional stratigraphic units as have become or may from time to time become subject to the Unit Agreement and which underlie the area described in the said Petroleum Production Licence together with all lateral extensions to those stratigraphic units.

IN WITNESS WHEREOF the Parties hereto sign, seal and deliver the foregoing presents and have hereunto set their respective hands and seals as of 1 January 2007.

Executed for and on behalf of each of:

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

by its duly appointed attorney in the presence of:

..... Name (print)	..... Witness Name (print)
..... Attorney Signature	..... Witness Signature
..... Date	

The common seal of **Delhi Petroleum Pty Ltd** is fixed to this document in accordance with its constitution in the presence of:

..... Name (print)	..... Name (print)
..... Director Signature	..... Director/Secretary Signature
..... Date	

The common seal of **Origin Energy Resources Ltd** is fixed to this document in accordance with its constitution in the presence of:

..... Name (print)	..... Name (print)
..... Director Signature	..... Director/Secretary Signature
..... Date	

**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

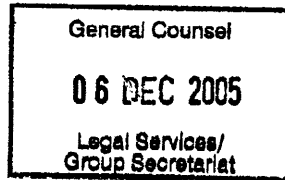
is hereby entered on the public register of licences.



**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;

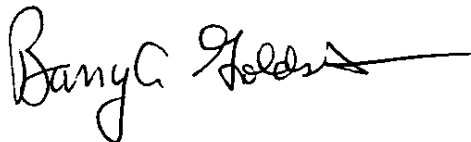
And

**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.

CERTIFICATE

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

Alan Cameron  
Chairman

# 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

**MEMORANDUM**

**PETROLEUM ACT 1940  
SECTION 44**

**PEL 5 & 6**

All Farmout Areas

PPLs 6 to 20, 22 to 61 and 63 to 84, PL 2

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

- Certificate of Registration on Change of Name dated 12 June 1997.

Crusader Resources NL is now known as Gulf (Aust) Resources NL.



**M COLELLA  
A/MANAGER, PETROLEUM ADMINISTRATION**

30 / 6 / 97



Form **245**

CORRS CHAMBERS WESTGARTH  
ATTN: TRACY THORNTON  
COMALCO PLACE  
12 CREEK ST  
BRISBANE QLD 4000

remove this top section if Journal before printing

# Certificate of Registration on Change of Name

Corporations Law Sub-section 171 (12)

This is to certify that

**CRUSADER RESOURCES N.L.**

Australian Company Number 004 761 255

did on the twelfth day of June 1997 change its name to

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

Australian Company Number 004 761 255

The company is a public company.

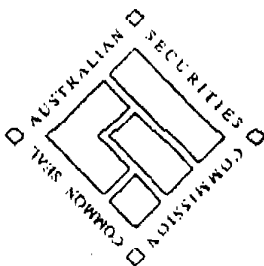
The company is a no liability company.

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



AUSTRALIAN  
SECURITIES  
COMMISSION

Given under the seal of the  
Australian Securities Commission  
on this twelfth day of June, 1997.



Alan Cameron  
Chairman

## MEMORANDUM

## PETROLEUM EXPLORATION LICENCE NO 5 &amp; 6



## FARMOUT AREAS AND PETROLEUM PRODUCTION LICENCES

This memorandum will confirm that on 17 February 1997 I approved the lodgement of the following documents onto the Petroleum Register which confirms the approved provisions as contained in the Minister for Mines' letter dated 20 December 1996.

- Deed of Assignment and Transfer dated 20 December 1996 between Santos Ltd (Santos), Delhi Petroleum Pty Ltd (Delhi), Santos Petroleum Pty Ltd (Santos Petroleum), Boral Energy Resources Ltd (Boral), Vamgas Pty Ltd (Vamgas), Bridge Oil Developments Pty Ltd (BOD), Santos (BOL) Pty Ltd (BOL), Reef Oil Pty Ltd (Reef), Alliance Petroleum Australia Pty Ltd (Alliance), Basin Oil NL (Basin) and Crusader Resources NL (Crusader).
- New JOA Cross Charge dated 20 December 1996 between Santos, Delhi, Santos Petroleum, Boral, Vamgas, Crusader, BOD, BOL, Reef, Alliance and Basin.
- Deed of Amendment Unit Cross Charge dated 20 December 1996 between Santos, Delhi, Santos Petroleum, Boral, Vamgas, Crusader, BOD, BOL, Reef, Alliance and Basin.
- Deed of Amendment Downstream Cross Charge dated 20 December 1996 between Santos, Delhi, Santos Petroleum, Boral, Vamgas, Crusader, BOD, BOL, Reef, Alliance and Basin.

Interests in the following areas and licences are now as follows and effective from 1 January 1992.

Farmout Areas	PPLs	Licensees	Interests %
• Patchawarra Central	6 to 20	Santos Vamgas	40.70 8.51
• Merrimelia - Innamincka	22 to 25	Alliance Reef	3.97 1.97
• Murta	27 to	Santos Petroleum	0.40
• Tinga-Tingana	61	BOD	3.99
• Patchawarra South West	63 to 75	BOL Boral	0.21 13.19
• Nappacoongee - Murteree	78 to 83	Delhi Basin	20.21 2.10
• Lake Hope		Crusader	<u>4.75</u>
• Moomba			100.00
• Toolachee			
• Haddon			
• Clifton			
• Koonoherra			

R A LAWS  
DIRECTOR, PETROLEUM DIVISION  
 Delegate of the Minister for Mines

**MEMORANDUM**

Petroleum Exploration Licences 32 and 40

Petroleum Exploration Licence 5 and 6.

Petroleum Production Licences Nos 6 to 20, 22 to 72

All PEL 5 and 6 Farmout Areas

Pipeline Licences 2 and 5

Receipt of a Certificate of Registration on Change of Name dated 1 September 1995 is hereby entered on the Petroleum Register.

SAGASCO Resources Ltd has changed its name to Boral Energy Resources Ltd.



J S Zabrowarny  
MANAGER PETROLEUM ADMINISTRATION

5 September 1995

502 0103 005

Form 245

W M FOWLER  
3RD FL  
60 HINDMARSH SQ  
ADELAIDE SA 5000

remove this top section if desired before framing

# Certificate of Registration on Change of Name

Corporations Law Sub-section 171 (12)

This is to certify that

**SAGASCO RESOURCES LIMITED**

Australian Company Number 007 845 338

did on the first day of September 1995 change its name to

**BORAL ENERGY RESOURCES LIMITED**

Australian Company Number 007 845 338

The company is a public company.

The company is limited by shares.

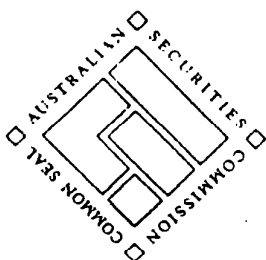
The company is taken to be registered as a company  
under the Corporations Law of South Australia.



AUSTRALIAN  
SECURITIES  
COMMISSION

REGISTERED  
OVERSEAS

Given under the seal of the  
Australian Securities Commission  
on this first day of September, 1995.



