

Department of Industry, Tourism and Resources:  
Geoscience Australia

# **PETROLEUM EXPLORATION AND DEVELOPMENT TITLES: KEY**

**to accompany the Map  
showing the Petroleum Titles  
in Australia in force at  
1 May 2003**

## **Department of Industry, Tourism and Resources**

Minister for Industry, Tourism and Resources: The Hon. Ian Macfarlane, M.P.

Parliamentary Secretary: The Hon. Warren Entsch, M.P.

Secretary: Mark Paterson

## **Geoscience Australia**

Chief Executive Officer: Dr. Neil Williams

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Chief Executive Officer,  
Geoscience Australia,  
GPO Box 378,  
Canberra, ACT 2601.

ISSN 1039-0073

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## General Remarks

'Title' is a general word used to cover all types of authorities, permits, licences and leases throughout Australia, regardless of the specific names given to them by the various States and Territories.

'Expiry Date' means the date of expiry of current tenure. There may be rights to renewal for further periods, in some cases, over a reduced area.

Where two or more companies are listed, an asterisk following the name of a company means that the company is the operator in that particular title.

The Petroleum Exploration and Development Titles Map and this Key are based on information supplied by the various State and Territory Departments of Mines, and additional details should be obtained directly from them.

## Petroleum Legislation and Titles

Under the Australian Constitution, responsibility for the development of petroleum resources is shared between the Commonwealth Government and State and Territory Governments. Ownership of petroleum resources is reserved to the Crown and vested in the Government of the State or Territory in which they occur.

There are three principal acts relevant to petroleum exploration and production in Australia:

### Commonwealth of Australia

*Petroleum (Submerged Lands) Act 1967*

### State and Territory

*Petroleum (Submerged Lands) Act*

*Petroleum or Mining Act*

## Offshore Areas

Beyond three nautical miles from the territorial sea baseline, petroleum operations are subject to Commonwealth legislation known as the *Petroleum (Submerged Lands) Act 1967*. Within that limit and within coastal waters, complementary State and Territory legislation applies, also known as the *Petroleum (Submerged Lands) Act*. The Commonwealth *Petroleum (Submerged Lands) Act 1967* established Joint Authorities for the offshore area adjacent to each State and the Northern Territory. Each Joint Authority consists of the Commonwealth Minister for Resources and the relevant State Minister for Mines (the latter being known as the Designated Authority). The Joint Authorities decide all important questions of title arising under the legislation. Offshore the area is divided, for tenement purposes, into graticular blocks each being five minutes of latitude by five minutes of longitude. Titles to explore for and develop petroleum are issued and administered by the relevant Designated Authority (i.e. the State or Northern Territory Mines Minister) following consultation with the Designated Authority's Department. A three-stage title system operates under which a permit is issued to cover all forms of exploration, followed by either a retention lease or a production licence if a discovery is made.

The maximum area for an offshore exploration permit is 400 graticular blocks (between 25 900 and 31 000 square kilometres) but there is no limit to the number of permits that any one company can hold. Permits are issued for an initial period of six years and may be renewed for five-year periods (usually over half the original area). A production licence surrounding a discovery may include a maximum of nine blocks and is issued for an initial term of 21 years.

If the discovery is not commercially viable for immediate development, but is likely to be commercially viable within 15 years, the permittee(s) may be granted a retention lease over the area pending development. A

retention lease may be granted for a five-year term with renewal periods of five years.

Permits are issued either under a work program system, or in selected areas which are considered highly prospective, a cash-bidding system.

In December 1989 the Australian and Indonesian Governments signed a treaty allowing the area commonly referred to as the Timor Gap Zone of Cooperation to be jointly administered. Three distinct areas made up the Zone of Cooperation in the Timor Sea: Area A under joint administration; Area B under Australian jurisdiction; and Area C controlled by the Indonesian authorities. Area A, divided into 14 Production Sharing Contract areas, was opened for competitive bidding on 24 June 1991. On 12 December 1991, 11 production sharing contracts were approved for an initial period of six years for petroleum exploration in Area A of the Zone of Cooperation in the Timor Sea.

The United Nations Transitional Administration in East Timor (UNTAET) became Australia's partner in the Timor Gap Treaty, under an arrangement which will apply in the transitional period until East Timorese independence. The agreement was negotiated in 1999/2000 in close consultation with East Timorese representatives.

On 5 July 2001, the Hon. Alexander Downer, MP, Minister for Foreign Affairs; Senator the Hon. Nick Minchin, MP, Minister for Industry, Science and Resources; and East Timorese and United Nations representatives initialled and endorsed a new Timor Sea Arrangement (Arrangement) to govern petroleum development in the Timor Sea. The area previously referred to as the Zone of Cooperation Area A is now known as the Joint Petroleum Development Area.

## Onshore Areas

In onshore areas, each State and mainland Territory operates under its own individual legislation:

### Queensland

*Petroleum Act 1923-1976*

### New South Wales

*Petroleum (Onshore) Act 1991*

### Victoria

*Petroleum Act 1958*

### Tasmania

*Mining Act 1929*

### South Australia

*Mining (Petroleum Act 1940-1984)*

### Western Australia

*Petroleum Act 1967*

### Northern Territory

*Petroleum Act 1984*

### Australian Capital Territory

*Mining Ordinance 1930*

The two-stage system of permit and licence has generally been adopted. Exploration permits vary generally in name, initial and renewal terms, maximum area, relinquishment provisions, method of application and expenditure requirements. A production licence is required before engaging in commercial production of petroleum; it relates to a much smaller area than the exploration permit and is of a much longer duration (eg. 21 years in Western Australia and the Northern Territory).

Further details about the titles applications, State charges and arrangements may be obtained from the State or Territory Mines Department responsible for administering the areas (see list next page).

## STATE AND TERRITORY MINES DEPARTMENTS - KEY SECTOR CONTACTS

Director  
Resource Planning and Development  
Department of Mineral Resources  
Minerals and Energy House  
29-57 Christie Street  
ST LEONARDS NSW 2065

PO Box 536  
ST LEONARDS NSW 1590  
Telephone: (02) 9901 8888  
Facsimile: (02) 9901 8777  
Web Page: [www.minerals.nsw.gov.au](http://www.minerals.nsw.gov.au)

Manager  
Petroleum Development  
Department of Natural Resources and  
Environment  
7<sup>th</sup> Floor, 250 Victoria Parade  
EAST MELBOURNE VIC 3002

PO Box 500  
EAST MELBOURNE VIC 3002  
Telephone: (03) 9412 5084  
Facsimile: (03) 9412 5156  
Web Page: [www.nre.vic.gov.au](http://www.nre.vic.gov.au)

Director  
Resource Development Division  
Department of Natural Resources and Mines  
Queensland Minerals and Energy Centre  
61 Mary Street  
BRISBANE QLD 4000

GPO Box 194  
BRISBANE QLD 4001  
Telephone: (07) 3237 1581  
Facsimile: (07) 3237 0470 (Petroleum)  
Web Page: [www.nrm.qld.gov.au](http://www.nrm.qld.gov.au)

Director  
Petroleum Group  
Department of Primary Industries and  
Resources  
Level 7,  
101 Grenfell Street  
ADELAIDE SA 5000

GPO Box 1671  
ADELAIDE SA 5001  
Telephone: (08) 8463 3000  
Facsimile: (08) 8463 3229  
Web Page: [www.pir.sa.gov.au](http://www.pir.sa.gov.au)

Director  
Petroleum Division  
Department of Mineral and Petroleum Resources  
Mineral House  
100 Plain Street  
EAST PERTH WA 6004

Telephone: (08) 9222 3333  
Facsimile: (08) 9222 3515 (Petroleum)  
Web Page: [www.mpr.wa.gov.au](http://www.mpr.wa.gov.au)

Director of Mines  
Mineral Resources Tasmania  
30 Gordons Hill Road  
ROSNY PARK TAS 7018

PO Box 56  
ROSNY PARK TAS 7018  
Telephone: (03) 6233 8333  
Facsimile: (03) 6233 8338  
Web Page: [www.mrt.tas.gov.au](http://www.mrt.tas.gov.au)

Director of Energy  
Department of Business, Industry and Resource  
Development  
Centrepoint Building  
The Mall  
DARWIN NT 0800

GPO Box 3000  
DARWIN NT 0801  
Telephone: (08) 8999 5511  
Facsimile: (08) 8999 5530  
Web Page: [www.dme.nt.gov.au/](http://www.dme.nt.gov.au/)

The Executive Directors  
Timor Gap Joint Authority for the Zone of  
Cooperation  
8<sup>th</sup> Floor, NT House  
DARWIN NT 0800

Telephone: (08) 8941 1861  
Facsimile: (08) 8981 7365  
Web Page: [www.timorgap.org.au](http://www.timorgap.org.au)

## COMMONWEALTH GOVERNMENT - KEY SECTOR CONTACTS

Head of Division  
Petroleum and International Energy Division  
Department of Industry, Tourism and Resources  
20 Allara Street  
CANBERRA ACT 2600

GPO Box 9839  
CANBERRA ACT 2601  
Australia  
Telephone: (02) 6213 7946  
Facsimile: (02) 6213 7955  
Email:  
[petroleum.exploration@industry.gov.au](mailto:petroleum.exploration@industry.gov.au)  
Web Page: [www.industry.gov.au/petexp](http://www.industry.gov.au/petexp)

Chief, Petroleum and Marine Division  
Geoscience Australia  
Corner Hindmarsh Drive & Jerrabomberra Ave.  
SYMONSTON ACT 2609

GPO Box 378  
CANBERRA ACT 2601  
Australia  
Telephone: (02) 6249 9111  
Facsimile: (02) 6249 9983  
Web Page: [www.ga.gov.au](http://www.ga.gov.au)

Group Leader  
Petroleum and Greenhouse Gas Advice Group  
Geoscience Australia  
Corner Hindmarsh Drive & Jerrabomberra Ave.  
SYMONSTON ACT 2609

GPO Box 378  
CANBERRA ACT 2601  
Australia  
Telephone: (02) 6249 9111  
Facsimile: (02) 6249 9983  
Web Page: [www.ga.gov.au](http://www.ga.gov.au)

The Executive Member  
Foreign Investment Review Board  
The Treasury  
Parkes Place  
PARKES ACT 2600

C/o Department of the Treasury  
CANBERRA ACT 2600  
Telephone: (02) 6263 2111  
Facsimile: (02) 6263 2940  
Web: [www.frb.gov.au](http://www.frb.gov.au)

Head of Division  
Invest Australia  
Department of Industry, Tourism and Resources  
20 Allara Street  
CANBERRA ACT 2600

GPO Box 9839  
CANBERRA ACT 2601  
Australia  
Telephone: (02) 6213 6700  
Facsimile: (02) 6213 6705  
Web Page: [www.investaustralia.gov.au](http://www.investaustralia.gov.au)

Environment Assessment Branch  
Environment Protection Group  
Environment Australia  
John Gorton Building  
PARKES ACT 2600

PO Box 787  
CANBERRA ACT 2601  
Telephone: (02) 6274 1444  
Facsimile: (02) 6274 1620  
Web Page: [www.ea.gov.au](http://www.ea.gov.au)

Native Title Division  
Attorney-General's Department  
Robert Garran Offices  
BARTON ACT 2600

Telephone: (02) 6250 6666  
Facsimile: (02) 6250 5400  
Web Page: [www.nttf.gov.au](http://www.nttf.gov.au)

National Native Title Tribunal  
Principal Registry, Commonwealth Law Courts  
Level 4,  
1 Victoria Ave  
PERTH WA 6000

Telephone: (08) 9268 7272  
Facsimile: (08) 9268 7299  
Web Page: [www.nntt.gov.au](http://www.nntt.gov.au)

## Petroleum Titles by Companies

Listed below in alphabetical order are all companies that hold interest, whole or in part, in the current petroleum titles.

