

## INDEX OF DOCUMENTS HELD ON THE PUBLIC REGISTER FOR PIPELINE LICENCE No 15

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1. 6 January 2003 Grant of Pipeline Licence PL 15 –  
  
Interests:

Santos Limited	32.630%
Delhi Petroleum Pty Ltd	23.200%
Santos Petroleum Pty Ltd	18.720%
Origin Energy Resources Limited	16.500%
Vamgas Pty Ltd	7.5125%
Santos Australian Hydrocarbons Pty Ltd	1.2000%
Oil Company of Australia Limited	0.2375%
2. 6 January 2003 Memorandum entering PL 15 on the Public Register
3. 9 January 2003 Gazettal dated 9 January 2003 of Grant of Pipeline Licence PL 15
4. 23 January 2003 Gazettal dated 23 January 2003 of Corrigendum re Grant of Pipeline Licence PL 15
5. 28 January 2004 Certificate of Registration on Change of Name
6. 28 January 2004 Memorandum notating change of company name:  
  
From: Oil Company of Australia Pty Ltd  
To: Origin Energy CSG Limited
7. 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
8. 23 November 2005 Memorandum noting revision to security arrangements
9. 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

10. 26 July 2013 Certificate of Registration on Change of Name dated 23 October 2008.
- From: Origin Energy CSG Limited  
To: Australia Pacific LNG Limited
11. 26 July 2013 Certificate of Registration on Conversion to a Proprietary Company dated 7 May 2009.
- From: Australia Pacific LNG Limited  
To: Australia Pacific LNG Pty Limited
12. 26 July 2013 Memorandum entering notation of change of company name on the public register.
13. 9 August 2017 Certificate of Registration on Change of Name dated 29 June 2017.
- From: Origin Energy Resources Limited  
To: Lattice Energy Limited
14. 9 August 2017 Memorandum entering notation of change of company name on the public register.
15. 15 November 2017 Memorandum entering notation of the following registrable dealings on the public register:
- Sale and Purchase Agreement (Pipeline Licences 5, 9 and 15) dated 24 December 2015 between Australia Pacific LNG Pty Limited and Origin Energy Resources Limited.  
Ref: SA 2016-06
- Transfer Instrument (Pipeline Licences PLs 5, 9 and 15) dated 24 May 2016 between Australia Pacific LNG Pty Ltd and Origin Energy Resources Limited on the public register.  
Ref: SA 2016-07
- Interests in the licence are:
- |                                    |        |
|------------------------------------|--------|
| Santos Limited                     | 32.63% |
| Delhi Petroleum Pty Ltd            | 23.20% |
| Santos Petroleum Pty Ltd           | 18.72% |
| Lattice Energy Limited             | 16.74% |
| Vamgas Pty Ltd                     | 7.51%  |
| Santos Australian Hydrocarbons P/L | 1.20%  |

16. 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
17. 22 January 2020 Certificate of Registration on Change of Name dated 2 December 2019.
- From: Lattice Energy Limited  
 To: Beach Energy (Operations) Limited
18. 22 January 2020 Memorandum entering notation of change of company name on the public register.
19. 27 November 2020 Memorandum entering notation of revision to security arrangements on the public register.
20. 15 March 2024 Renewal of licence.
- PL 15 is now due to expire on 5 January 2045.
- Interests in the licence are:
- |  |        |
|--|--------|
| Santos Limited                         | 32.63% |
| Delhi Petroleum Pty Ltd                | 23.20% |
| Santos Petroleum Pty Ltd               | 18.72% |
| Beach Energy (Operations) Limited      | 16.74% |
| Vamgas Pty Ltd                         | 7.51%  |
| Santos Australian Hydrocarbons Pty Ltd | 1.20%  |
21. 15 March 2024 Memorandum entering renewal of licence on the public register.

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

**MEMORANDUM**

**PIPELINE LICENCE**  
**PL 15**

1. Renewal of this licence effective from 6 January 2024 is hereby entered on the public register.
2. Interests in the licence are:

Santos Limited	32.63%
Delhi Petroleum Pty Ltd	23.20%
Santos Petroleum Pty Ltd	18.72%
Beach Energy (Operations) Limited	16.74%
Vamgas Pty Ltd	7.51%
Santos Australian Hydrocarbons Pty Ltd	1.20%



**BENJAMIN ZAMMIT**  
**Executive Director**  
**Regulation and Compliance Division**  
**Department for Energy and Mining**  
**Delegate of the Minister for Energy and Mining**

Date: 15 March 2024

Ref: MER-2023/0253

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

## **RENEWAL OF PIPELINE LICENCE PL 15**

I, BENJAMIN ZAMMIT, Executive Director, Regulation and Compliance Division, Department for Energy and Mining, in the State of South Australia, pursuant to the provisions of the *Petroleum and Geothermal Energy Act 2000* and all other enabling powers, for and on behalf of the Minister for Energy and Mining (Minister), pursuant to delegated powers dated 27 November 2023, HEREBY GRANT to:

<b>Santos Limited</b>	ACN 007 550 923
<b>Delhi Petroleum Pty Ltd</b>	ACN 007 854 686
<b>Santos Petroleum Pty Ltd</b>	ACN 000 146 369
<b>Beach Energy (Operations) Limited</b>	ACN 007 845 338
<b>Vamgas Pty Ltd</b>	ACN 006 245 110
<b>Santos Australian Hydrocarbons P/L</b>	ACN 010 850 487

(hereinafter referred to as the Licensees), a Licence to operate and maintain a pipeline described in this Licence for the conveyance of petroleum subject to the following terms and conditions:

### **1 INTERPRETATION**

- 1.1 Unless the contrary intention appears, words defined in the *Petroleum and Geothermal Energy Act 2000* or in the *Petroleum and Geothermal Energy Regulations 2013* have the same meaning for the purposes of this Licence.
- 1.2 The "Act" means the *Petroleum and Geothermal Energy Act 2000* and refers to that Act as amended from time to time and any Act enacted in substitution for that Act.
- 1.3 The "Regulations" means the *Petroleum and Geothermal Energy Regulations 2013* and refers to those Regulations as amended from time to time and any Regulations or other statutory instruments made in substitution for those Regulations.
- 1.4 A reference to a "Statement of Environmental Objectives" is a reference to any Statement of Environmental Objectives for the time being approved under the Act in respect of the construction, maintenance, modification or operation of the pipeline.
- 1.5 A reference to the "Minister" is a reference to the Minister to whom the administration of the Act is for the time being committed.
- 1.6 The obligations of the Licensees and the powers of the Minister under the terms and conditions of this Licence are to be construed as being consistent with and as cumulative upon the obligations of the Licensees and the powers of the Minister under the Act and the Regulations.

## **2 TERM**

The term of this licence is 21 years commencing on 6 January 2024 and expiring at midnight on 5 January 2045.

## **3 GENERAL PROVISIONS**

3.1 The Licensees must maintain and operate the pipeline in accordance with the Act, (including the mandatory conditions stipulated by the Act), the Regulations and Statement of Environmental Objectives.

3.2 All regulated activities authorised by this Licence, namely:

(a) operation of the transmission pipeline; and

(b) maintenance of the transmission pipeline,

are classified as requiring low level official surveillance, in view of the Licensee's demonstrated competence to comply with the requirements of the Act and the conditions of this Licence.