Alan Cameron  
Chairman

**MEMORANDUM**

**PETROLEUM EXPLORATION LICENCES 5 AND 6**

All Farmout Areas

Petroleum Production Licences 6 to 20, 22 to 61, 63 to 72

Receipt of a Certificate of Registration on Conversion to a Proprietary Company  
is hereby entered on the Petroleum Register.

Vamgas Ltd is now Vamgas Pty Ltd.

  
J.S. Zabrowarny  
MANAGER PETROLEUM ADMINISTRATION

24.1.7/95

502 0103 007

Form **251**

SANTOS LIMITED  
ATTN: GRAHAM BOLLENHAGEN  
GPO BOX 2319  
ADELAIDE SA 5001

remove this top section if desired before framing

## Certificate of Registration on Conversion to a Proprietary Company

Corporations Law Sub-section 168 (3)

This is to certify that

**VAMGAS LTD.**

**Australian Company Number 006 245 110**

on the nineteenth day of January 1995 converted to a **proprietary** company.

The name of the company is now

**VAMGAS PTY LTD**

**Australian Company Number 006 245 110**

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



AUSTRALIAN  
SECURITIES  
COMMISSION

Given under the seal of the  
Australian Securities Commission  
on this nineteenth day of January, 1995.



*Alan Cameron*

Alan Cameron  
Chairman

**COPY**



SR 27/2/4 Vol 25

MEMORANDUM

Petroleum Exploration Licence's 5 and 6

Petroleum Production Licence's 6 to 20, 22 to 61, 63 to 72

Pipeline Licence No. 2

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Crusader Resources NL  
Westpac Banking Corporation

Receipt of the following document is hereby entered on the Petroleum Register pursuant to delegated powers dated 3 December 1993, Gazetted 9 December 1993 page 2916:

-Deed of Variation of Charge dated 17 May 1994 entered onto by Crusader Resources NL and Westpac Banking Corporation.

This Memorandum is an adjunct to Memorandum dated 10 May 1991 in respect of Fixed and Floating Charge dated 25 August 1989 and Deed of Variation of Charge dated 5 November 1990.

R A LAWS  
DIRECTOR, OIL, GAS & COAL DIVISION  
DELEGATE OF THE MINISTER FOR MINES & ENERGY

*n 16 AX*

## MEMORANDUM

### PELs 5 and 6

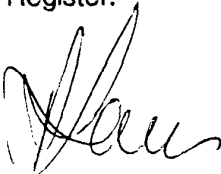
#### Farmout Areas and Petroleum Production Licences 6 to 20, 22 to 61 and 63 to 72.

This Memorandum will confirm that on 15th April 1994 I acknowledged receipt of the following documentation pursuant to delegated powers dated 3 December 1993, Gazetted 9 December 1993, page 2916:

- (1) Deed of Consent and Assumption dated 9 March 1994 between Santos Ltd, Crusader Resources NL, Alliance Petroleum Australia NL, Basin Oil NL, Bridge Oil Developments Pty Ltd, Bridge Oil Ltd, Delhi Petroleum Pty Ltd, Reef Oil NL, Sagasco Resources Ltd, Santos Petroleum Pty Ltd, Vamgas Ltd, Australian Hydrocarbons Ltd, Claremont Petroleum NL, Oil Company of Australia Ltd, The Australian Gas Light Company, Pipelines Authority of South Australia and Executor Trustee Australia Ltd.
- (2) JOA Cross Charge 50/40/10 JOA dated 9 March 1994 between Crusader Resources NL, Santos Ltd, Delhi Petroleum Pty Ltd, Sagasco Resources Ltd and Vamgas Ltd.
- (3) JOA Cross Charge Merrimelia-Innamincka JOA dated 9 March 1994 between Crusader Resources NL, Santos Ltd, Alliance Petroleum Australia NL, Delhi Petroleum Pty Ltd, Sagasco Resources Ltd and Vamgas Ltd.
- (4) Covenant and Acknowledgment from Santos Ltd and Crusader Resources NL to Basin Oil NL dated 8 March 1994.

The above documents are as an adjunct to the transfer as contained in the Deed of Assignment and Transfer dated 20 December 1993 between Santos Ltd and Crusader Resources NL which was approved on 17 March 1994 and do not require further approval pursuant to the Petroleum Act, 1940.

A copy of each of the abovementioned documents has been retained on the Petroleum Register.



**R A LAWS**  
**DIRECTOR, OIL GAS AND COAL**  
**Delegate of the Minister for Mines and Energy**

## MEMORANDUM

## Petroleum Exploration Licences 5 and 6

## Farmout Areas and Petroleum production Licences

This memorandum will confirm that on 17<sup>th</sup> March 1994 I consented to the transfer as contained in the following documentation in relation to the following areas pursuant to delegated powers dated 3 December 1993, Gazetted 9 December 1993, page 2916.

- Deed of Assignment and Transfer dated 20 December 1993 between Santos Ltd and Crusader Resources N L.

The Assignment and Transfer can take effect as from 1 January 1992 as provided by the abovementioned document.

Interests in the following areas and licences are now as follows.

<u>Farmout Area</u>	<u>PPL</u>	<u>LICENCEES</u>	<u>FORMER INTERESTS</u> %	<u>REVISED INTERESTS</u> %
Moomba	6-7-8-9	Santos Ltd (Santos)	50.0	45.25
	10-11-51	Delhi Petroleum Pty Ltd(Delhi)	30.0	30.0
		Vamgas Ltd (Vamgas)	10.0	10.0
		Sagasco Resources Ltd (SAGASCO)	10.0	10.0
		Crusader Resources NL (Crusader)	-	4.75
Toolachee	12-13-14	Santos	50.0	45.25
	23-24-25	Delhi	30.0	30.0
	40-41-58	Vamgas	10.0	10.0
	69-71-72	SAGASCO	10.0	10.0
		Crusader	-	4.75
Nappacoongee/ Murteree	15-16-22	Santos	35.0	60.25
	30-34-36 39	Crusader	30.0	4.75
		Delhi	21.0	21.0
		Vamgas	7.0	7.0
		SAGASCO	7.0	7.0
Merrimelia/ Innamincka	17-27-33	Alliance Petroleum Aust NL	50.0	50.0
	35-42-43	Santos	25.0	20.25
	44-52-56 68	Delhi	15.0	15.0
		Vamgas	5.0	5.0
		SAGASCO	5.0	5.0
	Crusader	-	4.75	