This list is cross-referenced with the "Key to Petroleum Exploration and Development Titles" which includes all petroleum exploration permits, retention leases and production licenses that were in force at 1 May 2003.

### AEC International (Australia) Pty Ltd

*Western Australia* WA-214-P R1

### AGIP

*Joint Petroleum Development Area* JPDA 00-21

### AGIP Australia 91-13 Ltd

*Joint Petroleum Development Area* JPDA 91-13

### AGIP Australia BV

*Western Australia* WA-328-P, WA-326-P, WA-279-P, WA-292-P, WA-295-P

### AGIP Australia Ltd

*Northern Territory* NT/P57

*Territory of Ashmore and Cartier Islands Adjacent Area* AC/P21

*Western Australia* WA-25-L, WA-208-P R2

### AGIP Australia P/L

*Western Australia* WA-280-P

### AGIP BV

*Western Australia* WA-313-P

### AGIP ZOCA 95-18 BV

*Joint Petroleum Development Area* JPDA 95-18

### Air Liquide Australia Ltd

*South Australia* PPL21

### Allender J F

*South Australia* PEL 82

### Alliance Minerals Australia NL

*Queensland* PL21, PL22, PL27, PL64

*Western Australia* WA-6-R

### Alliance Petroleum Australia Pty Ltd

*South Australia* PPL170, PPL171, PPL172, PPL173, PPL174, PPL175, PPL176, PPL177, PPL178, PPL179, PPL180, PPL181, PPL184, PPL 6, PPL 7, PPL 8, PPL 9, PPL10, PPL101, PPL102, PPL103, PPL104, PPL105, PPL106, PPL107, PPL108, PPL109, PPL111, PPL110, PPL111, PPL112, PPL113, PPL114, PPL115, PPL116, PPL117, PPL12, PPL13, PPL14, PPL15, PPL16, PPL17, PPL18, PPL19, PPL20, PPL22, PPL23, PPL24, PPL25, PPL27, PPL28, PPL29, PPL30, PPL31, PPL32, PPL33, PPL34, PPL35, PPL37, PPL38, PPL39, PPL40, PPL41, PPL42, PPL43, PPL45, PPL46, PPL47, PPL48, PPL49, PPL50, PPL51, PPL52, PPL53, PPL54, PPL55, PPL56, PPL57, PPL58, PPL59, PPL60, PPL61, PPL63, PPL64, PPL65, PPL66, PPL67, PPL68, PPL69, PPL70, PPL71, PPL72, PPL73, PPL74, PPL75, PPL78, PPL79, PPL80, PPL81, PPL82, PPL83, PPL84, PPL85, PPL86, PPL87, PPL88, PPL89, PPL92, PPL94, PPL96, PPL96, PPL91, PPL93, PPL95, PPL97, PPL98, PPL99, PPL100, PPL119, PPL120, PPL124, PPL126, PPL127, PPL128, PPL132, PPL133, PPL134, PPL90, PPL130, PPL129, PPL135, PPL137, PPL138, PPL139, PPL140, PPL141, PPL143, PPL144, PPL145, PPL146, PPL148, PPL149, PPL150, PPL151, PPL153, PPL154, PPL155, PPL157, PPL159, PPL160, PPL161, PPL162, PPL163, PPL164, PPL165, PPL166, PPL183, PPL184, PPL185, PPL186, PPL188, PPL189, PPL190, PPL192, PPL193, PPL195, PPL196, PPL198, PPL199

### Alpha Oil & Gas PL

*Western Australia* WA-332-P, WA-333-P

### Alvin Hosking

*South Australia* PEL 82

### Amadeus Petroleum NL

*Western Australia* EP 380 R1

### Amity Oil NL

*Northern Territory* EP 66, RL 1

*Queensland* ATP598P

*Western Australia* EP 325 R2, EP 381 R1, EP 386 R1, EP 408

### Ampolex (PPL) Pty Ltd

*Western Australia* TL/2, WA-149-P R3, TP/ 7 R2

### Anadarko Australia Company Pty Ltd

*South Australia* EPP31, EPP28, EPP29, EPP30

### Angari Pty Ltd

*Queensland* ATP212P, PL21, PL22, PL27, PL30, PL56, PL64, PL71, PL74

### Antrim Energy Australia Inc.

*Western Australia* WA-306-P

### Antrim Energy Australia P/L

*Western Australia* WA-307-P

### Apache AE Pty Ltd

*Western Australia* WA-214-P R1

### Apache East Spar Pty Ltd

*Western Australia* WA-13-L

### Apache Harriet Pty Ltd

*Western Australia* TL/9, EP 358 R1, TL/5, TL/6, TL/8, TP/ 8 R2, WA-192-P R3, EP 307 R3, TR/1, TR/2

### Apache Kersail Pty Ltd

*Western Australia* WA-13-L

### Apache Lowendal Pty Ltd

*Western Australia* TL/9, EP 358 R1, TL/1, TL/5, TL/6, TL/8, TP/ 8 R2, WA-192-P R3, EP 307 R3, TR/1, TR/2

### Apache Miladin Pty Ltd

*Western Australia* TL/9, EP 358 R1, TL/1, TL/5, TL/6, TL/8, TP/ 8 R2, WA-192-P R3, EP 307 R3, TR/1, TR/2

### Apache Nasmah Pty Ltd

*Western Australia* TL/9, EP 358 R1, TL/1, TL/5, TL/6, TL/8, TP/ 8 R2, WA-192-P R3, EP 307 R3, TR/1, TR/2

### Apache Northwest Pty Ltd

*Western Australia* WA-254-P R1, WA-335-P, WA-325-P, WA-327-P, EP 358 R1, EP 395 R1, EP 408, EP 409, EP 410, EP 61 R6, L 1 R1, L 10, TL/1, TP/ 3 R2, TP/ 6 R2, WA-15-L, WA-1-P R6, WA-214-P R1, WA-226-P R1, WA-256-P R1, WA-257-P, WA-261-P R1, EP 411, EP 342 R2, WA-192-P R3, WA-20-L, WA-202-P R2, EP 307 R3, TR/1, TR/2, EP 341 R2, EP 363 R2, EP 403 R1, WA-209-P R2, WA-246-P R1, TR/3, TP/ 9 R2, WA-334-P

### Apache Oil Australia Pty Ltd

*Western Australia* EP 409, TL/2, WA-13-L, WA-149-P R3, WA-298-P, TP/ 7 R2

### Apex Oil NL

*New South Wales* PEL442

### APS Oil Pty Ltd

*Queensland* ATP548P

### Arc Energy NL

*Western Australia* WA-286-P, L 1 R1, L 2 R1, TP/15

### Arrow Energy NL

*New South Wales* PEL432

*Queensland* ATP683P, ATP678P, ATP679P, ATP686P

### Ashmore Oil Pty Ltd

*Territory of Ashmore and Cartier Islands Adjacent Area* AC/P22

*Western Australia* WA-316-P

### Associated Petroleum Pty Ltd

*Queensland* ATP336P, PL 3, PL 4, PL 5, PL 6, PL 7, PL 8, PL 9, PL10, PL11, PL12, PL13, PL28, PL69, PL89, PL93

### Ausam Resources NL

*Victoria* PEP166

*Western Australia* EP 23 R6, EP 321 R2, EP 407, EP 414 R1

### Ausoil Exploration Pty Ltd

*Western Australia* EP 422

### Aust Wandoo Petroleum Ltd

*Tasmania* T/18P R3

### Australian Coalbed Methane Pty Ltd

*New South Wales* PEL1, PEL10, PEL12, PEL286, PEL435, PEL436

*Queensland* ATP574P, ATP689P, ATP676P

### Australian Crude Oil Co. Inc

*South Australia* PEL 86, PEL 87, PEL 89

*Victoria* VIC/P53

### Australian Gasfields Ltd

*Queensland* PL189, ATP269P, ATP549P, PL23, PL24, PL25, PL26, PL35, PL36, PL62, PL65, PL76, PL77, PL78, PL79, PL82, PL87, PL105, PL107, PL115, PL116, PL109, PL149, PL133, PL175, PL181, PL182, PL184

### Australian Natural Gas PL

*Northern Territory* NT/P62, NT/P63, NT/P64

### Australian Petroleum Industries Pty Ltd

*Queensland* ATP544P

### AWE (Perth Basin) Ltd

*Western Australia* EP 320 R3, L 11, TP/15, EP 413 R1

### AWE Oil (WA) NL

*Western Australia* WA-286-P

### AWE Petroleum Ltd

*Tasmania* T/RL1 R2, T/18P R3

*Western Australia* EP 368 R2, WA-202-P R2

### Azeeza Pty Ltd

*Queensland* ATP593P

|                           |   |
|---------------------------|---|
| <b>Basin Oil NL</b>       |   |
| <i>Northern Territory</i> | NT/RL3  |
| <i>South Australia</i>    | PPL170, PPL171, PPL172, PPL173, PPL174, PPL175, PPL176, PPL177, PPL178, PPL179, PPL180, PPL181, PPL181, PPL44, PPL 6, PPL 7, PPL 8, PPL 9, PPL10, PPL101, PPL102, PPL103, PPL104, PPL105, PPL106, PPL107, PPL108, PPL109, PPL11, PPL110, PPL111, PPL112, PPL113, PPL114, PPL115, PPL116, PPL117, PPL12, PPL13, PPL14, PPL15, PPL16, PPL17, PPL18, PPL19, PPL20, PPL22, PPL23, PPL24, PPL25, PPL27, PPL28, PPL29, PPL30, PPL31, PPL32, PPL33, PPL34, PPL35, PPL37, PPL38, PPL39, PPL40, PPL41, PPL42, PPL43, PPL45, PPL46, PPL47, PPL48, PPL49, PPL50, PPL51, PPL52, PPL53, PPL54, PPL55, PPL56, PPL57, PPL58, PPL59, PPL60, PPL61, PPL63, PPL64, PPL65, PPL66, PPL67, PPL68, PPL69, PPL70, PPL71, PPL72, PPL73, PPL74, PPL75, PPL78, PPL79, PPL80, PPL81, PPL82, PPL83, PPL84, PPL85, PPL86, PPL87, PPL88, PPL89, PPL92, PPL94, PPL96, PPL36, PPL91, PPL93, PPL95, PPL97, PPL98, PPL99, PPL100, PPL119, PPL120, PPL124, PPL126, PPL127, PPL128, PPL132, PPL133, PPL134, PPL90, PPL130, PPL129, PPL135, PPL137, PPL138, PPL139, PPL140, PPL141, PPL143, PPL144, PPL145, PPL146, PPL148, PPL149, PPL150, PPL151, PPL153, PPL154, PPL155, PPL157, PPL159, PPL160, PPL161, PPL162, PPL163, PPL164, PPL165, PPL166, PPL183, PPL184, PPL185, PPL186, PPL188, PPL189, PPL190, PPL192, PPL193, PPL195, PPL196, PPL198, PPL199 |
| <i>Victoria</i>           | VIC/RL1(V)  |
| <i>Western Australia</i>  | WA-13-R   |

|                          |                  |
|--------------------------|------------------|
| <b>Basin Oil Pty Ltd</b> |                  |
| <i>Victoria</i>          | VIC/L21, VIC/RL3 |

|  |                  |
|--|------------------|
| <b>Bass Strait Oil Company Pty Ltd</b> |                  |
| <i>Victoria</i>                        | VIC/P41, VIC/P42 |

|                                 |                    |
|---------------------------------|--------------------|
| <b>Batavia Oil &amp; Gas PL</b> |                    |
| <i>Western Australia</i>        | WA-332-P, WA-333-P |

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| <b>Beach Oil &amp; Gas Pty Ltd</b> |                |
| <i>South Australia</i>             | PEL 82, PEL 83 |