## **4 GENERAL DESCRIPTION OF PIPELINE**

The pipeline will include:

4.1 a steel pipeline for the conveyance of petroleum, being a main pipeline with pipes of an outside diameter (OD) of approximately 168.3 mm (herein called "the Mainline") and over a route of approximately 3 km in length, commencing at the South Australia / Queensland Border and terminating at the inlet flange to the Kerna Manifold constructed near Kerna #1 well;

4.2 a scraper station located in the vicinity of the Kerna Manifold;

as shown in Schedule 1 to this Licence.

## **5 ROUTE**

The pipeline is constructed within a 100m corridor whose centreline is set out in Schedule 2 to this Licence.

## **6 DISCRETIONARY CONDITIONS**

6.1 The Licensees must:

(a) maintain in force during the term of this Licence public and products 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 100 million dollars (\$100,000,000.00) thereafter, or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may from time to time require;

(b) upon request by the Minister, provide the Minister with a cover note or certificate of currency of each insurance policy referred to in paragraph (a).

- 6.2 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.
- 6.3 A contract or agreement entered into by the Licensees to transfer or accept liability for any well, facility or associated infrastructure constructed for the purpose of undertaking regulated activity under the *Petroleum Act 1940* or the *Petroleum and Geothermal Energy Act 2000* cannot transfer, limit or exclude liability under the Petroleum and Geothermal Energy Act unless written consent of the Minister is obtained.

## 7 SECURITY

- 7.1 The Licensees shall during periods determined by the Minister, lodge and maintain with the Minister, in the form acceptable to the Minister, for the satisfaction of obligations arising under the Act or this licence, a security as specified by the Minister from time to time ("the Security"). The Security shall be lodged in the form of either;
- (a) cash; or
  - (b) an unconditional, irrevocable bank guarantee, insurance bond or letter of credit in a form, and from a financial institution, approved by the Minister.
- 7.2 The Security shall be:-
- (a) lodged within 28 days of the date of commencement of this Licence term;
  - (b) 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 so to do.
- 7.3 Interest will not be payable by the Minister to the Licensees on any cash Security.
- 7.4 All charges incurred by the Licensees in obtaining and maintaining the Security shall be met by the Licensees.
- 7.5 If upon expiry of this Licence this Licence is not renewed and the Minister is satisfied that there are no further obligations under this Licence or the Act, the Minister will return the Security to the Licensees.

Date: 15 March 2024 .....



.....  
**BENJAMIN ZAMMIT**  
**Executive Director**  
**Regulation and Compliance Division**  
**Department for Energy and Mining**  
**Delegate of the Minister for Energy and Mining**

**EXECUTED BY THE LICENSEES:**

Signed for and on behalf of:

**Santos Limited** (ACN 007 550 923)  
**Santos Petroleum Pty Ltd** (ACN 000 146 369)  
**Vamgas Pty Ltd** (ACN 006 245 110)  
**Santos Australian Hydrocarbons P/L** (ACN 010 850 487)

By its authorised representative:

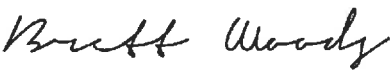
  
.....  
Signature of representative

  
.....  
Signature of witness

AMELIA CATHERINE SENNECK.....  
Print name of representative

Jessica Cotton.....  
Print name of witness

**EXECUTED** by **Beach Energy (Operations) Limited** (ACN 007 845 338)  
in accordance with Section 127 of the  
*Corporations Act 2001*:

  
.....  
Signature of Director

  
.....  
Signature of ~~Director~~/Secretary\*

Brett Woods.....  
Print name of Director

David Lim.....  
Print name of ~~Director~~/Secretary\*  
(\*delete the inapplicable)



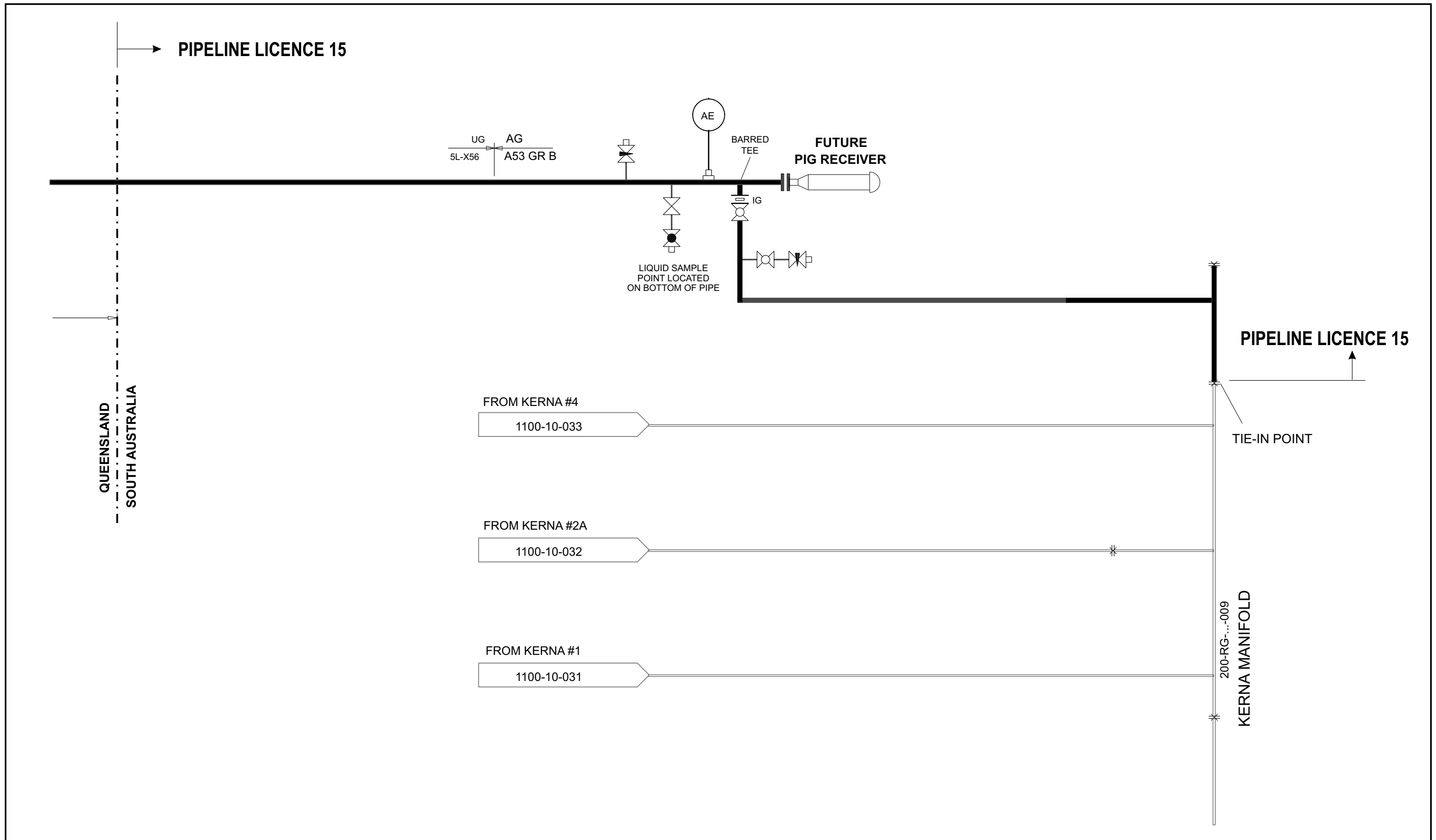
**EXECUTED** by **Delhi Petroleum Pty Ltd** (ACN 007 854 686)  
in accordance with Section 127 of the  
*Corporations Act 2001*:

*Brett Woods*  
.....  
Signature of Director

*David Lim*  
.....  
Signature of ~~Director~~/Secretary\*

Brett Woods  
.....  
Print name of Director

David Lim  
.....  
Print name of ~~Director~~/Secretary\*  
(\*delete the inapplicable)



# SCHEDULE 2

## PL 15

### ROUTE DESCRIPTION

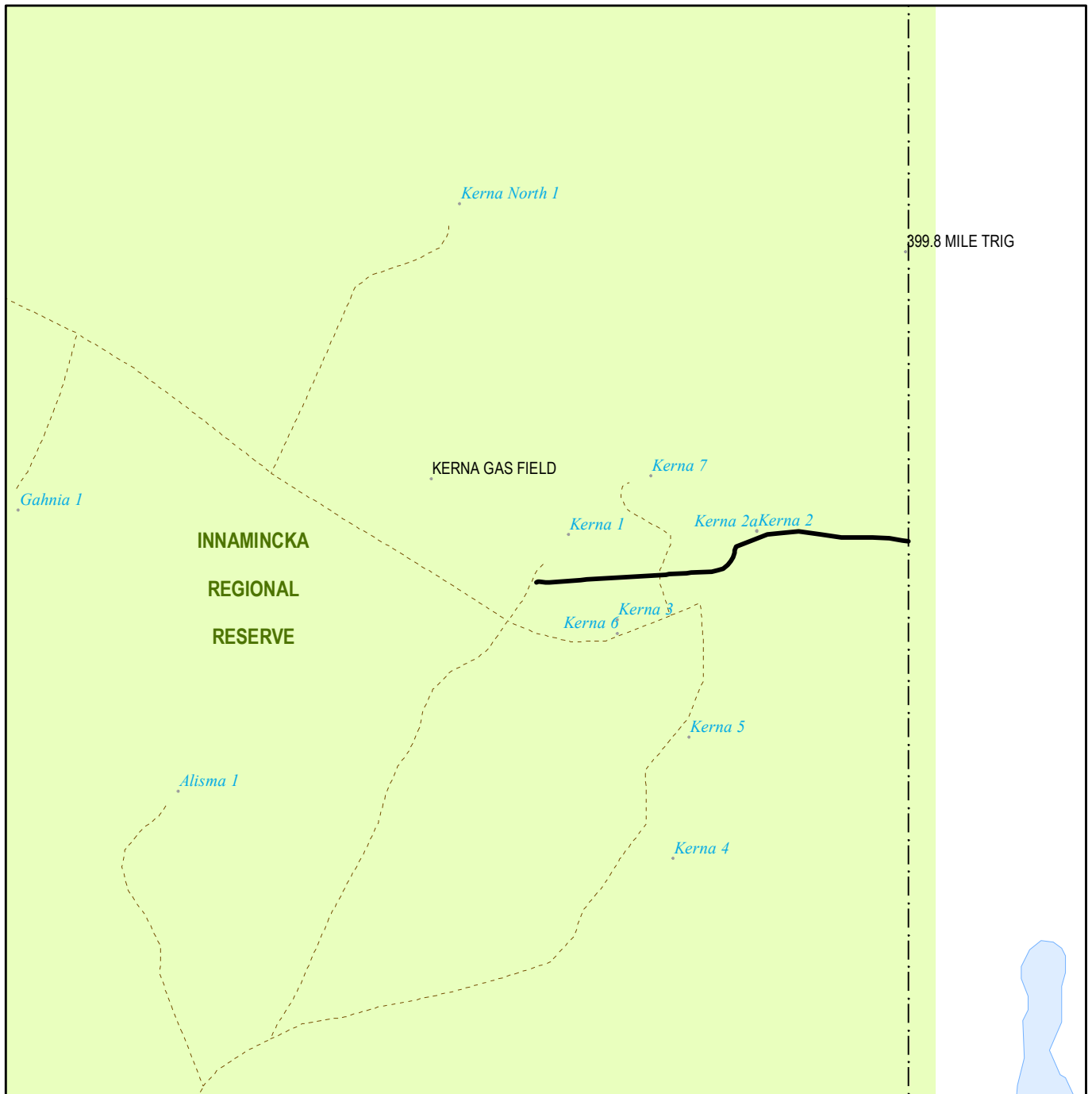
All that part of the State of South Australia, bounded as follows:-

Lines joining point of coordinates set out in the following table:

GDA 1994 MGA Zone 54

499944mE	6877184mN	SA/QLD Border
499895mE	6877188mN	
499802mE	6877212mN	
499678mE	6877214mN	
499452mE	6877219mN	
499299mE	6877240mN	
499133mE	6877264mN	
499020mE	6877251mN	
498906mE	6877239mN	
498776mE	6877183mN	
498677mE	6877140mN	
498664mE	6877108mN	
498667mE	6877089mN	
498654mE	6877054mN	
498637mE	6877018mN	
498615mE	6876986mN	
498582mE	6876958mN	
498544mE	6876941mN	
498496mE	6876933mN	
498345mE	6876922mN	
498312mE	6876920mN	
498185mE	6876911mN	
498161mE	6876907mN	
497776mE	6876880mN	
497577mE	6876865mN	
497531mE	6876860mN	
497304mE	6876842mN	
497274mE	6876843mN	
497232mE	6876849mN	
497218mE	6876849mN	
497209mE	6876840mN	Kerna Manifold