Patchawarra Central	18-19-20	Santos	25.0	20.25
	29-50-55	Bridge Oil Developments Pty Ltd	23.75	23.75
		Delhi	15.0	15.0
		Basin Oil NL	12.50	12.50
		Reef Oil NL	12.50	12.50
		Vamgas	5.0	5.0
		SAGASCO	5.0	5.0
		Bridge Oil Ltd	1.25	1.25
	Crusader	-	4.75	
Patchawarra East	26	Vamgas	43.75	43.75
		Santos	28.571	25.6022
		Delhi	17.143	17.143
		SAGASCO	10.536	10.536
		Crusader	-	2.9688
Patchawarra South West	28-48- 49-66	SAGASCO	30.0	30.0
		Santos	35.0	30.25
		Vamgas	20.0	20.0
		Delhi	15.0	15.0
		Crusader	-	4.75
Murta	31-32-37	Santos	45.0	40.25
	38-53-54	Delhi	27.0	27.0
	57-59-60	Vamgas	14.0	14.0
	61-65-67	SAGASCO	14.0	14.0
	70	Crusader	-	4.75
Lake Hope	45-46-47 63-64	Santos	52.0	47.25
		Delhi	30.0	30.0
		SAGASCO	10.0	10.0
		Vamgas	8.0	8.0
		Crusader	-	4.75
Clifton		Santos	50.0	45.25
		Delhi	30.0	30.0
		Vamgas	10.0	10.0
		SAGASCO	10.0	10.0
		Crusader	-	4.75
Haddon		Santos	52.50	47.75
		Delhi	30.0	30.0
		Vamgas	8.75	8.75
		SAGASCO	8.75	8.75
		Crusader	-	4.75
Koonchera		Santos	50.0	45.25
		Delhi	30.0	30.00
		Vamgas	10.0	10.0
		SAGASCO	10.0	10.0
		Crusader	-	4.75



Tinga-Tingana	Santos	45.0	40.25
	Delhi	27.0	27.0
	Vamgas	14.0	14.0
	SAGASCO	14.0	14.0
	Crusader	-	4.75

This Memorandum is hereby entered on the Petroleum Register.

R A LAWS  
DIRECTOR, OIL, GAS & COAL DIVISION  
Delegate of the Minister for Mines and Energy

502 0103 013

SR 27/2/4

MEMORANDUM

Petroleum Exploration Licence's 5 & 6

Petroleum Production Licence's 15, 16, 22, 30, 34, 36 and 39

Pipeline Licence No. 2

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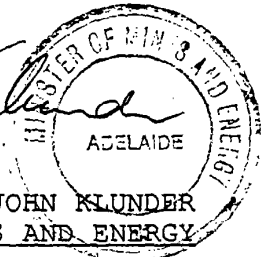
Crusader Resources NL

Westpac Banking Corporation

Receipt of the following documents is hereby entered on the Petroleum Register.

Fixed and Floating Charge dated 25th August 1989 and a Deed of Variation of Charge dated the 5th November 1990 entered into by Crusader Resources NL and Westpac Banking Corporation. My consent is insofar as it is necessary for me to do so for the purposes of Section 42 of the Petroleum Act 1940.

MC:MS  
19/5/91

  
  
JOHN KLUNDER  
MINISTER OF MINES AND ENERGY

\* Copy - Documents placed in PEL's 5+6  
Vol. 26

## NOTICE OF EXTENSION OF PETROLEUM PRODUCTION LICENCE

Department of Mines and Energy, Parkside, 10 November 1989

NOTICE is hereby given that the area of the undermentioned petroleum production licence has been extended in accordance with the provisions of the Petroleum Act, 1940.

J. KLUNDER, Minister of Mines and Energy

No. of Licence	Licensees	Locality	Original Area in km <sup>2</sup>	Revised Area in km <sup>2</sup>	Reference
36	SANTOS Ltd, Crusader Resources N.L., Delhi Petroleum Pty Ltd, Vamgas Ltd, SAGASCO Resources Ltd	Ulandi/Alwyn/ Jena Field in the Cooper Basin	31.96	46.93	SR 28/1/107

## Description of Area

The revised licence area is that part of the State of South Australia bounded as follows: Commencing at a point being the intersection of latitude 28°28'50"S and longitude 140°19'30"E, thence east to longitude 140°20'20"E, south to latitude 28°29'00"S, east to longitude 140°20'30"E, south to latitude 28°29'10"S, east to longitude 140°20'40"E, south to latitude 28°29'30"S, east to longitude 140°21'00"E, south to latitude 28°29'50"S, east to longitude 140°21'10"E, south to latitude 28°31'10"S, west to longitude 140°20'30"E, south to latitude 28°34'00"S, west to longitude 140°18'50"E, north to latitude 28°33'40"S, west to longitude 140°18'00"E, north to latitude 28°33'20"S, west to longitude 140°17'20"E, north to latitude 28°32'10"S, west to longitude 140°17'00"E, north to latitude 28°31'50"S, west to longitude 140°16'30"E, north to latitude 28°31'20"S, east to longitude 140°16'40"E, north to latitude 28°31'10"S, east to longitude 140°17'00"E, north to latitude 28°31'00"S, east to longitude 140°17'20"E, north to latitude 28°30'30"S, west to longitude 140°17'00"E, north to latitude 28°30'00"S, east to longitude 140°17'10"E, north to latitude 28°29'40"S, east to longitude 140°17'50"E, south to latitude 28°30'00"S, east to longitude 140°18'00"E, south to latitude 28°30'10"S, east to longitude 140°18'10"E, south to latitude 28°30'20"S, east to longitude 140°18'50"E, north to latitude 28°29'30"S, east to longitude 140°19'00"E, north to latitude 28°29'10"S, east to longitude 140°19'10"E, north to latitude 28°29'00"S, east to longitude 140°19'30"E and north to the point of commencement.

All the within latitudes and longitudes are geodetic and expressed in terms of the Australian Geodetic Datum as defined on p. 4984 of *Commonwealth Gazette* No. 84, dated 6 October 1966.

Area: 46.93 square kilometres (approximately).

## MINING ACT, 1971

Department of Mines and Energy, 23 November 1989

NOTICE is hereby given that I propose to grant exploration licences over the undermentioned areas. Any comments on this proposal must be lodged in writing, marked 'Comment on Granting of Exploration Licence' and addressed to the Director-General, Department of Mines and Energy, 191 Greenhill Road, Parkside, on or before 21 December 1989.

J. KLUNDER, Minister of Mines and Energy

Applicant	Location	Term	Area in km <sup>2</sup>	Ref. D.M.E. No.
CRA Exploration Pty Ltd	Arkaba area—approximately 15 kilometres north-east of Hawker, bounded as follows: Commencing at a point being the intersection of latitude 31°40'S and longitude 138°25'E thence east to longitude 138°35'E, north to the southern boundary of Flinders Ranges National Park, thence generally easterly along the southern boundary of the said Park to longitude 138°43'E, south to latitude 31°38'S, east to longitude 138°45'E, south to latitude 32°05'S, west to longitude 138°34'E, north to latitude 32°00'S, east to longitude 138°36'E, north to latitude 31°50'S, east to longitude 138°40'E, north to latitude 31°47'S, west to longitude 138°35'E, south to latitude 31°50'S, west to longitude 138°33'E, south to latitude 31°52'S, west to longitude 138°28'E, north to latitude 31°50'S, west to longitude 138°25'E and north to the point of commencement. All the within latitudes and longitudes are geodetic and expressed in terms of the Australian Geodetic Datum as defined on p. 4894 of <i>Commonwealth Gazette</i> number 84, dated 6 October 1966.	1 year	1 089	337/1989

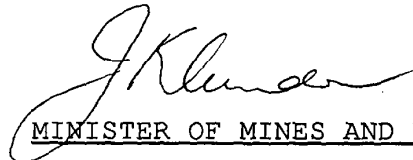
MEMORANDUM

Petroleum Production Licence No. 36

A Variation of Licence Area effective immediately is hereby entered upon the Petroleum Register.