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| <b>Beach Petroleum</b> |      |
| <i>Queensland</i>      | PL32 |

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| <b>Beach Petroleum NL</b> |  |
| <i>Queensland</i>         | ATP269P, PL31, PL47, PL184                       |
| <i>South Australia</i>    | PEL 92, PEL 94, PEL 95, PEL 135, PEL 136, PEL 66 |
| <i>Victoria</i>           | PPL 11, PEP154, PPL6, PPL9, PPL 10               |
| <i>Western Australia</i>  | WA-281-P, WA-282-P, WA-283-P                     |

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| <b>Beach Petroleum No Liability</b> |            |
| <i>Queensland</i>                   | PL32, PL47 |

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| <b>Beaconsfield Energy Development Pty Ltd</b> |         |
| <i>Queensland</i>                              | ATP529P |

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| <b>Benaris International NV</b> |       |
| <i>Tasmania</i>                 | T/30P |

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| <b>BHP Billiton (Australia) Pty Ltd</b>                       |  |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P30                                 |
| <i>Western Australia</i>                                      | WA-10-L, WA-12-L, WA-155-P R3, WA-12-R |

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| <b>BHP Billiton Petroleum (Bass Strait) Pty Ltd</b> |   |
| <i>Victoria</i>                                     | VIC/L 1, VIC/L 2, VIC/L 3, VIC/L 4, VIC/L 5, VIC/L 6, VIC/L 7, VIC/L 8, VIC/L 9 R1, VIC/L10, VIC/L11, VIC/L13, VIC/L14, VIC/L15, VIC/L16, VIC/L17, VIC/L18, VIC/L19, VIC/L20, VIC/RL4 |

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| <b>BHP Billiton Petroleum (North West Shelf) Pty Ltd</b>      |   |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/L5   |
| <i>Western Australia</i>                                      | WA-2-L R1, WA-6-L R1, WA-5-L R1, TP/ 4, WA-10-R R1, WA-11-L, WA-16-L, WA-1-L R1, WA-255-P R1, WA-28-P R6, WA-33-P R3, WA-3-L, WA-4-L, WA-7-R R1, WA-9-L, WA-9-R R1, WA-296-P, WA-275-P, WA-1-R R2, WA-18-L, WA-301-P, WA-302-P, WA-303-P, WA-304-P, WA-305-P, WA-23-L |

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| <b>BHP Billiton Petroleum (Victoria) Pty Ltd</b> |   |
| <i>Victoria</i>                                  | VIC/RL1, VIC/RL2, VIC/RL7, VIC/P45, VIC/L22 |

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| <b>BHP Coal Pty Ltd</b> |         |
| <i>Queensland</i>       | ATP364P |

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| <b>BHP Petroleum (North West Shelf) Pty Ltd</b> |                   |
| <i>Western Australia</i>                        | EP 36 R3, WA-24-L |

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| <b>BHP Steel (AIS) Pty Ltd</b> |            |
| <i>New South Wales</i>         | PML1, PML2 |

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| <b>Black Rock Petroleum NL</b> |           |
| <i>New South Wales</i>         | PEL425    |
| <i>Western Australia</i>       | EP 373 R1 |

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| <b>Black Rock Resources Australia NL</b> |        |
| <i>Western Australia</i>                 | EP 419 |

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| <b>Bligh Oil and Minerals NL</b> |         |
| <i>Queensland</i>                | ATP552P |

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| <b>BNG (Surat) Pty Ltd</b> |                                    |
| <i>Queensland</i>          | ATP722P, ATP645P, ATP684P, ATP693P |

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| <b>BNG Pty Ltd</b> |                           |
| <i>Queensland</i>  | ATP641P, ATP643P, ATP644P |

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| <b>Bobwyns Pty Ltd</b> |         |
| <i>Queensland</i>      | ATP621P |

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| <b>Boggy Creek Pty Ltd</b> |      |
| <i>Victoria</i>            | PPL3 |

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| <b>Bonaparte Gas &amp; Oil Pty Ltd</b> |                    |
| <i>Northern Territory</i>              | EP 66, NT/RL1      |
| <i>Western Australia</i>               | WA-18-P R5, WA-6-R |

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| <b>Bonaparte Gulf Oil &amp; Gas Pty Ltd</b> |           |
| <i>Northern Territory</i>                   | RL 1      |
| <i>Western Australia</i>                    | EP 386 R1 |

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| <b>Bonnerwell Pty Ltd</b> |         |
| <i>Queensland</i>         | ATP619P |

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| <b>Bounty Oil &amp; Gas NL</b>                                |                                     |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P25, AC/P27                      |
| <i>Western Australia</i>                                      | WA-325-P, WA-327-P, TP/15, WA-310-P |

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| <b>BP Developments Australia Pty Ltd</b> |   |
| <i>Western Australia</i>                 | WA-2-L R1, WA-6-L R1, WA-5-L R1, TP/ 4, EP 36 R3, WA-10-R R1, WA-11-L, WA-16-L, WA-1-L R1, WA-28-P R6, WA-33-P R3, WA-3-L, WA-4-L, WA-7-R R1, WA-9-L, WA-9-R R1, WA-23-L, WA-24-L |

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| <b>BP Exploration (Alpha) Ltd</b> |  |
| <i>Western Australia</i>          | WA-267-P, WA-294-P, WA-296-P, WA-297-P |

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| <b>BP Petroleum Developments (NWS) Pty Ltd</b> |          |
| <i>Western Australia</i>                       | WA-275-P |

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| <b>Bridge Oil Developments Pty Ltd</b> |   |
| <i>South Australia</i>                 | PPL170, PPL171, PPL172, PPL173, PPL174, PPL175, PPL176, PPL177, PPL178, PPL179, PPL180, PPL181, PPL44, PPL 6, PPL 7, PPL 8, PPL 9, PPL10, PPL101, PPL102, PPL103, PPL104, PPL105, PPL106, PPL107, PPL108, PPL109, PPL11, PPL110, PPL111, PPL112, PPL113, PPL114, PPL115, PPL116, PPL117, PPL12, PPL13, PPL14, PPL15, PPL16, PPL17, PPL18, PPL19, PPL20, PPL22, PPL23, PPL24, PPL25, PPL27, PPL28, PPL29, PPL30, PPL31, PPL32, PPL33, PPL34, PPL35, PPL37, PPL38, PPL39, PPL40, PPL41, PPL42, PPL43, PPL45, PPL46, PPL47, PPL48, PPL49, PPL50, PPL51, PPL52, PPL53, PPL54, PPL55, PPL56, PPL57, PPL58, PPL59, PPL60, PPL61, PPL63, PPL64, PPL65, PPL66, PPL67, PPL68, PPL69, PPL70, PPL71, PPL72, PPL73, PPL74, PPL75, PPL78, PPL79, PPL80, PPL81, PPL82, PPL83, PPL84, PPL85, PPL86, PPL87, PPL88, PPL89, PPL92, PPL94, PPL96, PPL36, PPL91, PPL93, PPL95, PPL97, PPL98, PPL99, PPL100, PPL119, PPL120, PPL124, PPL126, PPL127, PPL128, PPL132, PPL133, PPL134, PPL90, PPL130, PPL129, PPL135, PPL137, PPL138, PPL139, PPL140, PPL141, PPL143, PPL144, PPL145, PPL146, PPL148, PPL149, PPL150, PPL151, PPL153, PPL154, PPL155, PPL157, PPL159, PPL160, PPL161, PPL162, PPL163, PPL164, PPL165, PPL166, PPL183, PPL184, PPL185, PPL186, PPL188, PPL189, PPL190, PPL192, PPL193, PPL195, PPL196, PPL198, PPL199 |

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| <b>Bridge Oil Exploration Pty Ltd</b> |                           |
| <i>Queensland</i>                     | ATP212P, PL30, PL56, PL74 |
| <i>Victoria</i>                       | VIC/RL1(V)                |

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| <b>Brisbane Petroleum NL</b> |            |
| <i>Queensland</i>            | PL18, PL40 |

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| <b>British Borneo Australia Ltd</b> |         |
| <i>Western Australia</i>            | WA-22-L |

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| <b>Burns, Alan Robert</b> |                      |
| <i>Western Australia</i>  | EP 413 R1, EP 414 R1 |

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| <b>CalEnergy Gas (Aust) Ltd</b> |                           |
| <i>Tasmania</i>                 | T/30P, T/RL1 R2, T/18P R3 |
| <i>Victoria</i>                 | VIC/P43                   |
| <i>Western Australia</i>        | EP 411, EP 415, EP 389 R1 |

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| <b>Canso Resources Ltd</b> |                  |
| <i>Northern Territory</i>  | L3, L4, L5, RL 2 |

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| <b>Capital Consultant Services Pty Ltd</b> |                   |
| <i>Western Australia</i>                   | EP 321 R2, EP 407 |

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| <b>Capricorn Energy Pty Ltd</b> |         |
| <i>Queensland</i>               | ATP529P |

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| <b>Carnarvon Petroleum NL</b> |           |
| <i>Western Australia</i>      | EP 110 R4 |

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| <b>CH4 Pty Ltd</b> |                |
| <i>Queensland</i>  | PL191, ATP364P |

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| <b>Chevron Texaco (Aust) Ltd</b> |          |
| <i>Western Australia</i>         | WA-267-P |

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| <b>Chevron Texaco Aust Ltd</b> |   |
| <i>Western Australia</i>       | L 12, L 13, TR/4, EP 357 R2, WA-2-L R1, WA-6-L R1, WA-5-L R1, WA-16-R, WA-17-R, TP/ 4, EP 357 R1, EP 36 R3, EP 61 R6, EP 62 R6, L 10, L 1H R1, TL/3, TL/4, TL/7, TP/ 2 R2, WA-10-R R1, WA-11-L, WA-16-L, WA-1-L R1, WA-253-P R1, WA-28-P R6, WA-2-R R1, WA-33-P R3, WA-35-P R5, WA-3-L, WA-3-R R1, WA-4-L, WA-4-R R1, WA-5-R R1, WA-7-L, WA-7-R R1, WA-9-L, WA-9-R R1, WA-294-P, WA-296-P, WA-297-P, WA-275-P, WA-14-R, WA-15-R, WA-23-L, WA-24-L |

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| <b>Chevron Texaco Australia Ltd</b> |             |
| <i>Western Australia</i>            | WA-205-P R2 |

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| <b>Chimelle Petroleum Ltd</b> |  |
| <i>Queensland</i>             | ATP267P, PL33, PL50, PL51  |
| <i>Western Australia</i>      | WA-325-P, WA-327-P, WA-286-P, EP 104 R4, EP 368 R2, WA-226-P R1, EP 413 R1 |

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| <b>Coastal Oil &amp; Gas Australia 20 Pty Ltd</b>             |        |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P20 |

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| <b>Coastal Oil &amp; Gas Australia 21 Pty Ltd</b>             |        |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P21 |

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| <b>Coastal Oil &amp; Gas Australia 283 Pty Ltd</b> |          |
| <i>Western Australia</i>                           | WA-283-P |

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| <b>Cobrex Pty Ltd</b> |         |
| <i>Queensland</i>     | ATP587P |