LENGTH: 3 kilometres approximately



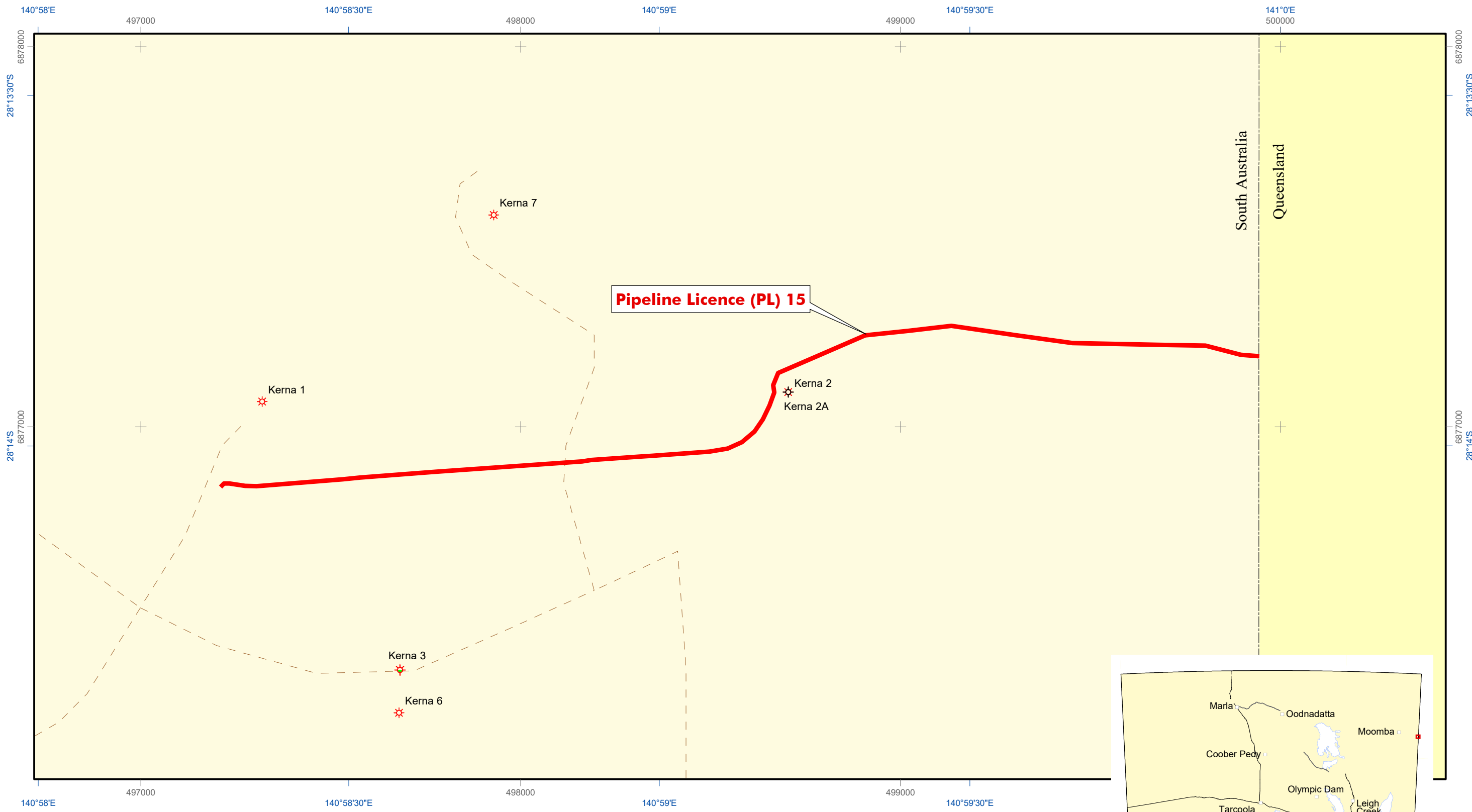
SCALE 1:50000







Note: There is no warranty that the boundary of this licence is correct in relation to other features of the map. The boundary is to be ascertained by reference to the Geocentric Datum of Australia (GDA94) and the schedule.

THE PLAN HEREINBEFORE REFERRED TO

**PIPELINE LICENCE NO: 15**



-  Moon to Kerna Pipeline
-  Dry hole
-  Gas well
-  Oil and gas shows

**Petroleum and Geothermal Energy Act 2000  
Schedule 2  
PIPELINE LICENCE 15  
Moon to Kerna Gas Pipeline**

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

**MEMORANDUM**

**PETROLEUM EXPLORATION LICENCE**  
**PEL 570**

**PETROLEUM RETENTION LICENCES**

**PRLs 14, 17, 18, 28, 29, 30, 31, 111, 112, 113, 114, 115, 131, 132, 133,  
134, 180, 181, 182, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200,  
201, 202, 203, 204, 205 and 206**

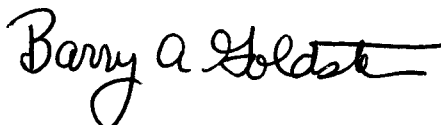
**PETROLEUM PRODUCTION LICENCES**

**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,  
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175, 176, 177, 178, 179, 180, 182, 187, 189, 190, 193, 194, 195, 196,  
201, 206, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236,  
237, 238 and 252**

**SPECIAL FACILITIES LICENCE**  
**SFL 15**

**PIPELINE LICENCES**  
**PLs 2, 5, 9, 15, 17 and 20**

1. Notation of revision to security arrangements is hereby entered on the public register.
2. Effective 27 November 2020, future revisions to security arrangements for the above-mentioned licences will no longer be noted on the public register.



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

Date: 27 November 2020

Ref: F2020/000930

**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**

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

- SA 2016-06 Notation of registrable dealing as evidenced by Sale and Purchase Agreement (Pipeline Licences 5, 9 and 15) dated 24 December 2015 between Australia Pacific LNG Pty Limited and Origin Energy Resources Limited is hereby entered on the public register.
- SA 2016-07 Notation of registrable dealing as evidenced by a Transfer Instrument (Pipeline Licences PLs 5, 9 and 15) dated 24 May 2016 between Australia Pacific LNG Pty Ltd and Origin Energy Resources Limited is hereby entered on the public register.

Interests in these licences are:

Santos Limited	32.63%
Delhi Petroleum Pty Ltd	23.20%
Santos Petroleum Pty Ltd	18.72%
Lattice Energy Limited	16.74%
Vamgas Pty Ltd	7.51%
Santos Australian Hydrocarbons P/L	1.20%



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

Date: 15 November 2017

Ref: 28/1/356  
28/1/366  
28/1/370

**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:

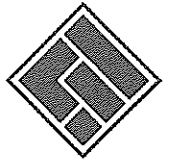
From: Origin Energy Resources Limited  
To: Lattice Energy Limited

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**

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

1. Notation of change of company name:

From: Origin Energy CSG Limited  
To: Australia Pacific LNG Limited

and

From: Australia Pacific LNG Limited  
To: Australia Pacific LNG Pty Limited

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: 26 July 2013

Ref: 28/1/356  
28/1/366  
28/1/370

Origin Energy Limited Attn: Susan Henry  
GPO Box 5376  
Sydney NSW 2001



# Certificate of Registration on Conversion to a Proprietary Company



This is to certify that

**AUSTRALIA PACIFIC LNG LIMITED**

**Australian Company Number 001 646 331**

on the seventh day of May 2009 converted to a **proprietary company**.

The name of the company is now

**AUSTRALIA PACIFIC LNG PTY LIMITED**

**Australian Company Number 001 646 331**

The company is taken to be registered under the Corporations Act 2001 in New South Wales and the date of commencement of registration is the twenty-seventh day of October, 1978.

Issued by the  
Australian Securities and Investments Commission  
on this seventh day of May, 2009.

Anthony Michael D'Aloisio  
Chairman

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CLAYTON UTZ ATTN: LUCIA SPENNATI  
Level 27-35  
No 1 O'Connell Street  
SYDNEY NSW 2000

Revised 2007/08/01 if de registered company



## Certificate of Registration on Change of Name



This is to certify that

**ORIGIN ENERGY CSG LIMITED**

**Australian Company Number 001 646 331**

did on the twenty-third day of October 2008 change its name to

**AUSTRALIA PACIFIC LNG LIMITED**

**Australian Company Number 001 646 331**

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 New South Wales and the date of commencement of registration is the twenty-seventh day of October, 1978.

Issued by the  
Australian Securities and Investments Commission  
on this twenty-third day of October, 2008.

Anthony Michael D'Aloisio  
Chairman

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

**MEMORANDUM**

**PETROLEUM PRODUCTION LICENCES**

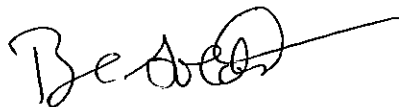
**PPLs 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 83, 84, 86, 87, 88, 89,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

**and**

**PIPELINE LICENCES**

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

SA 2011-15      Notation of registrable dealing as evidenced by Delhi Fixed and Floating Charge and Mortgage of JV Assets dated 29 September 2010 between Delhi Petroleum Pty Limited and Westpac Banking Corporation is hereby entered on the public register.