SR 28/1/107

.!P./..!./89

  
MINISTER OF MINES AND ENERGY

502 0103 037

PETROLEUM ACT, 1940

I, JOHN HEINZ CORNELIS KLUNDER, Minister of Mines and Energy in the State of South Australia pursuant to the provisions of the Petroleum Act, 1940 HEREBY VARY THE AREA of Petroleum Production Licence No. 36 of which:

- . SANTOS Limited, whose registered office is situated at 39 Grenfell Street, Adelaide, S.A. 5000,
- . Crusader Resources N.L., whose registered office is situated at 19th Floor, 535 Bourke Street, Melbourne, Vic. 3000.
- . Delhi Petroleum Pty Ltd., whose registered office is situated at 8th Floor, 70 Pirie Street, Adelaide S.A. 5000
- . Vamgas Limited, whose registered office is situated at C/- Arthur Anderson and Co., Level 23, 35 Collins Street, Melbourne Victoria 3000.
- . SAGASCO Resources Limited whose registered office is situated at 60 Hindmarsh Square, Adelaide 5000,

are the registered holders, as follows:-

Varied Area

The revised licence area is that part of the State of South Australia bounded as described in the Schedule attached.

SIGNED, SEALED AND DELIVERED  
by the said MINISTER OF MINES  
AND ENERGY at ADELAIDE this

.....10<sup>th</sup>.....day of *November*.....1989

*J Klunder*  
MINISTER OF MINES AND ENERGY  




The Schedule

Petroleum Production Licence No: 36

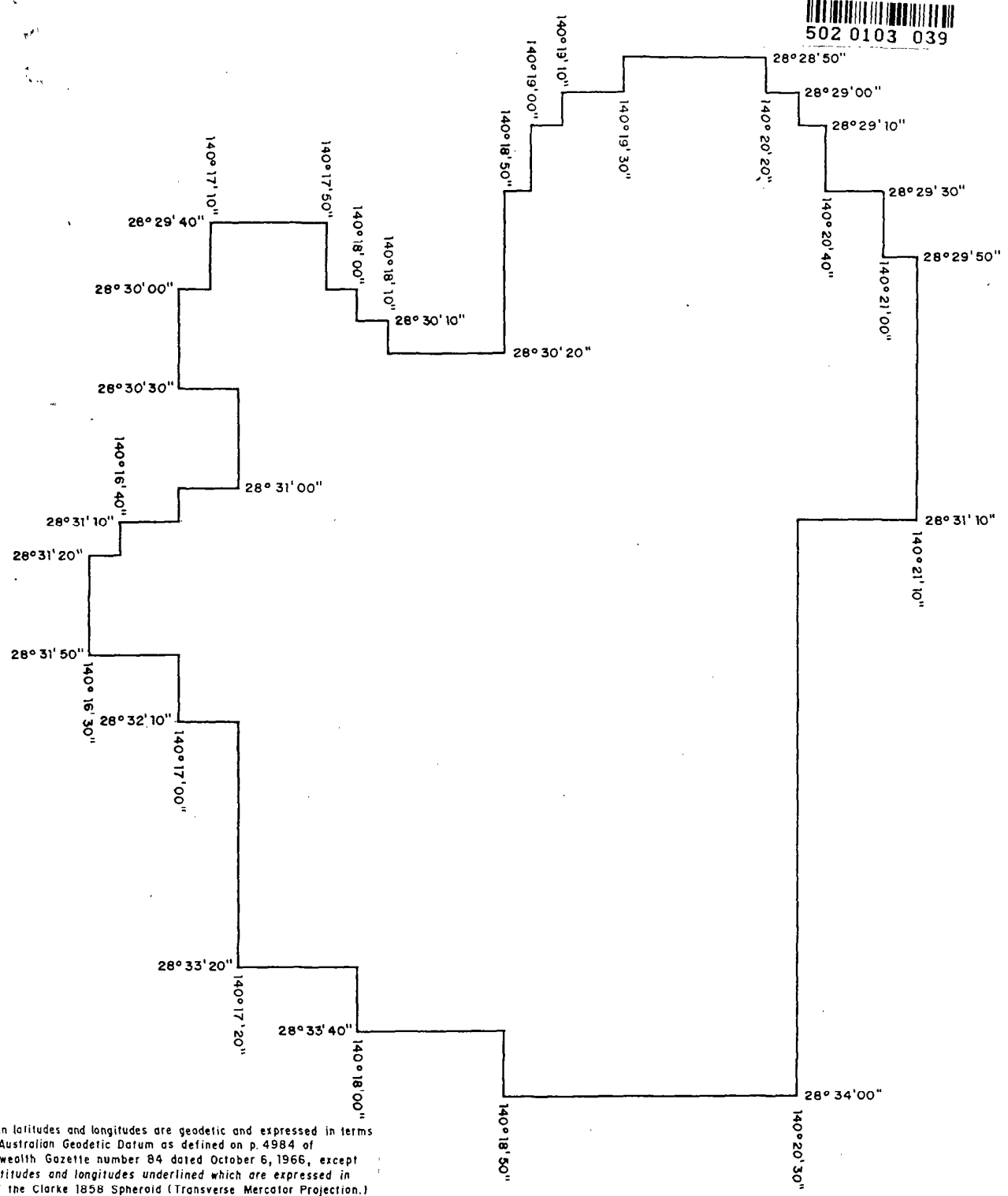
The land comprised in the licence is all that part of the State of South Australia, bounded as follows:

Commencing at a point being the intersection of latitude 28°28'50"S and longitude 140°19'30"E, thence east to longitude 140°20'20"E, south to latitude 28°29'00"S, east to longitude 140°20'30"E, south to latitude 28°29'10"S, east to longitude 140°20'40"E, south to latitude 28°29'30"S, east to longitude 140°21'00"E, south to latitude 28°29'50"S, east to longitude 140°21'10"E, south to latitude 28°31'10"S, west to longitude 140°20'30"E, south to latitude 28°34'00"S, west to longitude 140°18'50"E, north to latitude 28°33'40"S, west to longitude 140°18'00"E, north to latitude 28°33'20"S, west to longitude 140°17'20"E, north to latitude 28°32'10"S, west to longitude 140°17'00"E, north to latitude 28°31'50"S, west to longitude 140°16'30"E, north to latitude 28°31'20"S, east to longitude 140°16'40"E, north to latitude 28°31'10"S, east to longitude 140°17'00"E, north to latitude 28°31'00"S, east to longitude 140°17'20"E, north to latitude 28°30'30"S, west to longitude 140°17'00"E, north to latitude 28°30'00"S, east to longitude 140°17'10"E, north to latitude 28°29'40"S, east to longitude 140°17'50"E, south to latitude 28°30'00"S, east to longitude 140°18'00"E, south to latitude 28°30'10"S, east to longitude 140°18'10"E, south to latitude 28°30'20"S, east to longitude 140°18'50"E, north to latitude 28°29'30"S, east to longitude 140°19'00"E, north to latitude 28°29'10"S, east to longitude 140°19'10"E, north to latitude 28°29'00"S, east to longitude 140°19'30"E and north to the point of commencement.