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| <b>ConocoPhillips JPDA Pty Ltd</b>                            |  |
| <i>Joint Petroleum Development Area</i>                       | JPDA 91-13   |
| <b>ConocoPhillips Petroleum (91-12) Pty Ltd</b>               |  |
| <i>Joint Petroleum Development Area</i>                       | JPDA 91-12   |
| <b>ConocoPhillips Petroleum (96-20) Pty Ltd</b>               |  |
| <i>Joint Petroleum Development Area</i>                       | JPDA 96-20   |
| <b>ConocoPhillips (91-13) Pty Ltd</b>                         |  |
| <i>Joint Petroleum Development Area</i>                       | JPDA 91-13   |
| <b>ConocoPhillips (91-16) Pty Ltd</b>                         |  |
| <i>Joint Petroleum Development Area</i>                       | JPDA 96-16   |
| <b>ConocoPhillips (91-19) Pty Ltd</b>                         |  |
| <i>Joint Petroleum Development Area</i>                       | JPDA 95-19   |
| <b>Googee Resources Pty Ltd</b>                               |  |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/RL3   |
| <b>Cooper-Eromanga Oil Inc.</b>                               |  |
| <i>Queensland</i>   | ATP582P  |
| <b>Cosmo Oil Ashmore Ltd</b>                                  |  |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P17   |
| <b>Cosmo Oil Cartier Ltd</b>                                  |  |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P18   |
| <b>Coveyork Pty Ltd</b>                                       |  |
| <i>Western Australia</i>                                      | WA-274-P   |
| <b>CPC Energy Pty Ltd</b>                                     |  |
| <i>Queensland</i>   | ATP299P, PL29, PL38, PL39, PL52, PL57, PL95, PL169, PL170  |
| <b>Crusader (Victoria) Pty Ltd</b>                            |  |
| <i>Victoria</i>   | VIC/RL2  |
| <b>Cultus Petroleum NL</b>                                    |  |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/L1, AC/L2, AC/L3  |
| <b>Dana Petroleum (E&amp;P) Ltd</b>                           |  |
| <i>Western Australia</i>                                      | WA-226-P R1  |
| <b>Dana Petroleum (WA) LLC</b>                                |  |
| <i>Western Australia</i>                                      | WA-226-P R1  |
| <b>David M. Schuette</b>                                      |  |
| <i>South Australia</i>  | PEL 73   |
| <b>Daytona Energy Corporation</b>                             |  |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P32   |
| <i>Western Australia</i>                                      | WA-324-P   |
| <b>Delbaere Associates Pty Ltd</b>                            |  |
| <i>Queensland</i>   | PL18, PL40   |
| <b>Delhi Petroleum Pty Ltd</b>                                |  |
| <i>Queensland</i>   | PL187, PL188, PL189, PL151, PL152, PL155, PL156, ATP259P, PL23, PL24, PL25, PL26, PL34, PL35, PL36, PL37, PL55, PL58, PL59, PL60, PL61, PL62, PL63, PL68, PL75, PL76, PL77, PL78, PL79, PL80, PL81, PL82, PL83, PL84, PL85, PL86, PL87, PL88, PL105, PL106, PL107, PL108, PL109, PL110, PL111, PL113, PL114, PL97, PL130, PL131, PL132, PL135, PL136, PL139, PL149, PL150, PL112, PL129, PL133, PL134, PL137, PL138, PL140, PL141, PL142, PL146, PL147, PL143, PL144, PL145, PL148, PL153, PL154, PL157, PL158, PL159, PL168, PL175, PL181, PL182, PL177, PL178, PL186   |
| <i>South Australia</i>  | PPL170, PPL171, PPL172, PPL173, PPL174, PPL175, PPL176, PPL177, PPL178, PPL179, PPL180, PPL181, PPL182, PPL184, PPL 6, PPL 7, PPL 8, PPL 9, PPL10, PPL101, PPL102, PPL103, PPL104, PPL105, PPL106, PPL107, PPL108, PPL109, PPL11, PPL110, PPL111, PPL112, PPL113, PPL114, PPL115, PPL116, PPL117, PPL12, PPL13, PPL14, PPL15, PPL16, PPL17, PPL18, PPL19, PPL20, PPL22, PPL23, PPL24, PPL25, PPL26, PPL27, PPL28, PPL29, PPL30, PPL31, PPL32, PPL33, PPL34, PPL35, PPL37, PPL38, PPL39, PPL40, PPL41, PPL42, PPL43, PPL45, PPL46, PPL47, PPL48, PPL49, PPL50, PPL51, PPL52, PPL53, PPL54, PPL55, PPL56, PPL57, PPL58, PPL59, PPL60, PPL61, PPL63, PPL64, PPL65, PPL66, PPL67, PPL68, PPL69, PPL70, PPL71, PPL72, PPL73, PPL74, PPL75, PPL76, PPL77, PPL78, PPL79, PPL80, PPL81, PPL82, PPL83, PPL84, PPL85, PPL86, PPL87, PPL88, PPL89, PPL92, PPL94, PPL96, PPL36, PPL91, PPL93, PPL95, PPL97, PPL98, PPL99, PPL100, PPL118, PPL119, PPL120, PPL121, PPL122, PPL123, PPL124, PPL125, PPL126, PPL127, PPL128, PPL132, PPL133, PPL134, PPL135, PPL136, PPL137, PPL138, PPL139, PPL140, PPL141, PPL142, PPL143, PPL144, PPL145, PPL146, PPL147, PPL148, PPL149, PPL150, PPL151, PPL152, PPL153, PPL154, PPL155, PPL156, PPL157, PPL158, PPL159, PPL160, PPL161, PPL162, PPL163, PPL164, PPL165, PPL166, PPL167, PPL131, PPL183, PPL184, PPL185, PPL186, PPL188, PPL189, PPL190, PPL192, PPL193, PPL195, PPL196, PPL198, PPL199, PPL187, PPL191, PPL194, PPL197 |
| <b>Discovery Geo (Australia) Corporation</b>                  |  |
| <i>Queensland</i>   | ATP550P  |
| <b>Drillsearch Energy NL</b>                                  |  |
| <i>Queensland</i>   | PL189, ATP299P, PL23, PL24, PL25, PL26, PL29, PL35, PL36, PL38, PL39, PL52, PL57, PL62, PL76, PL77, PL78, PL79, PL82, PL87, PL105, PL107, PL109, PL95, PL149, PL133, PL169, PL170, PL175, PL181, PL182   |
| <i>Western Australia</i>                                      | WA-317-P, WA-318-P, WA-319-P   |

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| <b>Dyad-Australia Inc.</b>                                    |   |
| <i>Queensland</i>   | ATP554P   |
| <b>Eagle Bay Resources NL</b>                                 |   |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P32  |
| <i>Victoria</i>   | VIC/P41, VIC/P47  |
| <i>Western Australia</i>                                      | WA-331-P, EP 423  |
| <b>Eastern Energy Australia Pty Ltd</b>                       |   |
| <i>New South Wales</i>  | PEL238, PEL6, PEL422  |
| <b>Eastern Star Gas Ltd</b>                                   |   |
| <i>New South Wales</i>  | PEL434, PEL8, PEL433  |
| <b>Emet Pty Ltd</b>   |   |
| <i>Joint Petroleum Development Area</i>                       | JPDA 91-12  |
| <b>Empire Oil Company (WA) Ltd</b>                            |   |
| <i>Western Australia</i>                                      | EP 381 R1, EP 405, EP 411, EP 414 R1, EP 415, EP 416, EP 389 R1   |
| <b>EnCana Corporation</b>                                     |   |
| <i>South Australia</i>  | EPP31, EPP28, EPP30   |
| <i>Victoria</i>   | VIC/P48, VIC/P49  |
| <i>Western Australia</i>                                      | WA-278-P  |
| <b>Encana International (Australia) Pty Ltd</b>               |   |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P24, AC/P30  |
| <i>Western Australia</i>                                      | WA-298-P, WA-22-L   |
| <b>Encona Corporation</b>                                     |   |
| <i>South Australia</i>  | EPP29   |
| <b>Essential Petroleum Resources Ltd</b>                      |   |
| <i>South Australia</i>  | PEL 72  |
| <i>Victoria</i>   | VIC/P50, PEP159, PEP152, PEP151, VIC/P46  |
| <b>Esso Australia Resources Ltd</b>                           |   |
| <i>Victoria</i>   | VIC/L 1, VIC/L 2, VIC/L 3, VIC/L 4, VIC/L 5, VIC/L 6, VIC/L 7, VIC/L 8, VIC/L 9 R1, VIC/L10, VIC/L11, VIC/L13, VIC/L14, VIC/L15, VIC/L16, VIC/L17, VIC/L18, VIC/L19, VIC/L20, VIC/RL1, VIC/RL2, VIC/RL4 |
| <i>Western Australia</i>                                      | WA-1-R R2   |
| <b>Euro Pacific Energy Pty Ltd</b>                            |   |
| <i>Western Australia</i>                                      | EP 369 R1, EP 406, EP 413 R1, EP 414 R1, EP 110 R4  |
| <b>Falcore Pty Ltd</b>  |   |
| <i>Western Australia</i>                                      | EP 410  |
| <b>Farmout Drillers Pty Ltd</b>                               |   |
| <i>Northern Territory</i>                                     | L3, L4, L5, RL 2  |
| <b>First Australian Resources Limited</b>                     |   |
| <i>Western Australia</i>                                      | EP 395 R1   |
| <b>First Australian Resources NL</b>                          |   |
| <i>Western Australia</i>                                      | WA-254-P R1, EP 104 R4, EP 397  |
| <b>First Sourced Energy Group Inc.</b>                        |   |
| <i>New South Wales</i>  | PEL424  |
| <b>Flare Petroleum NL</b>                                     |   |
| <i>New South Wales</i>  | PEP 11  |
| <i>Western Australia</i>                                      | EP 412  |
| <b>Frontier Bonaparte Pty Ltd</b>                             |   |
| <i>Northern Territory</i>                                     | EP 66, RL 1, NT/RL3   |
| <i>Western Australia</i>                                      | EP 386 R1   |
| <b>Frontier Exploration Ltd</b>                               |   |
| <i>Western Australia</i>                                      | WA-13-R   |
| <b>Geary, John Kevin</b>                                      |   |
| <i>Western Australia</i>                                      | EP 321 R2, EP 325 R2, EP 413 R1   |
| <b>Geopetro Resources Company</b>                             |   |
| <i>Northern Territory</i>                                     | EP 66   |
| <i>Western Australia</i>                                      | EP 381 R1, EP 386 R1, EP 408  |
| <b>Globex Far East</b>  |   |
| <i>Western Australia</i>                                      | WA-15-L, WA-256-P R1, WA-209-P R2, WA-246-P R1  |
| <b>Go Resources (Aust) Pty Ltd</b>                            |   |
| <i>New South Wales</i>  | PEL419, PEL420  |
| <b>Goldborough Energy PL</b>                                  |   |
| <i>Western Australia</i>                                      | WA-332-P, WA-333-P  |
| <b>Golden West Hydrocarbons Pty Ltd</b>                       |   |
| <i>Queensland</i>   | PL17  |
| <b>Goodrich Petroleum Company</b>                             |   |
| <i>Western Australia</i>                                      | EP 395 R1, EP 397   |
| <b>Great Artesian Oil &amp; Gas Ltd</b>                       |   |
| <i>South Australia</i>  | PEL 91, EPP27   |
| <b>Great Southland Minerals Pty Ltd</b>                       |   |
| <i>Tasmania</i>   | EL13/98   |
| <b>Great Southland Petroleum Pty Ltd</b>                      |   |
| <i>New South Wales</i>  | PEL238  |
| <b>Gulf Energy Pty Ltd</b>                                    |   |
| <i>Queensland</i>   | Q/23P   |
| <b>Gulliver Productions Pty Ltd</b>                           |   |
| <i>Western Australia</i>                                      | EP 104 R4, EP 410   |