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

Date: 15 February 2011



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

**MEMORANDUM**

**PETROLEUM PRODUCTION LICENCES (PPLs) 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 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**

**MEMORANDUM**

**PETROLEUM EXPLORATION LICENCE**  
**PEL 27**

**PIPELINE LICENCES**  
**PL 5, PL 9 and PL 15**

1. Notation of change of company name –

From: Oil Company of Australia Limited  
To: Origin Energy CSG Limited

is hereby entered on the public register of licences.



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

Date: 28 January 2004

File: 27/2/066  
28/1/171  
28/1/217  
28/1/356

ORIGIN ENERGY LIMITED  
ATTN: SUSAN HENRY  
Level 39 Amp Centre  
50 Bridge Street  
SYDNEY NSW 2000

Remove this top section if desired before framing

# Certificate of Registration on Change of Name



This is to certify that

**OIL COMPANY OF AUSTRALIA LIMITED**

Australian Company Number 001 646 331

did on the twenty-third day of December 2003 change its name to

**ORIGIN ENERGY CSG LIMITED**

Australian Company Number 001 646 331

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 New South Wales and the date  
of commencement of registration is the twenty-seventh day of October, 1978.

CERTIFICATE

Issued by the  
Australian Securities and Investments Commission  
on this twenty-third day of December, 2003.

David Knott  
Chairman

GRANT OF PIPELINE LICENCE PL 15

Corrigendum

Office of Minerals and Energy Resources, Adelaide, 17 January 2003.

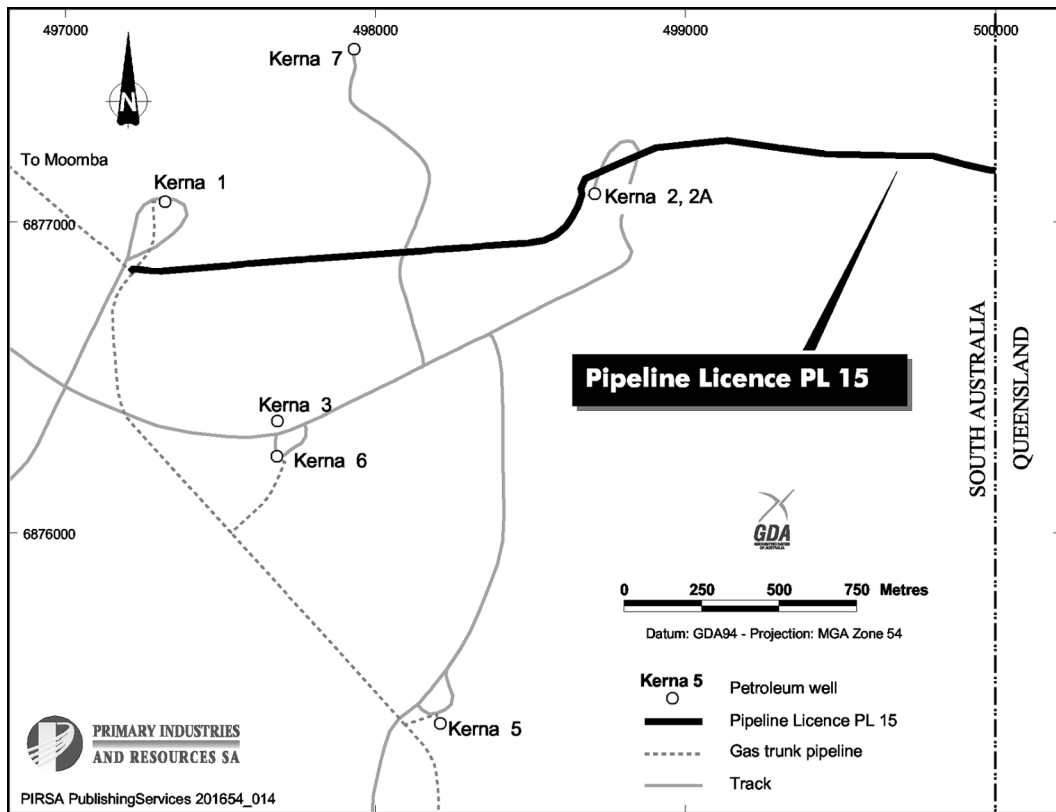
NOTICE is hereby given that the termination point of Pipeline Licence PL 15 was incorrectly described in *Gazette* No. 4 dated 9 January 2003, page 14. Details of the licence, granted under the provisions of the Petroleum Act 2000, pursuant to delegated powers dated 28 March 2002, *Gazetted* 11 April 2002, page 1573 are as follows:

B. A. GOLDSTEIN, Director Petroleum, Office of Minerals and Energy Resources,  
 Delegate of the Minister for Mineral Resources Development

No. of Licence	Licensee	Locality of Route	Date of Expiry	Length of Pipeline	Reference
15	Santos Limited Santos Petroleum Pty Ltd Santos Australian Hydrocarbons Pty Ltd Vamgas Pty Ltd Delhi Petroleum Pty Ltd Origin Energy Resources Limited Oil Company of Australia Limited	Commencing at the South Australia/ Queensland border and terminating at the Kerna #1 manifold near the Kerna #1 well in the Kerna Gas Field	5 January 2024	3 km	28/01/356

General Description of the Licence Area

The Pipeline is to be constructed along the route shown on the map following:



GRANT OF PIPELINE LICENCE PL 15

Office of Minerals and Energy Resources, Adelaide, 6 January 2003.

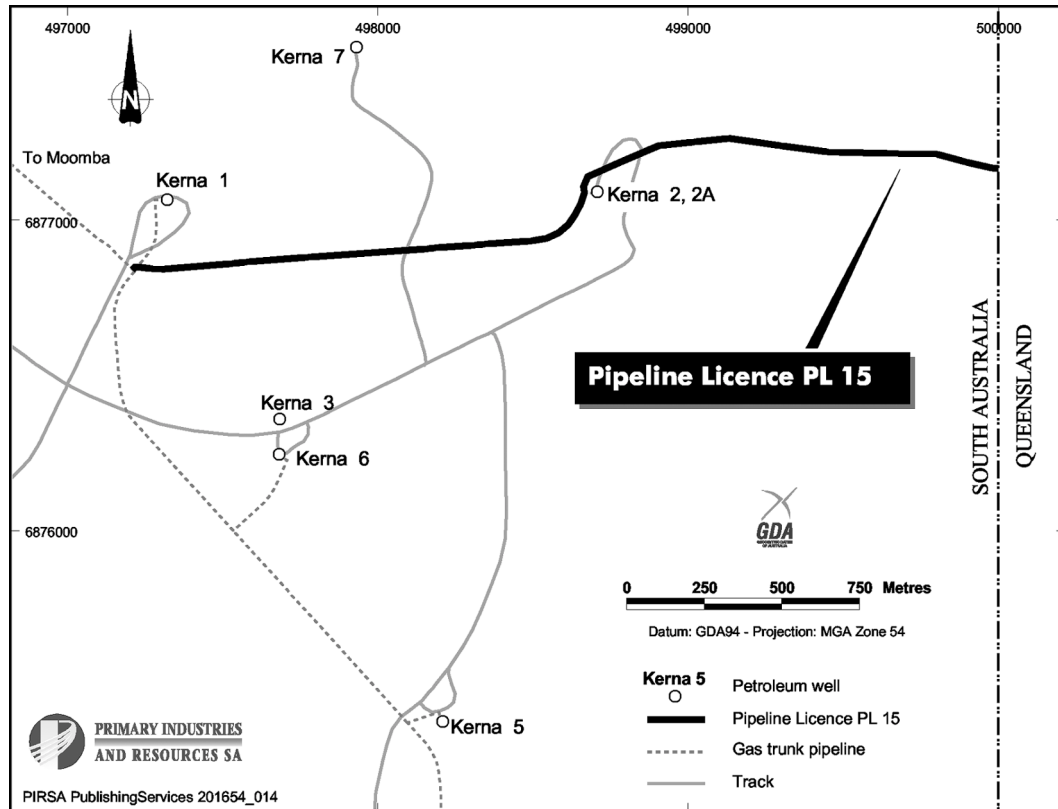
NOTICE is hereby given that the undermentioned Pipeline Licence has been granted under the provisions of the Petroleum Act 2000, pursuant to delegated powers dated 28 March 2002, *Gazetted* 11 April 2002, page 1573.