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

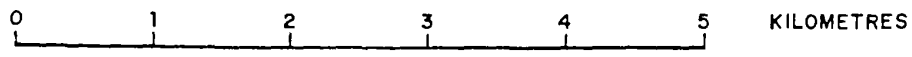
AREA: 46.93 square kilometres (approximately)

502 0103 039



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

SCALE 1:50 000



DELHI PETROLEUM PTY. LTD. SANTOS LIMITED  
 VAMGAS LIMITED S.A. OIL & GAS CORP. PTY. LTD.  
 CRUSADER RESOURCES N.L.

# PETROLEUM PRODUCTION LICENCE NO. 36

NATIONAL COMPANIES AND SECURITIES COMMISSION

Registered No.: 40742M

Sub-section 72 (9)

COPY OF

COMPANIES (SOUTH AUSTRALIA) CODE

CERTIFICATE OF INCORPORATION ON CHANGE OF NAME OF COMPANY

This is to certify that SOUTH AUSTRALIAN OIL & GAS CORPORATION LTD.  
originally called: SOUTH AUSTRALIAN OIL & GAS CORPORATION PTY. LTD.

which was on the 9th day of September 19 77

incorporated under the Companies Act, 1962

as a ~~public~~ proprietary company, on the 17th day of June

19 88 changed its name to

SAGASCO RESOURCES LIMITED

and that the company is a public/~~proprietary~~ company, and is a company limited by shares.

Given under the seal of the National Companies and Securities Commission at Adelaide, on this

17th day of June, 19 88.



*[Signature]*  
A person authorised by the  
Corporate Affairs Commission for South Australia.  
Delegate of the National Companies  
and Securities Commission.

*Schedule of Owners and Occupiers, so far as known*

No. of Section and Hundred	Owners	Occupiers
Allotment 96	R. A. and D. M. Jones, 17 Albany Terrace, Valley View 5093	Owners
Allotment 97	P. M. L. and S. M. Briscoe, 15 Albany Terrace, Valley View 5093	Owners
Allotment 98	R. J. and R. J. Franklin, 13 Albany Terrace, Valley View 5093	Owners
Allotment 99	E. C. Williams, 11 Albany Terrace, Valley View 5093	Owner
Allotment 112	H. R. and K. Y. Kuhn, 16 Albany Terrace, Valley View 5093	Owners
Allotment 113	L. A. and P. O. Benz, 18 Albany Terrace, Valley View 5093	Owners
Allotment 114	J. G. Rosenblueh, 20 Albany Terrace, Valley View 5093	Owner
Allotment 115	G. D. and E. M. Wright, 22 Albany Terrace, Valley View 5093	Owners
Easements in lots 96 and 97	Minister of Water Resources, State Administration Building, Victoria Square, Adelaide 5000	Owner

1/2

WATER RESOURCES ACT, 1976

I, DONALD JACK HOPGOOD, Minister of Water Resources in the State of South Australia, the Minister of the Crown to whom the administration of the Water Resources Act, 1976, has been committed do hereby make the following appointments to the North Para Water Resources Advisory Committee for the period ending 29 October 1989:

- Alfred Neil Wilkinson, R.D.A., Chairman
- Graham Lancelot George Anderson, B.Sc., Dip.Ed., Grad.Dip.Bus.Admin., J.P.
- Xavier Pierre Sibenaler, B.Sc., (Hons)
- Robert Murray Jones, B.Tech., M.E.Sc., Dip.T.P., M.I.E.(Aust), M.A.P.E.A.
- Gratton Vern Lowke
- Christopher Lloyd Rudd, B.A.Sc.
- William Herbert Scholz, M.B., B.S.
- Peter John Wall, R.D.Oen.
- Maurice Wallent, J.P.
- William John Voumard
- Bryan Marcus Harris, M.Sc.
- Neil James, F.A.I.H.S.
- Nicholas Harvey, B.Ed., B.A.(Hons), Ph.D.

Dated 19 February 1987.

D. J. Hopgood, Minister of Water Resources

CONSTITUTION ACT, 1934: SECTION 13—ASSEMBLY TO FILL VACANCY IN LEGISLATIVE COUNCIL

PURSUANT to a Proclamation made by His Excellency The Governor, on the 12th day of February, 1987, an assembly of Members of both Houses of Parliament was held on the 24th day of February, 1987, to fill the seat in the Legislative Council which had become vacant owing to the resignation of the Honourable Brian Alfred Chatterton, M.L.C.

At that assembly Mr Trevor Crothers was duly elected to fill the said vacancy.

C. H. MERTIN, Clerk of the Assembly

LAND ACQUISITION ACT, 1969

(Section 16)

*Notice of Acquisition*

ALL persons are to take notice that the district council of Mount Remarkable (in this notice referred to as 'the Authority') whose office is situated at Melrose in the State of South Australia 5483 under and by virtue of the powers conferred by section 16 of the above Act hereby acquires the land defined below to the extent of the interest there specified.

*Definition of Land Acquired*

The whole of the land comprised in certificate of title register book volume 200, folio 8.

*Extent of Interest Vested in the Authority*

An estate in fee simple.

You are hereby required to deliver up to the Authority on demand all documents, instruments, memoranda or letters (whether original or copies) evidencing your interest in the subject land.

Dated 17 February 1987.

The common seal of the district council of Mount Remarkable was hereunto affixed in the presence of:

(L.S.) † C. ROOKE, Chairman  
P. MOORE, Acting District Clerk

GRANT OF PETROLEUM PRODUCTION LICENCES

*Errata*

THE correct expiry date for licences 36 and 39 is 31.12.2006 and not as indicated in *Government Gazette* of 30 October 1986, page 1508 and 3 February 1987, page 272.

[\*]

STATE INFORMATION CENTRE

*Trading Hours*

*Counter Sales and Inquiry Service*

Mondays, Tuesdays, Wednesdays and Fridays 9.00 a.m. to 4.30 p.m.  
Thursdays 9.00 a.m. to 5.00 p.m.

*Telephone Inquiry Service*

Monday to Friday 9.00 a.m. to 5.00 p.m.

*All Services*

Public Holidays and Weekends Closed.

MANAGER

STATE INFORMATION CENTRE  
25 Grenfell Street, Adelaide

CONSOLIDATIONS OF RULES AND REGULATIONS

PUBLISHED 1981

(AS AT 2 DECEMBER 1981)

- Boating Regulations, 1974-1981
- Consumer Credit Regulations, 1973-1980
- Consumer Transactions Regulations, 1973-1980
- Fisheries (General) Regulations, 1971-1980
- Further Education Regulations, 1976-1981
- Local Court Rules, 1970-1981
- Lottery Regulations, 1971-1980
- Managed Fisheries Regulations, 1971-1980
- Motor Vehicles Act Regulations, 1960-1981
- Real Property Act (Solicitors and Land Brokers Charges) Regulations, 1974-1980
- Real Property Act (Strata Titles) Regulations, 1969-1980
- Sewerage Regulations, 1973-1980
- Taxi-Cab Regulations, 1965-1981
- Valuation of Land Regulations, 1972-1980

## COUNTRY FIRES ACT, 1976-1984

SCHEDULE No. 8 (Regulations 32 and 33)

## Order of Board

THE Country Fire Services Board hereby:

(1) Alters the fire danger season within the part of the State defined herewith: district council of Snowtown so as to commence on 15 November in each year, and to end on the next ensuing 30 April in each year.