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| <b>Hardman Oil and Gas Pty Ltd</b>                            |   |
| <i>Western Australia</i>                                      | EP 321 R2, EP 368 R2, L 4, L 5, TP/15, EP 413 R1, EP 110 R4   |
| <b>Harlow Australia Pty Ltd</b>                               |   |
| <i>New South Wales</i>  | PEL443  |
| <i>Queensland</i>   | ATP618P   |
| <b>Hawkestone Oil PL</b>                                      |   |
| <i>Western Australia</i>                                      | WA-332-P, WA-333-P  |
| <b>Helm Energy Australia LLC</b>                              |   |
| <i>Queensland</i>   | ATP564P   |
| <b>Hughes, Dan Allen</b>                                      |   |
| <i>Western Australia</i>                                      | EP 325 R2   |
| <b>Hughes, Dudley Joe</b>                                     |   |
| <i>Western Australia</i>                                      | EP 325 R2   |
| <b>Hyland Bay Pty Ltd</b>                                     |   |
| <i>Queensland</i>   | ATP552P   |
| <b>IB Resources Pty Ltd</b>                                   |   |
| <i>Western Australia</i>                                      | WA-292-P  |
| <b>Icon Energy Ltd</b>  |   |
| <i>Queensland</i>   | ATP594P, ATP610P, ATP648P, ATP649P  |
| <i>Western Australia</i>                                      | WA-331-P, EP 423, TP/21   |
| <b>Idemitsu Oil Exploration (Barrow) Pty Ltd</b>              |   |
| <i>Western Australia</i>                                      | WA-264-P R1   |
| <b>Indigo Oil Pty Ltd</b>                                     |   |
| <i>Western Australia</i>                                      | EP 104 R4, EP 410   |
| <b>Indo-Pacific Energy Australia Ltd</b>                      |   |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P19, AC/P26, AC/P31  |
| <b>Inland Oil (Production) Pty Ltd</b>                        |   |
| <i>Queensland</i>   | PL189, ATP269P, PL23, PL24, PL25, PL26, PL35, PL36, PL62, PL76, PL77, PL78, PL79, PL82, PL87, PL98, PL105, PL107, PL109, PL149, PL133, PL175, PL181, PL182, PL184                               |
| <b>Innovative Technological Geo-Exploration Pty Ltd</b>       |   |
| <i>Northern Territory</i>                                     | EP 69   |
| <i>Queensland</i>   | PL98  |
| <b>Inpex Alpha Ltd</b>  |   |
| <i>Tasmania</i>   | T/33P   |
| <i>Victoria</i>   | VIC/P51, VIC/P52, VIC/P45   |
| <i>Western Australia</i>                                      | WA-10-L, WA-311-P   |
| <b>Inpex Browse Ltd</b>                                       |   |
| <i>Western Australia</i>                                      | WA-285-P, WA-288-P  |
| <b>Inpex Indonesia Petroleum</b>                              |   |
| <i>Victoria</i>   | VIC/P42   |
| <b>Inpex Sahul Ltd</b>  |   |
| <i>Joint Petroleum Development Area</i>                       | JPDA 91-12  |
| <b>Inpex Timor Sea Ltd</b>                                    |   |
| <i>Joint Petroleum Development Area</i>                       | JPDA 91-01  |
| <b>Interstate Pipelines Pty Ltd</b>                           |   |
| <i>Queensland</i>   | ATP336P, PL 3, PL 4, PL 5, PL 6, PL 7, PL 8, PL 9, PL10, PL11, PL12, PL13, PL28, PL69, PL89, PL93   |
| <b>IOR Exploration (NT) Pty Ltd</b>                           |   |
| <i>Northern Territory</i>                                     | EP 69   |
| <b>IOR Exploration Pty Ltd</b>                                |   |
| <i>Queensland</i>   | ATP548P, PL98   |
| <b>Jagen Nominees Pty Ltd</b>                                 |   |
| <i>Western Australia</i>                                      | EP 380 R1   |
| <b>Jakabar Pty Ltd</b>  |   |
| <i>Queensland</i>   | ATP626P   |
| <b>Japan Australia LNG (MIMI) Pty Ltd</b>                     |   |
| <i>Western Australia</i>                                      | WA-2-L R1, WA-6-L R1, WA-5-L R1, WA-10-R R1, WA-11-L, WA-16-L, WA-1-L R1, WA-28-P R6, WA-3-L, WA-4-L, WA-7-R R1, WA-9-L, WA-9-R R1, WA-294-P, WA-296-P, WA-297-P, WA-248-P R1, WA-23-L, WA-24-L |
| <b>JED North West Shelf Pty Ltd</b>                           |   |
| <i>Western Australia</i>                                      | EP 137 R4   |
| <b>Karoon Gas Pty Ltd</b>                                     |   |
| <i>Victoria</i>   | PEP162  |
| <b>Kerr McGee NW Shelf Energy Australia Pty Ltd</b>           |   |
| <i>Western Australia</i>                                      | WA-337-P, WA-339-P, WA-295-P  |
| <b>Kerr-McGee NW Shelf Australia Energy Pty Ltd</b>           |   |
| <i>Western Australia</i>                                      | WA-276-P, WA-277-P, WA-278-P, WA-301-P, WA-302-P, WA-303-P, WA-304-P, WA-305-P  |
| <b>Kimberley Oil NL</b>                                       |   |
| <i>Western Australia</i>                                      | EP 366 R1, EP 371 R1, EP 390 R1, EP 391 R1  |
| <b>Kingston Petroleum Pty Ltd</b>                             |   |
| <i>Queensland</i>   | ATP682P   |
| <b>Knight Industries Pty Ltd</b>                              |   |
| <i>Victoria</i>   | PEP165, PEP161  |

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| <b>Kufpec Australia Pty Ltd</b>                               |  |
| <i>Western Australia</i>                                      | EP 408, EP 409, EP 410, EP 61 R6, L 1 R1, L 10, TP/ 3 R2, WA-191-P R3, WA-8-L, EP 411, WA-192-P R3, EP 307 R3, TR/1, TR/2, EP 363 R2, WA-246-P R1  |
| <b>Lakes Oil NL</b>   |  |
| <i>South Australia</i>  | PEL 57   |
| <i>Victoria</i>   | PEP152   |
| <b>Lansvale Oil and Gas Pty Ltd</b>                           |  |
| <i>Western Australia</i>                                      | EP 359 R1, EP 41 R5  |
| <b>Liberty Petroleum Corporation</b>                          |  |
| <i>Queensland</i>   | ATP616P  |
| <i>South Australia</i>  | PEL 88   |
| <i>Western Australia</i>                                      | WA-314-P, WA-315-P   |
| <b>Lowell Petroleum NL</b>                                    |  |
| <i>Queensland</i>   | ATP564P  |
| <b>Magellan Petroleum (Eastern) Pty Ltd</b>                   |  |
| <i>Queensland</i>   | ATP613P  |
| <b>Magellan Petroleum (NT) Pty Ltd</b>                        |  |
| <i>Northern Territory</i>                                     | L3, L4, L5, RL 2   |
| <i>South Australia</i>  | PEL 94, PEL 95   |
| <b>Magellan Petroleum (WA) Pty Ltd</b>                        |  |
| <i>Western Australia</i>                                      | WA-287-P, WA-288-P, WA-291-P, WA-306-P, WA-307-P, WA-311-P   |
| <b>Magnum Gold NL</b>   |  |
| <i>New South Wales</i>  | PEL440, PEL439   |
| <b>Maneroo Oil Company Ltd</b>                                |  |
| <i>Queensland</i>   | ATP556P, ATP566P   |
| <b>Maple Oil NL</b>   |  |
| <i>Queensland</i>   | ATP552P  |
| <b>Mawson Oil NL</b>  |  |
| <i>Queensland</i>   | PL175  |
| <i>South Australia</i>  | PEL 90   |
| <b>Mawson Petroleum NL</b>                                    |  |
| <i>Queensland</i>   | PL189, ATP548P, PL23, PL24, PL25, PL26, PL31, PL32, PL35, PL36, PL47, PL62, PL76, PL77, PL78, PL79, PL82, PL87, PL105, PL107, PL109, PL149, PL133, PL181, PL182  |
| <b>Metgasco Pty Ltd</b>                                       |  |
| <i>New South Wales</i>  | PEL16  |
| <b>Midland Exploration Pty Ltd</b>                            |  |
| <i>Queensland</i>   | ATP548P  |
| <b>Millennium Resources Qld Pty Ltd</b>                       |  |
| <i>Queensland</i>   | ATP587P  |
| <b>Mirboo Ridge Pty Ltd</b>                                   |  |
| <i>South Australia</i>  | PEL 57   |
| <i>Victoria</i>   | PEP163, PEP164   |
| <b>Mobil (Legendre) Pty Ltd</b>                               |  |
| <i>Western Australia</i>                                      | WA-14-L  |
| <b>Mobil Australia Resources Company Pty Ltd</b>              |  |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/L1, AC/L2, AC/L3  |
| <i>Western Australia</i>                                      | L 12, L 13, TR/4, EP 357 R2, WA-16-R, WA-25-L, EP 357 R1, EP 61 R6, EP 62 R6, L 10, L 11 R1, TL/3, TL/4, TL/7, TP/ 2 R2, WA-12-L, WA-155-P R3, WA-267-P, WA-2-R R1, WA-3-R R1, WA-4-R R1, WA-5-R R1, WA-7-L, WA-8-L, WA-12-R, WA-17-L, WA-22-L, WA-14-R, WA-205-P R2 |
| <b>Mobil Explor and Prod Aust P/L</b>                         |  |
| <i>Western Australia</i>                                      | WA-18-R  |
| <b>Mobil Exploration and Producing Australia Pty Ltd</b>      |  |
| <i>Western Australia</i>                                      | WA-10-L, WA-268-P, WA-217-P R1, WA-298-P   |
| <b>Moonie Oil NL</b>  |  |
| <i>Queensland</i>   | PL176  |
| <b>Moonie Oil Pty Ltd</b>                                     |  |
| <i>Northern Territory</i>                                     | L4, L5, RL 2   |
| <i>Queensland</i>   | ATP267P, PL33, PL50, PL51  |
| <b>Moroil Pty Ltd</b>   |  |
| <i>Northern Territory</i>                                     | EP 69  |
| <i>Queensland</i>   | PL98   |
| <b>Mosaic Oil NL</b>  |  |
| <i>Queensland</i>   | ATP212P, PL30, PL46, PL56, PL74, PL119   |
| <i>Western Australia</i>                                      | WA-208-P R2  |
| <b>Mosaic Oil QLD Pty Ltd</b>                                 |  |
| <i>Queensland</i>   | ATP212P, ATP244P, ATP471P, PL48, PL49, PL56, PL66, PL74, PL119, PL15, PL16, ATP709P  |
| <b>National Oil &amp; Gas PL</b>                              |  |
| <i>Northern Territory</i>                                     | NT/P62, NT/P63, NT/P64   |
| <b>Nations Natural Gas PL</b>                                 |  |
| <i>Northern Territory</i>                                     | NT/P62, NT/P63, NT/P64   |
| <b>Nerdlhic Company Inc.</b>                                  |  |
| <i>Western Australia</i>                                      | EP 374 R1, EP 375 R1, EP 376 R1  |
| <b>New Standard Exploration NL</b>                            |  |
| <i>Western Australia</i>                                      | EP 417   |
| <b>New World Oil &amp; Developments Pty Ltd</b>               |  |
| <i>Western Australia</i>                                      | WA-192-P R3  |