B. A. GOLDSTEIN, Director Petroleum, Office of Minerals and Energy Resources, Delegate of the Minister for Minerals and Energy

No. of Licence	Licensee	Locality of Route	Date of Expiry	Length of Pipeline	Reference
15	Santos Limited Santos Petroleum Pty Ltd Santos Australian Hydrocarbons Pty Ltd Vangas Pty Ltd Delhi Petroleum Pty Ltd Origin Energy Resources Limited Oil Company of Australia Limited	Commencing at the South Australia/Queensland border and terminating at Kerna #2A in the Kerna Gas Field	5 January 2024	3 km	28/01/356

*General Description of the Licence Area*

The Pipeline is to be constructed along the route shown on the map following:



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

**MEMORANDUM**

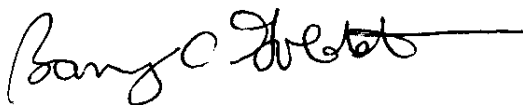
**GRANT OF PIPELINE LICENCE**  
**PL 15**

1. Grant of this licence on 6 January 2003 is hereby entered on the public register.

2. Interests in the licence are:

Santos Limited	32.630%
Delhi Petroleum Pty Ltd	23.200%
Santos Petroleum Pty Ltd	18.720%
Origin Energy Resources Limited	16.500%
Vamgas Pty Ltd	7.5125%
Santos Australian Hydrocarbons Pty Ltd	1.2000%
Oil Company of Australia Limited	0.2375%

3. Expiry Date – 5 January 2024



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

Date: 6 January 2003

SR 28/01/356

# Petroleum Act 2000

## PIPELINE LICENCE No 15

I, BARRY ALAN GOLDSTEIN, Director Petroleum, Office of Minerals and Energy Resources, in the State of South Australia pursuant to the provisions of the *Petroleum Act 2000* and all other enabling powers, for and on behalf of Paul Holloway, Minister for Mineral Resources Development (Minister), pursuant to delegation dated 28 March 2002, (refer Government Gazette dated 11 April 2002 page 1573), HEREBY GRANT to:

Santos Limited (ABN 007 550 923);  
Santos Petroleum Pty Ltd (ABN 95 000 146 369);  
Santos Australian Hydrocarbons Pty Ltd (ABN 85 010 850 487)  
and Vamgas Pty Ltd (ABN 76 006 245 110); of Level 29,  
Santos House, 91 King William St, Adelaide SA 5000;  
  
Delhi Petroleum Pty Ltd (ABN 65 007 854 686) of c/- Esso  
Australia, 12 Riverside Quay, Southbank, Melbourne, Vic 3006  
  
Origin Energy Resources Limited (ABN 66 007 845 338) of  
Level 6, 1 King William Street, Adelaide, SA 5000; and  
  
Oil Company of Australia Limited (ABN 68 001 646 331) of  
339 Coronation Drive, Milton, Qld 4064

S.A. STAMP DUTY PAID \$10.00

ORIGINAL with 8 copies

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NEED

a Licence to construct and operate a transmission pipeline described in this Licence for the conveyance of petroleum subject to the following terms and conditions:

### 1 INTERPRETATION

- 1.1 Unless the contrary intention appears, words defined in the *Petroleum Act 2000* or in the *Petroleum Regulations 2000* have the same meaning for the purposes of this Licence.
- 1.2 The "Act" means the *Petroleum Act 2000* and refers to that Act as amended from time to time and any Act enacted in substitution for that Act.
- 1.3 The "Regulations" means the *Petroleum Regulations 2000* and refers to those Regulations as amended from time to time and any Regulations or other statutory instruments made in substitution for those Regulations.
- 1.4 A reference to a "Statement of Environmental Objectives" is a reference to any Statement of Environmental Objectives for the time being approved under the Act in respect of the construction, maintenance modification or operation of the pipeline.
- 1.5 A reference to the "Minister" is a reference to the Minister to whom the administration of the Act is for the time being committed.



1.6 The obligations of the Licensee and the powers of the Minister under the terms and conditions of this Licence are to be construed as being consistent with and as cumulative upon the obligations of the Licensee and the powers of the Minister under the Act and the Regulations.

## 2 TERM

The term of this licence is 21 years commencing on 6 January 2002.3 and expiring at midnight on 5 January 2023.4

## 3 GENERAL PROVISIONS

3.1 The Licensee must design, construct, maintain and operate the pipeline in accordance with the Act, (including the mandatory conditions stipulated by the Act), the Regulations and Statement of Environmental Objectives.

3.2 All regulated activities authorised by this Licence, namely:

- (a) construction of the transmission pipeline; and
- (b) operation of the transmission pipeline,

are classified as requiring high level official supervision, unless the Licensee satisfies the Minister that, in view of the Licensee's demonstrated competence to comply with the requirements of the Act and the conditions of this Licence, the activities should be classified as requiring low level official supervision.

## 4 GENERAL DESCRIPTION OF PIPELINE

The pipeline will include:

4.1 a steel pipeline for the conveyance of petroleum, being a main pipeline with pipes of an outside diameter (OD) of approximately 168.3 mm (herein called "the Mainline") and over a route of approximately 3 km in length, commencing at the South Australia / Queensland Border and terminating at the inlet flange to the Kerna Manifold constructed near Kerna #1 well;

4.2 a scraper station located in the vicinity of the Kerna Manifold, as shown on Schedule 1 to this Licence.

## 5 ROUTE

The pipeline is constructed within a 100m corridor whose centreline is set out in Schedule 2 to this Licence.

## 6 DISCRETIONARY CONDITIONS

6.1 The Licensee must:

- (a) upon commencement of regulated activities under this Licence, maintain in force during the term of this Licence public and products 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 20 million dollars (\$20,000,000.00) for the period of pipeline construction to the commencement of commissioning, and not less than 100 million dollars (\$100,000,000.00) thereafter, or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may from time to time require;
- (b) upon request by the Minister, provide the Minister with a cover note or certificate of currency of each insurance policy referred to in paragraph (a).

6.2 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.

6.3 The Licensee must, within 12 weeks after the time of commissioning the Pipeline conduct a practice drill of the emergency procedures and provide a report on the practice drill in accordance with the requirements of the Regulations

## 7 SECURITY

7.1 For the purpose of ensuring the due and proper performance of the Licensee's obligations under this Licence and the Act, 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").

7.2 The Security shall be:-

- (a) lodged within 28 days of the date of execution of this Licence
- (b) 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 so to do.