(2) Fixes 16 February in each year to be the prescribed day.

Dated 23 October 1986.

A. D. MACARTHUR, Director, Country Fire Services

## COUNTRY FIRES ACT, 1976

## Section 25

## Revocation of Fire Control Officer Appointment

NOTICE is hereby given that the appointment of James B. Wesley-Smith as a fire control officer, pursuant to section 25 of the Country Fires Act, 1976, notice of which was published in the *Government Gazette* of 1 August 1985 at page 297, is revoked.

Dated 27 October 1986.

A. D. MACARTHUR, Director, Country Fire Services

## METROPOLITAN MILK SUPPLY ACT, 1946

UPON the recommendation of the Metropolitan Milk Board and pursuant to section 43 of the Metropolitan Milk Supply Act, 1946-1983, I hereby declare that the percentage of milk or cream specified in this declaration which any person on whom this declaration is binding may during the period from 1 November 1986, to 30 November 1986, (both dates inclusive) sell for consumption within the metropolitan area either on his own behalf or as agent for another person for consumption as milk or cream shall be 28 per centum.

This declaration shall be binding on:

- (a) all holders of milk treatment licences issued under the said Act.
- (b) all persons belonging to or who are members of any company or of any association, partnership or group of two or more persons which company, association, partnership or group at any time during the period specified in this declaration sells for human consumption within the metropolitan area as milk or cream any milk or cream to which this declaration applies either on its own behalf or as agent for another person and whether or not such lastmentioned person is a member of such company, association, partnership or group.
- (c) The person or persons named in the schedule hereunder written.

The milk or cream specified in this declaration shall be milk or cream produced by persons holding milk producers' licences issued under the said Act intended for human consumption within the metropolitan area (except any milk which is sold by retail by the producer thereof and produced within the metropolitan area as defined in the said Act in the course of a business carried on by him as a retail milk vendor) and shall include all such milk or cream which during the period specified in this declaration is:

- (a) purchased or treated by any person on whom this declaration is binding.
- (b) in the possession or control of any such person.
- (c) on the premises of any such person.

## THE SCHEDULE

Dated 21 October 1986.

K. MAYES, Minister of Agriculture

## GRANT OF PETROLEUM PRODUCTION LICENCE

## Erratum

IN *Government Gazette*, 12 June 1986, page 1532, under the date of expiry, for '31.12.2006' read '31.12.2007'.

[\*]

## PLANNING ACT, 1982

NOTICE of revocation of delegation by the South Australian Planning Commission and notice of delegation by the South Australian Planning Commission pursuant to section 13 of the Act.

## WHEREAS:

A. By notice of delegation made on 12 December 1985 at page 1812 of the *South Australian Government Gazette*, the South Australian Planning Commission delegated certain powers, duties and functions of the Commission to Michael Brian O'Connell of the corporation of the city of Port Adelaide.

B. The Commission desires to revoke the above delegation and to delegate its powers, duties and functions under the sections in accordance with this notice of delegation.

NOW, pursuant to the provisions of section 13 of the Planning Act, 1982, the South Australian Planning Commission, having received approval of the Minister for Environment and Planning, from the date of gazettal in the *South Australian Government Gazette* do hereby:

1. Revokes the delegation to Michael Brian O'Connell that appeared at page 1812 in the *South Australian Government Gazette* on 12 December 1985.

2. Delegates to Michael Brian O'Connell:

- 2.1 The authority to perform all the powers, duties and functions of the Commission as defined in Parts 3, 4, 6 and 7 of the Development Control Regulations, 1982, as varied, in relation to determining applications for consent development for which the Commission is the relevant planning authority pursuant to section 47 (2) of the Planning Act, 1982, (the Act) on land within the North Haven Marina Area as defined in the third schedule to this notice, and
- 2.2 The authority to perform all the powers, duties and functions of the Commission as defined in Part 8 of the Development Control Regulations, 1982, as varied, in relation to determining applications for consent to development for which the Commission is the relevant planning authority pursuant to section 47 (2) of the Act on land within the North Haven Marina Area as provided in the first schedule to this notice, except for applications for a class of development referred to in the second schedule to this notice.

The powers, duties and functions of the Commission detailed in paragraph 2 of this notice are hereby delegated to Mr David Ellis, Acting Manager, Metropolitan Branch, Department of Environment and Planning and shall be exercised by him when Michael Brian O'Connell is absent, and is reasonably expected to be or has been absent from his normal place of work for a period exceeding twenty-four hours.

## FIRST SCHEDULE

Applications for:

1. Residential Uses:

- 1.1 The erection, alteration, addition or extension of a detached dwelling.
- 1.2 The erection, alteration, addition or extension of an outbuilding, in which human activity is secondary and which is ancillary to another building used as a detached dwelling and including garages, toolsheds, carports, pergolas and verandahs.

## SECOND SCHEDULE

Applications for:

1. Developments by a council (either individually or jointly with other persons or bodies).
2. Development by the North Haven Trust (either individually or jointly with other persons or bodies).

## THIRD SCHEDULE

All that land being allotment 10 of section 652 and allotment 1002 of portion of section 640, Hundred of Adelaide, in the area named North Haven, described in L.T.R.O. Filed Plan No. 10200 and Deposited Plan No. 12588 respectively.

Dated 21 October 1986.

STEPHEN HAINS, Chairman  
South Australian Planning Commission



## GRANT OF PETROLEUM PRODUCTION LICENCE

Department of Mines and Energy, Parkside, 5 June 1986

NOTICE is hereby given that the undermentioned petroleum production licence has been granted under the provisions of the Petroleum Act, 1940.

R. G. PAYNE, Minister of Mines and Energy

No. of Licence	Licenees	Locality	Date of Expiry	Area in km <sup>2</sup>	Reference
36	SANTOS Limited, Crusader Resources N.L., Delhi Petroleum Pty Ltd, Vamgas Ltd, South Australian Oil & Gas Corporation Pty Ltd	Ulandi/Alwyn/Jena Field in the Cooper Basin	31.12.2006	31.96	SR28/1/107