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| <b>Newfield Australia (Ashmore Cartier) Pty Ltd</b>           |   |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/L1, AC/P18, AC/RL3   |
| <b>Newfield Australia (Cartier) Pty Ltd</b>                   |   |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/L2, AC/L3, AC/P20  |
| <b>Nexen Petroleum Australia Pty Ltd</b>                      |   |
| <i>Northern Territory</i>                                     | NT/P58, NT/P59  |
| <i>Western Australia</i>                                      | WA-19-L, WA-21-L, WA-239-P R1   |
| <b>Nippon Oil Exploration (Dampier) Pty Ltd</b>               |   |
| <i>Western Australia</i>                                      | WA-191-P R3   |
| <b>Nippon Oil Exploration (Vulcan) Pty Ltd</b>                |   |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P23  |
| <b>Novus Australia Resources NL</b>                           |   |
| <i>South Australia</i>  | PPL170, PPL171, PPL172, PPL173, PPL174, PPL175, PPL176, PPL177, PPL178, PPL179, PPL180, PPL181, PPL182, PPL183, PPL184, PPL185, PPL186, PPL187, PPL188, PPL189, PPL190, PPL191, PPL192, PPL193, PPL194, PPL195, PPL196, PPL197, PPL198, PPL199, PPL200, PPL201, PPL202, PPL203, PPL204, PPL205, PPL206, PPL207, PPL208, PPL209, PPL210, PPL211, PPL212, PPL213, PPL214, PPL215, PPL216, PPL217, PPL218, PPL219, PPL220, PPL221, PPL222, PPL223, PPL224, PPL225, PPL226, PPL227, PPL228, PPL229, PPL230, PPL231, PPL232, PPL233, PPL234, PPL235, PPL236, PPL237, PPL238, PPL239, PPL240, PPL241, PPL242, PPL243, PPL244, PPL245, PPL246, PPL247, PPL248, PPL249, PPL250, PPL251, PPL252, PPL253, PPL254, PPL255, PPL256, PPL257, PPL258, PPL259, PPL260, PPL261, PPL262, PPL263, PPL264, PPL265, PPL266, PPL267, PPL268, PPL269, PPL270, PPL271, PPL272, PPL273, PPL274, PPL275, PPL276, PPL277, PPL278, PPL279, PPL280, PPL281, PPL282, PPL283, PPL284, PPL285, PPL286, PPL287, PPL288, PPL289, PPL290, 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| <b>NWE (ZOCA 96-16) Pty Ltd</b>                               |   |
| <i>Joint Petroleum Development Area</i>                       | JPDA 96-16  |
| <b>Octanex NL</b>   |   |
| <i>Western Australia</i>                                      | WA-329-P, WA-330-P, WA-321-P, WA-322-P, WA-323-P  |
| <b>Odyssey International Pty Ltd</b>                          |   |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P19, AC/P31  |
| <b>Oil Company of Australia (Moura) Pty Ltd</b>               |   |
| <i>Queensland</i>   | ATP564P, ATP602P, PL101, PL94   |
| <b>Oil Company of Australia Ltd</b>                           |   |
| <i>Queensland</i>   | PL189, ATP663P, ATP212P, ATP337P, ATP375P, ATP470P, ATP553P, ATP584P, ATP592P, ATP606P, ATP623P, PL101, PL14, PL21, PL22, PL27, PL28, PL30, PL41, PL42, PL43, PL44, PL45, PL53, PL54, PL56, PL64, PL67, PL69, PL70, PL71, PL74, PL89, PL173, PL174, ATP692P, PL183, ATP631P, ATP698   |
| <i>South Australia</i>  | PEL 27  |
| <b>Oil Investments Ltd</b>                                    |   |
| <i>Queensland</i>   | PL21, PL22, PL27, PL28, PL69, PL89  |
| <b>Oil Search (Australia) Pty Ltd</b>                         |   |
| <i>Western Australia</i>                                      | WA-281-P  |
| <b>Oil Wells of Kentucky Inc.</b>                             |   |
| <i>Queensland</i>   | ATP560P   |
| <b>Omega Oil NL</b>   |   |
| <i>South Australia</i>  | PEL 32, PPL62, PPL168   |
| <b>OMV Barrow Pty Ltd</b>                                     |   |
| <i>Western Australia</i>                                      | WA-290-P, EP 409  |
| <b>OMV Beagle Pty Ltd</b>                                     |   |
| <i>Western Australia</i>                                      | WA-292-P  |
| <b>OMV Petroleum Pty Ltd</b>                                  |   |
| <i>Western Australia</i>                                      | WA-13-R, WA-308-P, WA-309-P, WA-320-P   |
| <b>OMV Timor Sea Pty Ltd</b>                                  |   |
| <i>Northern Territory</i>                                     | NT/RL3  |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P17, AC/P18, AC/P4 R4, AC/P24  |
| <i>Victoria</i>   | VIC/L21   |
| <i>Western Australia</i>                                      | WA-13-R, WA-308-P, WA-309-P, WA-320-P   |
| <b>Origin Energy Amadeus NL</b>                               |   |
| <i>Western Australia</i>                                      | L 9   |
| <b>Origin Energy Bonaparte Pty Ltd</b>                        |   |
| <i>Northern Territory</i>                                     | NT/RL1  |
| <i>Western Australia</i>                                      | WA-6-R  |
| <b>Origin Energy Developments Pty Ltd</b>                     |   |
| <i>Western Australia</i>                                      | EP 320 R3, EP 321 R2, EP 368 R2, L 1 R1, L 11, L 2 R1, EP 413 R1  |
| <b>Origin Energy Petroleum Pty Ltd</b>                        |   |
| <i>Victoria</i>   | PEP159, PEP152, PEP160, PPL8  |
| <i>Western Australia</i>                                      | L 9   |

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| <b>Origin Energy Resources Ltd</b>                            |  |
| <i>Queensland</i>   | PL187, PL188, PL151, PL152, PL155, PL59, PL60, PL61, PL81, PL83, PL85, PL86, PL106, PL108, PL111, PL113, PL114, PL97, PL131, PL132, PL135, PL139, PL112, PL138, PL141, PL146, PL147, PL145, PL148, PL153, PL154, PL157, PL158, PL177   |
| <i>South Australia</i>  | PEL 83, PPL170, PPL171, PPL172, PPL173, PPL174, PPL175, PPL176, PPL177, PPL178, PPL179, PPL180, PPL181, PPL182, PEL 27, PEL 32, PEL 57, PEL 66, PPL44, PPL 6, PPL 7, PPL 8, PPL 9, PPL10, PPL101, PPL102, PPL103, PPL104, PPL105, PPL106, PPL107, PPL108, PPL109, PPL11, PPL110, PPL111, PPL112, PPL113, PPL114, PPL115, PPL116, PPL117, PPL12, PPL13, PPL14, PPL15, PPL16, PPL17, PPL18, PPL19, PPL20, PPL22, PPL23, PPL24, PPL25, PPL26, PPL27, PPL28, PPL29, PPL30, PPL31, PPL32, PPL33, PPL34, PPL35, PPL37, PPL38, PPL39, PPL40, PPL41, PPL42, PPL43, PPL45, PPL46, PPL47, PPL48, PPL49, PPL50, PPL51, PPL52, PPL53, PPL54, PPL55, PPL56, PPL57, PPL58, PPL59, PPL60, PPL61, PPL62, PPL63, PPL64, PPL65, PPL66, PPL67, PPL68, PPL69, PPL70, PPL71, PPL72, PPL73, PPL74, PPL75, PPL76, PPL77, PPL78, PPL79, PPL80, PPL81, PPL82, PPL83, PPL84, PPL85, PPL86, PPL87, PPL88, PPL89, PPL92, PPL94, PPL96, PPL96, PPL91, PPL93, PPL95, PPL97, PPL98, PPL99, PPL100, PPL118, PPL119, PPL120, PPL121, PPL122, PPL123, PPL124, PPL125, PPL126, PPL127, PPL128, PPL132, PPL133, PPL134, PPL130, PPL129, PPL135, PPL136, PPL137, PPL138, PPL139, PPL140, PPL141, PPL142, PPL143, PPL144, PPL145, PPL146, PPL147, PPL148, PPL149, PPL150, PPL151, PPL152, PPL153, PPL154, PPL155, PPL156, PPL157, PPL158, PPL159, PPL160, PPL161, PPL162, PPL163, PPL164, PPL165, PPL166, PPL167, PPL168, PPL131, PPL183, PPL184, PPL185, PPL186, PPL188, PPL189, PPL190, PPL192, PPL193, PPL195, PPL196, PPL198, PPL199, PPL187, PPL191, PPL194, PPL197 |
| <i>Tasmania</i>   | T/30P, T/RL1 R2, T/18P R3  |
| <i>Victoria</i>   | VIC/P43  |
| <b>Origin Northwest Ltd</b>                                   |  |
| <i>Tasmania</i>   | T/RL1 R2   |
| <b>Osaka Gas Australia Pty Ltd</b>                            |  |
| <i>Joint Petroleum Development Area</i>                       | JPDA 95-19, JPDA 96-20   |
| <i>Northern Territory</i>                                     | NT/P48, NT/RL2, NT/P55   |
| <b>Otway Resources Pty Ltd</b>                                |  |
| <i>South Australia</i>  | EPP24  |
| <b>Oz-Exoil NL</b>  |  |
| <i>Northern Territory</i>                                     | NT/P60   |
| <b>Pace Petroleum Pty Ltd</b>                                 |  |
| <i>Western Australia</i>                                      | EP 359 R1, EP 41 R5  |
| <b>Pacific Power</b>  |  |
| <i>New South Wales</i>  | PEL13, PEL285, PEL4, PEL426  |
| <b>Pagehurst Pty Ltd</b>                                      |  |
| <i>Queensland</i>   | ATP567P  |
| <b>Pan Canadian Petroleum Ltd</b>                             |  |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P18   |
| <b>Pan Continental Oil and Gas NL</b>                         |  |
| <i>Western Australia</i>                                      | WA-340-P, WA-312-P   |
| <b>Pan Pacific Petroleum (South Aust) Pty Ltd</b>             |  |
| <i>Western Australia</i>                                      | TL/2, WA-149-P R3, EP 110 R4, TP/ 7 R2, WA-246-P R1  |
| <b>Pan Pacific Petroleum NL</b>                               |  |
| <i>Western Australia</i>                                      | WA-254-P R1, L 9   |
| <b>PanCanadian Petroleum Ltd</b>                              |  |
| <i>Western Australia</i>                                      | WA-276-P, WA-277-P   |
| <b>Pangaea Oil and Gas Pty Ltd</b>                            |  |
| <i>New South Wales</i>  | PEL437   |
| <i>Queensland</i>   | ATP620P  |
| <b>Pannonian International Ltd</b>                            |  |
| <i>New South Wales</i>  | PEL438   |
| <b>Petro Energy Pty Ltd</b>                                   |  |
| <i>Western Australia</i>                                      | L 7  |
| <b>Petromin NL</b>  |  |
| <i>Northern Territory</i>                                     | L4, L5   |
| <i>Queensland</i>   | ATP269P, PL17  |
| <b>Petromin Pty Ltd</b>                                       |  |
| <i>Northern Territory</i>                                     | RL 2   |
| <i>Queensland</i>   | PL31, PL32, PL47, PL184  |
| <b>Petrotech Pty Ltd</b>                                      |  |
| <i>Victoria</i>   | PEP166, PEP155, PEP156, PEP157, PEP158   |
| <b>Petroz (Timor Sea) Pty Ltd</b>                             |  |
| <i>Joint Petroleum Development Area</i>                       | JPDA 91-12   |
| <b>Petroz NL</b>  |  |
| <i>Western Australia</i>                                      | WA-336-P, WA-281-P, WA-282-P, WA-283-P   |
| <b>Phillips Oil Company Australia</b>                         |  |
| <i>Western Australia</i>                                      | WA-17-L  |
| <b>Phillips Petroleum (00-21) Pty Ltd</b>                     |  |
| <i>Joint Petroleum Development Area</i>                       | JPDA 00-21   |
| <b>Phillips Petroleum Timor Sea Pty Ltd</b>                   |  |
| <i>Joint Petroleum Development Area</i>                       | JPDA 91-13   |
| <b>Phillips STL Pty Ltd</b>                                   |  |
| <i>Northern Territory</i>                                     | NT/RL2, NT/P55   |
| <b>Planet Gas</b>   |  |
| <i>New South Wales</i>  | PEL428   |