Signed 17 December 2002 on behalf of Delhi Petroleum Pty Ltd:  
by its duly authorised Attorney

Klaus  
~~Authorised Officer~~ Ian Angues ~~Authorised Officer~~

Name

Name

Position

Position

Signed 24 DECEMBER 2002 on behalf of Origin Energy Resources Ltd:

J. Rodda  
Authorised Officer

Authorised Officer

JOHN RODDA  
ORIGIN ENERGY RESOURCES LIMITED  
Name

Name

MANAGER EXPLORATION & PRODUCTION  
Position

Position

Signed 24 DECEMBER 2002 on behalf of Oil Company of Australia Ltd:

J. Rodda  
Authorised Officer

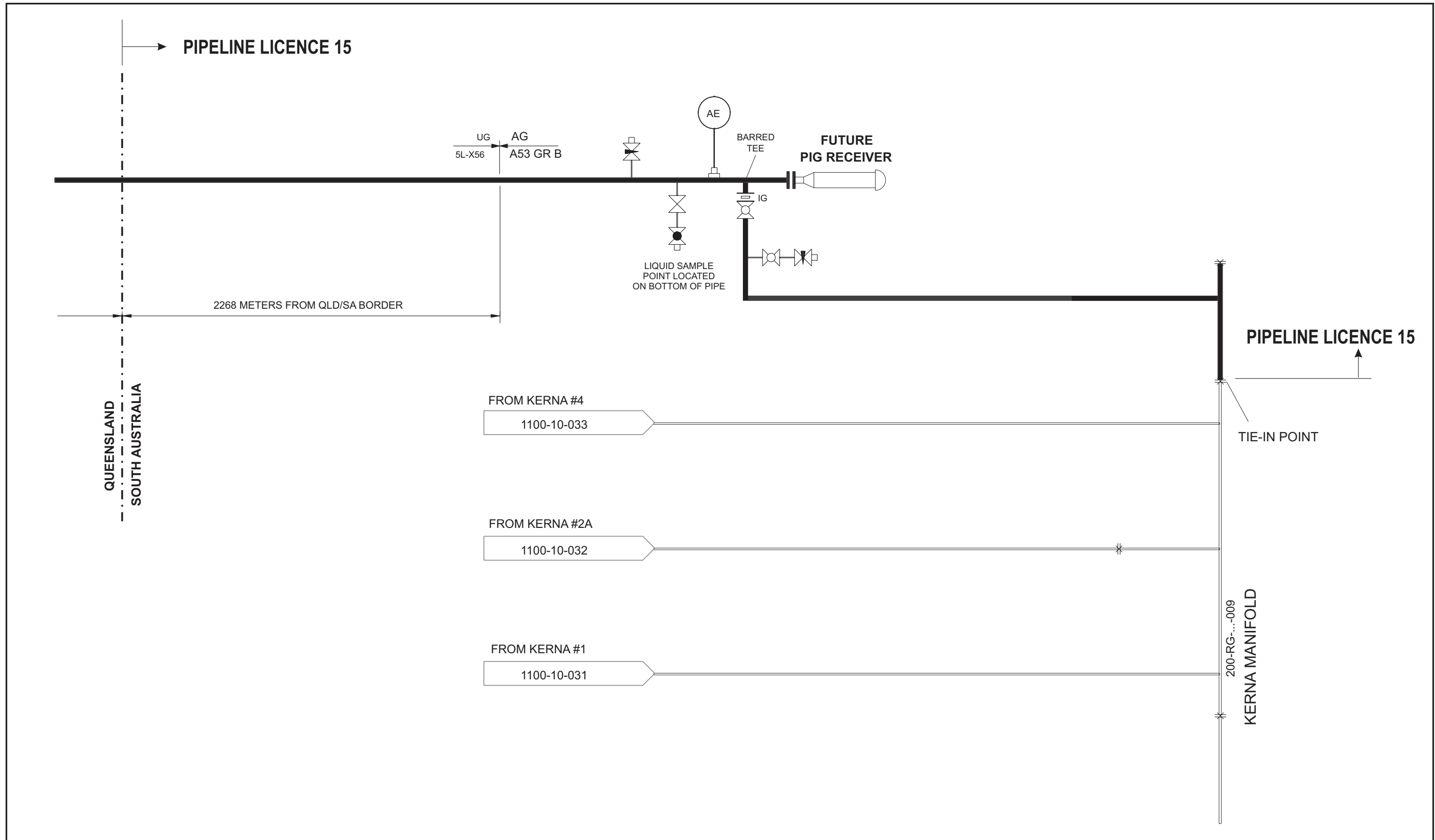
Authorised Officer

JOHN RODDA  
ORIGIN ENERGY RESOURCES LIMITED  
Name

Name

MANAGER EXPLORATION & PRODUCTION  
Position

Position



## SCHEDULE 2

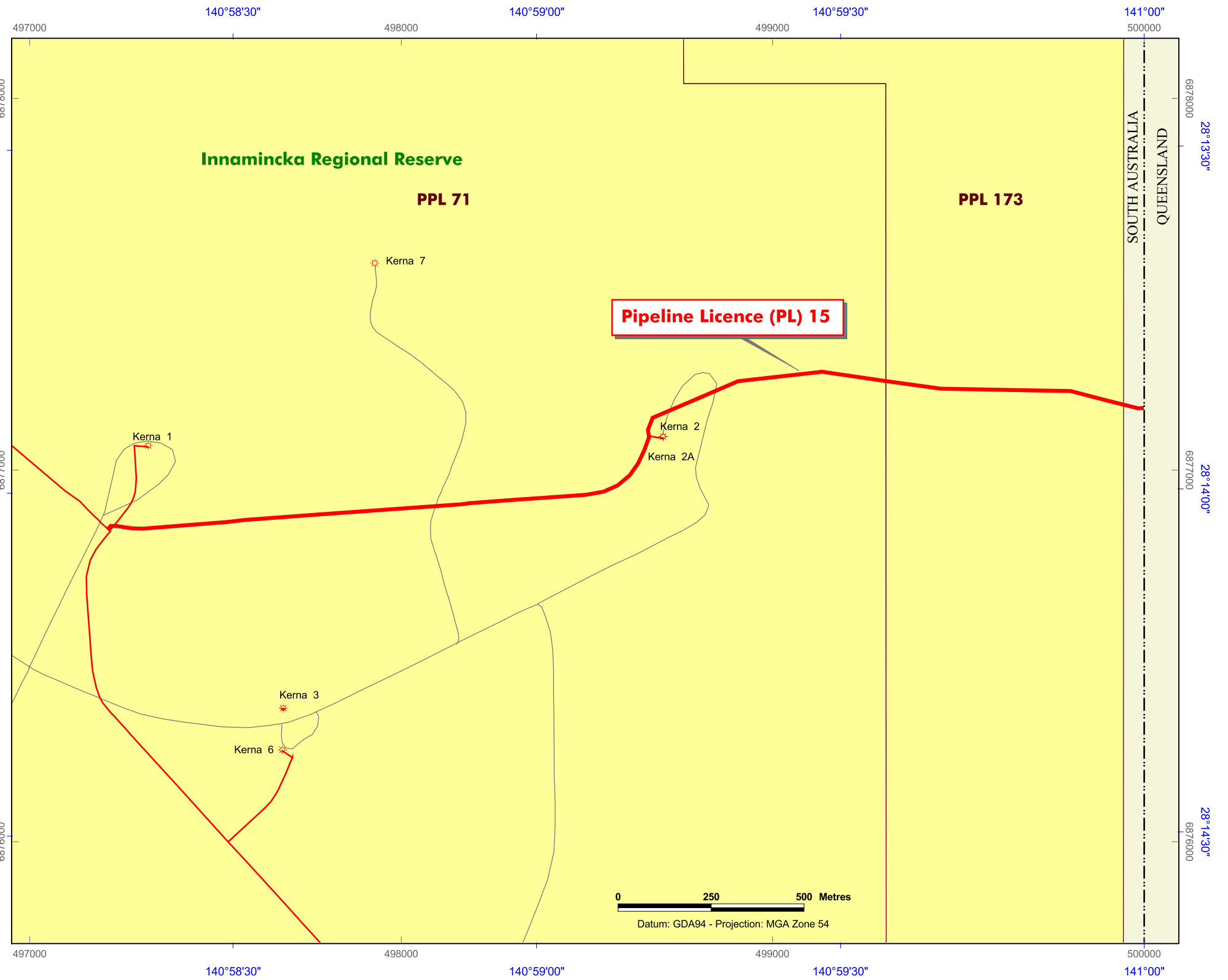
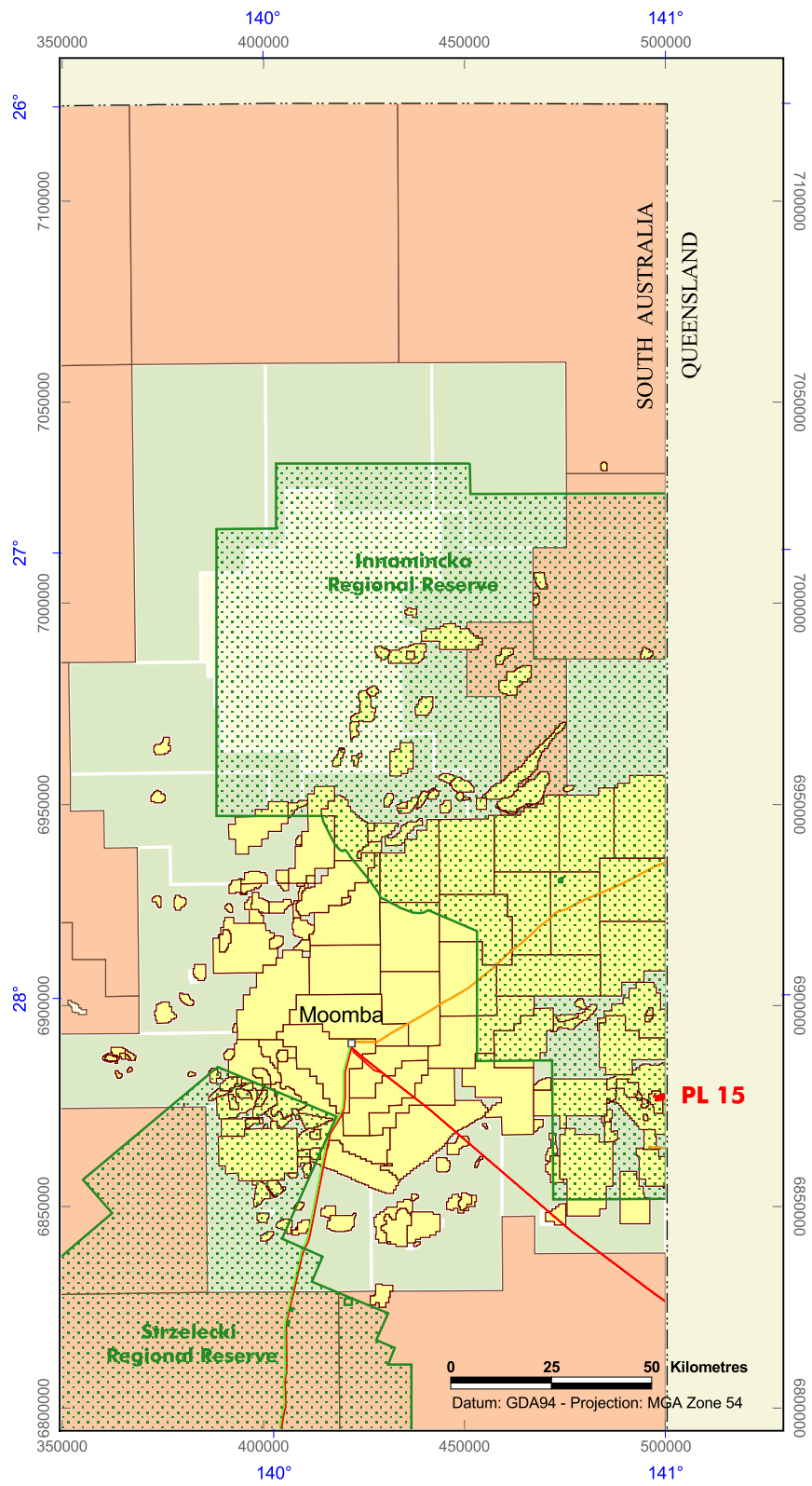
### PIPELINE LICENCE No 15

#### ROUTE DESCRIPTION

A series of straight lines generally joining the following points,  
Australian Geodetic Datum (GDA 94)  
Zone 54 - Map Grid of Australia,  
and within a corridor generally shown on the attached plan.

#### Grid Coordinates (MGA 94)

Point	Easting	Northing
SA/QLD Border	499 944	6 877 184
2	499 895	6 877 188
3	499 802	6 877 212
4	499 678	6 877 214
5	499 452	6 877 219
6	499 299	6 877 240
7	499 133	6 877 264
8	499 020	6 877 251
9	498 906	6 877 239
10	498 776	6 877 183