*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°28'50"S and longitude 140°19'30"E, thence east to longitude 140°20'20"E, south to latitude 28°29'00"S, east to longitude 140°20'30"E, south to latitude 28°29'10"S, east to longitude 140°20'40"E, south to latitude 28°29'30"S, east to longitude 140°21'00"E, south to latitude 28°29'50"S, east to longitude 140°21'10"E, south to latitude 28°30'30"S, west to longitude 140°20'30"E, south to latitude 28°30'50"S, west to longitude 140°20'20"E, south to latitude 28°31'10"S, west to longitude 140°19'50"E, south to latitude 28°33'30"S, west to longitude 140°19'00"E, north to latitude 28°33'10"S, west to longitude 140°18'40"E, north to latitude 28°32'20"S, west to longitude 140°17'40"E, north to latitude 28°31'40"S, west to longitude 140°17'00"E, south to latitude 28°31'50"S, west to longitude 140°16'30"E, north to latitude 28°31'20"S, east to longitude 140°16'40"E, north to latitude 28°31'10"S, east to longitude 140°17'00"E, north to latitude 28°31'00"S, east to longitude 140°17'20"E, north to latitude 28°30'30"S, west to longitude 140°17'00"E, north to latitude 28°30'00"S, east to longitude 140°17'10"E, north to latitude 28°29'40"S, east to longitude 140°17'50"E, south to latitude 28°30'00"S, east to longitude 140°18'00"E, south to latitude 28°30'10"S, east to longitude 140°18'10"E, south to latitude 28°30'20"S, east to longitude 140°18'50"E, north to latitude 28°29'30"S, east to longitude 140°19'00"E, north to latitude 28°29'10"S, east to longitude 140°19'10"E, north to latitude 28°29'00"S, east to longitude 140°19'30"E and north to the point of commencement.

All the within latitudes and longitudes are 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: 31.96 square kilometres (approximately).

## MINING ACT, 1971, AS AMENDED

Department of Mines and Energy, 12 June 1986

NOTICE is hereby given that I propose to grant mining leases over the undermentioned areas. Any objections to this proposal must be lodged in writing at the office of the Department of Mines and Energy, 191 Greenhill Road, Parkside, on or before 10 July 1986.

R. G. PAYNE, Minister of Mines and Energy

Applicant	Location	Term	Area in ha	Ref. D.M.E.
<i>Mineral Leases</i>				
Michael Rawle Fry and Denis Harold Mainwood	In section 2, hundred of Moonabie	7 years	180.00	T671
Do	Do	Do	240.00	Do
Do	In section 2, hundred of Moonabie and section 33, out of hundreds (Whyalla)	Do	Do	Do

Special conditions are proposed for the above tenements, details of which are available from the Mining Registrar.

## MINING ACT, 1971, AS AMENDED

Department of Mines and Energy, 12 June 1986

NOTICE is hereby given that I propose to grant an exploration licence over the undermentioned area. Any objections to this proposal must be lodged in writing at the office of the Department of Mines and Energy, 191 Greenhill Road, Parkside, on or before 10 July 1986.

R. G. PAYNE, Minister of Mines and Energy

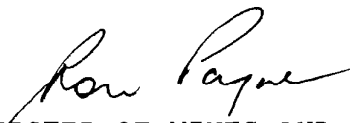
Applicant	Location	Term	Area in km <sup>2</sup>	Ref. D.M.E.
Swan Resources Limited and Freeport Australia Incorporated	Carrieton North area—approximately 80 km south of Peterborough, bounded as follows: commencing at a point being the intersection of latitude 32°04'S and longitude 138°05'E, thence east to longitude 138°30'E, south to latitude 32°20'S, west to longitude 138°20'E, north to latitude 32°15'S, west to longitude 138°05'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 <i>Commonwealth Gazette</i> number 84 dated 6 October 1966.	1 year	943	118/1986

MEMORANDUM

Petroleum Production Licence No. 36 (Ulandi/Alwyn/Jena)

1. This licence granted retrospectively to 1/1/86 is hereby entered on the Petroleum Register.
2. A security in the form of a \$4,000 bank guarantee has been lodged with respect to this licence.
3. Interests in the licence are as follows:-
  - . SANTOS Limited - 35%
  - . Crusader Resources N.L. - 30%
  - . Delhi Petroleum Pty. Ltd. - 21%
  - . Vamgas Ltd. - 7%
  - . South Australian Oil & Gas Corporation Pty. Ltd. - 7%

5/6/86  
SR 28/1/107

  
MINISTER OF MINES AND ENERGY

01111016

502 0103 031



SOUTH AUSTRALIA - PETROLEUM ACT, 1940

AND

COOPER BASIN (RATIFICATION) ACT, 1975

PETROLEUM PRODUCTION LICENCE NUMBER 36

I, RONALD GEORGE PAYNE, Minister of Mines and Energy in and for the State of South Australia pursuant to the Petroleum Act, 1940 and the Cooper Basin (Ratification) Act, 1975 and all other enabling powers HEREBY GRANT JOINTLY to SANTOS Limited of 39 Grenfell Street, Adelaide, S.A. ("SANTOS"), CRUSADER RESOURCES N.L. of 12 Creek Street, Brisbane, QLD ("Crusader"), DELHI PETROLEUM PTY. LTD. of 101 Grenfell Street, Adelaide, S.A. ("Delhi"), VAMGAS LTD., of 385 Bourke Street, Melbourne, Victoria ("Vamgas") and SOUTH AUSTRALIAN OIL & GAS CORPORATION PTY. LTD. of 60 Hindmarsh Square Adelaide, S.A. ("SAOG") a Petroleum Production Licence in respect of the area described hereunder:-

DESCRIPTION OF AREA

The land comprised in this licence is that part of the State of South Australia bounded as follows:-

Commencing at a point being the intersection of latitude 28°28'50"S and longitude 140°19'30"E, thence east to longitude 140°20'20"E, south to latitude 28°29'00"S, east to longitude 140°20'30"E, south to latitude 28°29'10"S, east to longitude 140°20'40"E, south to latitude 28°29'30"S, east to longitude 140°21'00"E, south to latitude 28°29'50"S, east to longitude 140°21'10"E, south to latitude 28°30'30"S, west to longitude 140°20'30"E, south to latitude 28°30'50"S, west to longitude 140°20'20"E, south to latitude 28°31'10"S, west to longitude 140°19'50"E, south to latitude 28°33'30"S, west to longitude 140°19'00"E, north to latitude 28°33'10"S, west to longitude 140°18'40"E, north to latitude 28°32'20"S, west to longitude 140°17'40"E, north to latitude 28°31'40"S, west to longitude 140°17'00"E, south to latitude 28°31'50"S, west to longitude 140°16'30"E, north to latitude 28°31'20"S, east to longitude 140°16'40"E, north to latitude 28°31'10"S, east to longitude 140°17'00"E, north to latitude 28°31'00"S, east to longitude 140°17'20"E, north to latitude 28°30'30"S, west to longitude 140°17'00"E, north to latitude 28°30'00"S, east to longitude 140°17'10"E, north to latitude 28°29'40"S, east to longitude 140°17'50"E, south to latitude 28°30'00"S, east to longitude 140°18'00"E, south to latitude 28°30'10"S, east to longitude

140°18'10"E, south to latitude 28°30'20"S, east to longitude  
 140°18'50"E, north to latitude 28°29'30"S, east to longitude  
 140°19'00"E, north to latitude 28°29'10"S, east to longitude  
 140°19'10"E, north to latitude 28°29'00"S, east to longitude  
 140°19'30"E and north to the point of commencement.