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| <b>Shell Development (PSC 20) Pty Ltd</b>                     |   |
| <i>Joint Petroleum Development Area</i> JPDA 96-20            |   |
| <b>Shogoil Australia Pty Ltd</b>                              |   |
| <i>Queensland</i>   | ATP578P   |
| <b>SK Corporation</b>   |   |
| <i>Western Australia</i>                                      | WA-338-P, WA-276-P, WA-277-P, WA-278-P  |
| <b>Southern Amity Inc.</b>                                    |   |
| <i>Western Australia</i>                                      | EP 381 R1, EP 408   |
| <b>Springfield Oil &amp; Gas Ltd</b>                          |   |
| <i>Western Australia</i>                                      | EP 325 R2   |
| <b>St. Barbara Mines Ltd</b>                                  |   |
| <i>New South Wales</i>  | PEL13, PEL426   |
| <b>Starzap Pty Ltd</b>  |   |
| <i>Queensland</i>   | ATP647P   |
| <b>Strata Resources NL</b>                                    |   |
| <i>Western Australia</i>                                      | WA-329-P, WA-330-P, WA-321-P, WA-322-P, WA-323-P  |
| <b>Strike Oil NL</b>  |   |
| <i>New South Wales</i>  | PEL427, PEL428  |
| <i>Victoria</i>   | VIC/P44   |
| <i>Western Australia</i>                                      | EP 421, TP/19, WA-340-P, WA-261-P R1, TP/17, WA-312-P, EP 420, TP/18  |
| <b>Stuart Petroleum NL</b>                                    |   |
| <i>South Australia</i>  | PEL 102, PEL 90, PEL 93   |
| <b>Sun Resources NL</b>                                       |   |
| <i>Western Australia</i>                                      | WA-340-P, WA-254-P R1, EP 325 R2, EP 359 R1, EP 395 R1, WA-261-P R1, WA-312-P   |
| <b>Sunoco Inc. of Australia</b>                               |   |
| <i>Queensland</i>   | ATP692P   |
| <b>Sweetpea Corporation Pty Ltd</b>                           |   |
| <i>Northern Territory</i>                                     | EP 76   |
| <b>Sydney Gas Operations Pty Ltd</b>                          |   |
| <i>New South Wales</i>  | PEL2, PEL267, PEL4, PEL5, PEL441  |
| <b>Sykes Ian Grant</b>  |   |
| <i>Queensland</i>   | PL72, PL73  |
| <b>Tap (Harriet) Pty Ltd</b>                                  |   |
| <i>Western Australia</i>                                      | EP 408, EP 409, EP 410, EP 61 R6, L 1 R1, L 10, TP/ 3 R2, EP 411, WA-192-P R3, EP 307 R3, TR/1, TR/2, EP 363 R2, WA-334-P   |
| <b>TAP (SHELFAL) Pty Ltd</b>                                  |   |
| <i>Western Australia</i>                                      | TP/20, EP 364 R1, EP 395 R1, TL/4, EP 137 R4, EP 341 R2, EP 397, EP 403 R1  |
| <b>TAP Oil Limited</b>  |   |
| <i>Western Australia</i>                                      | EP 420, TP/18   |
| <b>Tap Oil NL</b>   |   |
| <i>Western Australia</i>                                      | WA-276-P, WA-277-P, WA-278-P  |
| <b>Tap West Pty Ltd</b>                                       |   |
| <i>Western Australia</i>                                      | WA-25-L, WA-22-L  |
| <b>Terratek Drilling Tools Pty Ltd</b>                        |   |
| <i>Western Australia</i>                                      | L 6, L 8, EP 129 R4   |
| <b>Texaco Australia Pty Ltd</b>                               |   |
| <i>Western Australia</i>                                      | WA-18-R, L 12, L 13, TR/4, EP 357 R2, WA-16-R, WA-17-R, EP 357 R1, EP 61 R6, EP 62 R6, L 10, L 1H R1, TL/3, TL/4, TL/7, TP/ 2 R2, TP/ 3 R2, WA-253-P R1, WA-268-P, WA-4-R R1, WA-5-R R1, WA-7-L, WA-192-P R3, WA-205-P R2 |
| <b>Texaco Barcoo Pty Ltd</b>                                  |   |
| <i>Western Australia</i>                                      | WA-303-P, WA-305-P  |
| <b>Texaco Copernicus P/L</b>                                  |   |
| <i>Western Australia</i>                                      | WA-302-P  |
| <b>Timor Oil Ltd</b>  |   |
| <i>Queensland</i>   | PL17  |
| <b>Timor Sea Petroleum Pty Ltd</b>                            |   |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P23  |
| <b>Tipperary Oil &amp; Gas (Australia) Pty Ltd</b>            |   |
| <i>Queensland</i>   | ATP554P, ATP655P, ATP675P, ATP690P  |
| <b>TMOC Exploration Pty Ltd</b>                               |   |
| <i>Victoria</i>   | PEP160  |
| <b>Todd Petroleum Australia Ltd</b>                           |   |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P20  |
| <b>Top (Shelf Oil) P/L</b>                                    |   |
| <i>Western Australia</i>                                      | WA-8-L  |
| <b>Trans-Orient Petroleum Ltd</b>                             |   |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P26  |
| <b>Transoil (NT) Pty Ltd</b>                                  |   |
| <i>Northern Territory</i>                                     | L4, L5  |
| <b>Transoil Pty Ltd</b>                                       |   |
| <i>Northern Territory</i>                                     | RL 2  |
| <i>Queensland</i>   | ATP267P, PL33, PL50, PL51   |

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| <b>Tri-Star Energy Company</b>                                |  |
| <i>Queensland</i>   | ATP680P, ATP699  |
| <b>Tri-Star Petroleum Company</b>                             |  |
| <i>Queensland</i>   | ATP653P, ATP703P, ATP526P, PL90, PL91, PL92, PL99, PL100   |
| <b>Trinity Gas Resources Pty Ltd</b>                          |  |
| <i>Victoria</i>   | VIC/L21  |
| <b>Triple J Resources Pty Ltd</b>                             |  |
| <i>Queensland</i>   | ATP594P  |
| <b>TSP Arafura Petroleum Pty Ltd</b>                          |  |
| <i>Northern Territory</i>                                     | NT/P60   |
| <b>Tubridgi Petroleum Pty Ltd</b>                             |  |
| <i>Western Australia</i>                                      | EP 397   |
| <b>TXU Gas Storage Pty Ltd</b>                                |  |
| <i>Victoria</i>   | PPL1, PPL2   |
| <b>Tyers Investments Pty Ltd</b>                              |  |
| <i>Queensland</i>   | ATP539P  |
| <b>Tyers Petroleum Pty Ltd</b>                                |  |
| <i>Queensland</i>   | ATP552P  |
| <b>Uncol South Asean Ltd</b>                                  |  |
| <i>Tasmania</i>   | T/32P  |
| <i>Victoria</i>   | VIC/P52  |
| <b>Union Pacific Resources Inc</b>                            |  |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/L1, AC/L2, AC/L3  |
| <b>United Oil &amp; Gas Company (NT) Pty Ltd</b>              |  |
| <i>Northern Territory</i>                                     | L4, L5   |
| <b>Vamgas Pty Ltd</b>   |  |
| <i>Queensland</i>   | PL187, PL188, PL189, PL151, PL152, PL155, PL156, ATP378P, ATP552P, PL23, PL24, PL25, PL26, PL34, PL35, PL36, PL37, PL55, PL58, PL59, PL60, PL61, PL62, PL63, PL68, PL75, PL76, PL77, PL78, PL79, PL80, PL81, PL82, PL83, PL84, PL85, PL86, PL87, PL88, PL105, PL106, PL107, PL108, PL109, PL110, PL111, PL113, PL114, PL97, PL130, PL131, PL132, PL135, PL136, PL139, PL149, PL150, PL112, PL129, PL133, PL134, PL137, PL138, PL140, PL141, PL142, PL146, PL147, PL143, PL144, PL145, PL148, PL153, PL154, PL157, PL158, PL159, PL168, PL175, PL176, PL181, PL182, PL177, PL178, PL186   |
| <i>South Australia</i>  | PPL170, PPL171, PPL172, PPL173, PPL174, PPL175, PPL176, PPL177, PPL178, PPL179, PPL180, PPL181, PPL182, PPL183, PPL184, PPL 6, PPL 7, PPL 8, PPL 9, PPL10, PPL101, PPL102, PPL103, PPL104, PPL105, PPL106, PPL107, PPL108, PPL109, PPL11, PPL110, PPL111, PPL112, PPL113, PPL114, PPL115, PPL116, PPL117, PPL12, PPL13, PPL14, PPL15, PPL16, PPL17, PPL18, PPL19, PPL20, PPL22, PPL23, PPL24, PPL25, PPL26, PPL27, PPL28, PPL29, PPL30, PPL31, PPL32, PPL33, PPL34, PPL35, PPL37, PPL38, PPL39, PPL40, PPL41, PPL42, PPL43, PPL45, PPL46, PPL47, PPL48, PPL49, PPL50, PPL51, PPL52, PPL53, PPL54, PPL55, PPL56, PPL57, PPL58, PPL59, PPL60, PPL61, PPL63, PPL64, PPL65, PPL66, PPL67, PPL68, PPL69, PPL70, PPL71, PPL72, PPL73, PPL74, PPL75, PPL76, PPL77, PPL78, PPL79, PPL80, PPL81, PPL82, PPL83, PPL84, PPL85, PPL86, PPL87, PPL88, PPL89, PPL92, PPL94, PPL96, PPL97, PPL98, PPL99, PPL100, PPL101, PPL102, PPL103, PPL104, PPL105, PPL106, PPL107, PPL108, PPL109, PPL110, PPL111, PPL112, PPL113, PPL114, PPL115, PPL116, PPL117, PPL118, PPL119, PPL120, PPL121, PPL122, PPL123, PPL124, PPL125, PPL126, PPL127, PPL128, PPL132, PPL133, PPL134, PPL135, PPL136, PPL137, PPL138, PPL139, PPL140, PPL141, PPL142, PPL143, PPL144, PPL145, PPL146, PPL147, PPL148, PPL149, PPL150, PPL151, PPL152, PPL153, PPL154, PPL155, PPL156, PPL157, PPL158, PPL159, PPL160, PPL161, PPL162, PPL163, PPL164, PPL165, PPL166, PPL167, PPL168, PPL169, PPL170, PPL171, PPL172, PPL173, PPL174, PPL175, PPL176, PPL177, PPL178, PPL179, PPL180, PPL181, PPL182, PPL183, PPL184, PPL185, PPL186, PPL187, PPL188, PPL189, PPL190, PPL191, PPL192, PPL193, PPL195, PPL196, PPL198, PPL199, PPL187, PPL191, PPL194, PPL197 |
| <b>Vernon E Faulconer Australia Inc.</b>                      |  |
| <i>Queensland</i>   | ATP543P, PL117   |
| <b>Vic Petroleum</b>  |  |
| <i>Western Australia</i>                                      | EP 321 R2  |
| <b>Victoria Diamond Exploration Pty Ltd</b>                   |  |
| <i>Western Australia</i>                                      | EP 406   |
| <b>Victoria International Petroleum NL</b>                    |  |
| <i>Queensland</i>   | ATP333P  |
| <b>Victoria Oil Exploration (1977) Pty Ltd</b>                |  |
| <i>Queensland</i>   | ATP589P  |
| <b>Victoria Oil Pty Ltd</b>                                   |  |
| <i>Queensland</i>   | ATP333P  |
| <b>Victoria Petroleum (WA-209-P) Pty Ltd</b>                  |  |
| <i>Western Australia</i>                                      | WA-340-P, WA-312-P   |
| <b>Victoria Petroleum Ltd</b>                                 |  |
| <i>Queensland</i>   | ATP654P  |
| <b>Victoria Petroleum NL</b>                                  |  |
| <i>Queensland</i>   | ATP465P, ATP574P, ATP608P, ATP695P   |
| <i>South Australia</i>  | PEL 57   |
| <i>Western Australia</i>                                      | WA-254-P R1, EP 325 R2, WA-261-P R1  |
| <b>Victoria Petroleum Offshore P/L</b>                        |  |
| <i>Western Australia</i>                                      | EP 321 R2, EP 413 R1   |
| <b>Vigilant Oil Pty Ltd</b>                                   |  |
| <i>Western Australia</i>                                      | EP 369 R1  |
| <b>Wandoo Petroleum Pty Ltd</b>                               |  |
| <i>Territory of Ashmore and Cartier Islands Adjacent Area</i> | AC/P18, AC/P24   |
| <i>Western Australia</i>                                      | WA-286-P, WA-14-L, WA-256-P R1, WA-257-P, WA-202-P R2  |
| <b>Wenk, Andrew</b>   |  |
| <i>South Australia</i>  | PEL 82   |