11	498 677	6 877 140
12	498 664	6 877 108
13	498 667	6 877 089
14	498 654	6 877 054
15	498 637	6 877 018
16	498 615	6 876 986
17	498 582	6 876 958
18	498 544	6 876 941
19	498 496	6 876 933
20	498 345	6 876 922
21	498 312	6 876 920
22	498 185	6 876 911
23	498 161	6 876 907
24	497 776	6 876 880
25	497 577	6 876 865
26	497 531	6 876 860
27	497 304	6 876 842
28	497 274	6 876 843
29	497 232	6 876 849
30	497 218	6 876 849
Kerna Manifold	497 209	6 876 840



**Petroleum Tenements**

- Petroleum Production Licence (PPL)
- Petroleum Exploration Licence (PEL)
- Petroleum Exploration Licence Application (PELA)

**Infrastructure**

- Pipeline Licence 15
- Pipeline Licence (PL) - gas
- Pipeline Licence (PL) - liquids
- Pipeline Licence (PL) - gas and liquids

**Petroleum Tenements**

- Petroleum Production Licence (PPL)

**Infrastructure**

- Pipeline Licence (PL) 15 - gas
- Gas trunk pipeline

**Petroleum wells (October 2002)**

- Dry
- Gas
- Gas with Oil Shows

**Petroleum Act 2000  
Schedule 2  
PIPELINE LICENCE (PL) 15  
Moon to Kerna Gas Pipeline**



**Disclaimer**  
There is no warranty that this map is free from errors or omissions. Issued under the authority of the Hon Paul Holloway MLC. Selected data on this map are available digitally and can be downloaded from [www.pir.sa.gov.au](http://www.pir.sa.gov.au)