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

### TERMS AND CONDITIONS

1. The term of this licence is twenty one years commencing on and inclusive of the First day of January 1986 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 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 amendments thereto and with all Regulations for the time being in force under that Act and with any directions given by the Minister the Director-General of Mines and Energy 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:-

<u>SANTOS:</u>	Thirty-five per centum	(35%)
<u>Crusader:</u>	Thirty per centum	(30%)
<u>Delhi:</u>	Twenty-one per centum	(21%)
<u>Vamgas:</u>	Seven per centum	( 7%)
<u>SAOG:</u>	Seven per centum	( 7%)

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 17th day of October, 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 SEALED AND DELIVERED  
by the said MINISTER OF MINES  
AND ENERGY at ADELAIDE this

.....<sup>5<sup>th</sup></sup>..... day of June..... 1986

*Row Payne*  
.....  
MINISTER OF MINES AND  
ENERGY



SIGNED SEALED AND DELIVERED  
by the said LICENSEES at

ADELAIDE..... this

Twenty-Ninth..... day of May..... 1986

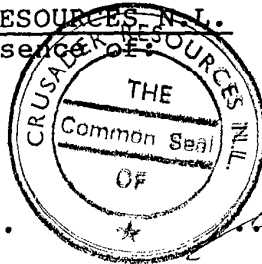
THE COMMON SEAL of SANTOS LIMITED  
was hereto affixed in the presence of:

*Max Stungling*  
.....  
(Director)

*[Signature]*  
.....  
(Secretary)

THE COMMON SEAL of CRUSADER RESOURCES N.L.  
was hereto affixed in the presence of:

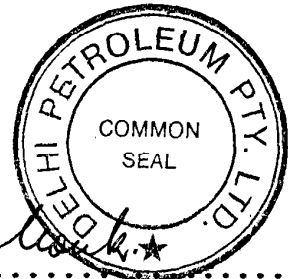
*[Signature]*  
.....  
ALTERNATE (Director)



*[Signature]*  
.....  
(Secretary)

THE COMMON SEAL of DELHI PETROLEUM PTY. LTD.  
was hereto affixed in the presence of:

*[Signature]*  
.....  
(Director)



*[Signature]*  
.....  
(Secretary)



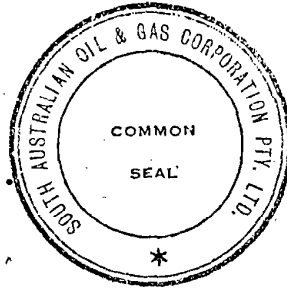
THE COMMON SEAL of VAMGAS LIMITED was hereto affixed in the presence of:

*[Signature]*  
.....  
(Director)

*[Signature]*  
.....  
(Secretary)

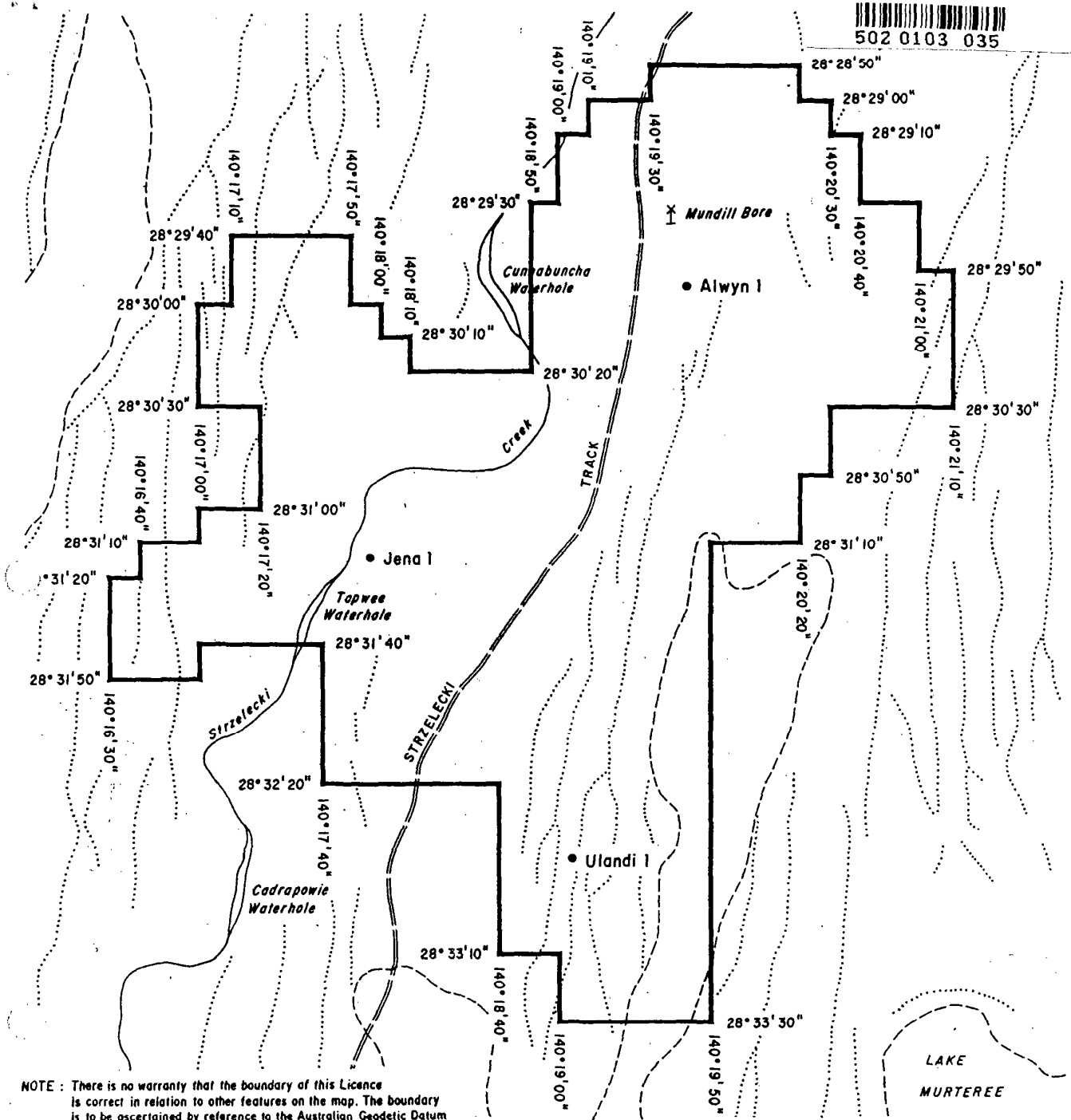
THE COMMON SEAL of SOUTH AUSTRALIAN OIL & GAS CORPORATION PTY. LTD. was hereto affixed in the presence of:

*[Signature]*  
.....  
(Director)



*[Signature]*  
.....  
(Secretary)

502 0103 035



NOTE: There is no warranty that the boundary of this Licence is correct in relation to other features on the map. The boundary is to be ascertained by reference to the Australian Geodetic Datum and the Schedule.

SCALE 1:50000



DELHI PETROLEUM PTY. LTD. SANTOS LIMITED  
 VAMGAS LIMITED S.A. OIL & GAS CORP. PTY. LTD.  
 CRUSADER RESOURCES N. L.

PETROLEUM PRODUCTION LICENCE NO. 36

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