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**West Oil NL**

*Territory of Ashmore and  
Cartier Islands Adjacent  
Area* AC/RL1, AC/P26, AC/P28, AC/P32

*Western Australia* WA-310-P

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**Westranch Holdings Pty Ltd**

*Territory of Ashmore and  
Cartier Islands Adjacent  
Area* AC/P22, AC/P32

*Western Australia* WA-286-P, EP 364 R1, EP 412

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**Woodside Eastern Energy Pty Ltd**

*Victoria* VIC/RL2, VIC/RL6, VIC/RL9, VIC/RL10

*Western Australia* WA-23-L, WA-24-L

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**Woodside Energy Ltd**

*Northern Territory* NT/P49, NT/RL2, NT/P55, NT/P57

*South Australia* EPP31, EPP27, EPP28, EPP29, EPP30

*Tasmania* T/30P

*Territory of Ashmore and  
Cartier Islands Adjacent  
Area* AC/L5, AC/P17, AC/P4 R4, AC/P8 R4

*Victoria* VIC/P43, VIC/RL9, VIC/RL10

*Western Australia* WA-254-P R1, WA-2-L R1, WA-6-L R1, WA-5-L R1, WA-279-P, WA-280-P,  
TP/ 4, EP 36 R3, L 5, L 6, WA-10-R R1, WA-11-L, WA-16-L, WA-1-L R1, WA-  
1-P R6, WA-208-P R2, WA-255-P R1, WA-269-P, WA-270-P, WA-271-P, WA-  
28-P R6, WA-33-P R3, WA-3-L, WA-4-L, WA-7-R R1, WA-9-L, WA-9-R R1,  
TL/8, WA-293-P, WA-294-P, WA-296-P, WA-297-P, WA-20-L, WA-242-P R1,  
WA-299-P, WA-300-P, WA-246-P R1, WA-248-P R1, WA-313-P

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**Woodside Oil Ltd**

*Western Australia* WA-191-P R3

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**Woodside Petroleum (Timor Sea 1) Pty Ltd**

*Joint Petroleum Development  
Area* JPDA 91-01

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**Woodside Petroleum (Timor Sea 19) Pty Ltd**

*Joint Petroleum Development  
Area* JPDA 95-19

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**Woodside Petroleum (Timor Sea 20) Pty Ltd**

*Joint Petroleum Development  
Area* JPDA 96-20

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**ZOCA 96-16 Pty Ltd**

*Joint Petroleum Development  
Area* JPDA 96-16

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**ZOCA Pty Ltd**

*Joint Petroleum Development  
Area* JPDA 96-16

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# KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                    | Company (Operator*)    | Equity                    | Expiry Date     |
|--|------------------------|---------------------------|-----------------|
| <b>Queensland</b>                        |                        |                           |                 |
| <b>Onshore</b>                           |                        |                           |                 |
| <b>Exploration Permit</b>                |                        |                           |                 |
| <b>Legislation Group: Territorial</b>    |                        | Sq km approximate         |                 |
| <b>ATP212P</b>                           | Bowen/Surat Basin      | Blocks: 5 Sq Km: 371      | 31-Jul-2001     |
| Angari Pty Ltd*                          |                        | 49.00                     |                 |
| Bridge Oil Exploration Pty Ltd           |                        | 7.50                      |                 |
| Mosaic Oil NL                            |                        | 10.00                     |                 |
| Mosaic Oil QLD Pty Ltd                   |                        | 6.00                      |                 |
| Oil Company of Australia Ltd             |                        | 20.00                     |                 |
| Santos (BOL) Pty Ltd                     |                        | 7.50                      |                 |
| <b>ATP244P</b>                           | Bowen/Surat Basin      | Blocks: 4 Sq Km: 332      | 31-Jul-2001     |
|  |                        |                           | Renewal Pending |
| Mosaic Oil QLD Pty Ltd*                  |                        | 100.00                    |                 |
| <b>ATP259P</b>                           | Cooper/Eromanga Basin  | Blocks: 378 Sq Km: 28 106 | 31-Dec-2002     |
|  |                        |                           | Renewal Pending |
| Santos Ltd*                              |                        | 50.00                     |                 |
| Delhi Petroleum Pty Ltd                  |                        | 50.00                     |                 |
| <b>ATP267P</b>                           | Cooper/Eromanga Basin  | Blocks: 23 Sq Km: 740     | 30-Nov-2003     |
| Transoil Pty Ltd*                        |                        | 17.47                     |                 |
| Chimelle Petroleum Ltd                   |                        | 40.94                     |                 |
| Moonie Oil Pty Ltd                       |                        | 33.83                     |                 |
| Santos Gnuco Pty Ltd                     |                        | 7.77                      |                 |
| <b>ATP269P</b>                           | Cooper/Eromanga Basin  | Blocks: 28 Sq Km: 2 404   | 31-Dec-2003     |
| Beach Petroleum NL*                      |                        | 68.29                     |                 |
| Australian Gasfields Ltd                 |                        | 19.24                     |                 |
| Inland Oil (Production) Pty Ltd          |                        | 4.91                      |                 |
| Petromin NL                              |                        | 7.57                      |                 |
| <b>ATP299P</b>                           | Cooper/Eromanga Basin  | Blocks: 24 Sq Km: 1 858   | 31-Dec-2004     |
| Santos QNT Pty Ltd*                      |                        | 77.00                     |                 |
| CPC Energy Pty Ltd                       |                        | 1.00                      |                 |
| Drillsearch Energy NL                    |                        | 10.00                     |                 |
| Santos (299) Pty Ltd                     |                        | 12.00                     |                 |
| <b>ATP333P</b>                           | Bowen/Surat Basin      | Blocks: 5 Sq Km: 415      | 31-May-2001     |
|  |                        |                           | Renewal Pending |
| Victoria International Petroleum NL*     |                        | 64.00                     |                 |
| Victoria Oil Pty Ltd                     |                        | 36.00                     |                 |
| <b>ATP336P</b>                           | Bowen/Surat Basin      | Blocks: 31 Sq Km: 2 318   | 30-Sep-2003     |
| Associated Petroleum Pty Ltd*            |                        | 85.00                     |                 |
| Interstate Pipelines Pty Ltd             |                        | 15.00                     |                 |
| <b>ATP337P</b>                           | Bowen/Surat Basin      | Blocks: 100 Sq Km: 7 744  | 30-Sep-2003     |
| Santos Petroleum Operations Pty Ltd*     |                        | 50.00                     |                 |
| Oil Company of Australia Ltd             |                        | 50.00                     |                 |
| <b>ATP364P</b>                           | Bowen Basin            | Blocks: 102 Sq Km: 8 467  | 28-Feb-2006     |
| BHP Coal Pty Ltd*                        |                        | 99.00                     |                 |
| CH4 Pty Ltd                              |                        | 1.00                      |                 |
| <b>ATP375P</b>                           | Bowen/Surat Basin      | Blocks: 3 Sq Km: 249      | 30-Sep-2002     |
|  |                        |                           | Renewal Pending |
| Oil Company of Australia Ltd*            |                        | 100.00                    |                 |
| <b>ATP378P</b>                           | Bowen/Surat Basin      | Blocks: 4 Sq Km: 310      | 30-Sep-2003     |
| Santos QNT Pty Ltd*                      |                        | 84.38                     |                 |
| Vamgas Pty Ltd                           |                        | 15.63                     |                 |
| <b>ATP465P</b>                           | Bowen/Surat Basin      | Blocks: 2 Sq Km: 155      | 31-Aug-2001     |
|  |                        |                           | Renewal Pending |
| Roma Petroleum NL*                       |                        | 80.00                     |                 |
| Victoria Petroleum NL                    |                        | 20.00                     |                 |
| <b>ATP470P</b>                           | Bowen/Surat Basin      | Blocks: 12 Sq Km: 892     | 28-Feb-2003     |
|  |                        |                           | Renewal Pending |
| Oil Company of Australia Ltd*            |                        | 100.00                    |                 |
| <b>ATP471P</b>                           | Bowen/Surat Basin      | Blocks: 22 Sq Km: 1 633   | 28-Feb-2003     |
|  |                        |                           | Renewal Pending |
| Mosaic Oil QLD Pty Ltd*                  |                        | 100.00                    |                 |
| <b>ATP526P</b>                           | Bowen/Surat Basin      | Blocks: 37 Sq Km: 3 177   | 31-Oct-2004     |
| Tri-Star Petroleum Company*              |                        | 100.00                    |                 |
| <b>ATP529P</b>                           | Eromanga/Galilee Basin | Blocks: 362 Sq Km: 30 051 | 30-Nov-2004     |
| Capricorn Energy Pty Ltd*                |                        | 50.00                     |                 |
| Beaconsfield Energy Development Pty Ltd  |                        | 50.00                     |                 |
| <b>ATP539P</b>                           | Eromanga Basin         | Blocks: 77 Sq Km: 6 392   | 31-Jan-2001     |
|  |                        |                           | Renewal Pending |
| Tyers Investments Pty Ltd*               |                        | 100.00                    |                 |
| <b>ATP543P</b>                           | Cooper/Eromanga Basin  | Blocks: 67 Sq Km: 5 562   | 31-Jan-2005     |
| Vernon E. Faulconer Australia Inc.*      |                        | 100.00                    |                 |
| <b>ATP544P</b>                           | Cooper/Eromanga Basin  | Blocks: 33 Sq Km: 2 833   | 30-Apr-2001     |
|  |                        |                           | Renewal Pending |
| Australian Petroleum Industries Pty Ltd* |                        | 100.00                    |                 |
| <b>ATP545P</b>                           | Cooper/Eromanga Basin  | Blocks: 50 Sq Km: 4 151   | 31-Jan-2001     |
|  |                        |                           | Renewal Pending |
| Roma Petroleum Company Pty Ltd*          |                        | 100.00                    |                 |

| Title                                     | Company (Operator*)    | Equity                    | Expiry Date     |
|---|------------------------|---------------------------|-----------------|
| <b>ATP548P</b>                            | Cooper/Eromanga Basin  | Blocks: 35 Sq Km: 2 906   | 31-Mar-2005     |
| IOR Exploration Pty Ltd*                  |                        | 62.00                     |                 |
| APS Oil Pty Ltd                           |                        | 15.00                     |                 |
| Mawson Petroleum NL                       |                        | 2.06                      |                 |
| Midland Exploration Pty Ltd               |                        | 20.94                     |                 |
| <b>ATP549P</b>                            | Cooper/Eromanga Basin  | Blocks: 114 Sq Km: 9 464  | 30-Apr-2001     |
|   |                        |                           | Renewal Pending |
| Australian Gasfields Ltd*                 |                        | 100.00                    |                 |
| <b>ATP550P</b>                            | Cooper/Eromanga Basin  | Blocks: 15 Sq Km: 1 245   | 30-Jun-2001     |
|   |                        |                           | Renewal Pending |
| Discovery Geo (Australia) Corporation*    |                        | 100.00                    |                 |
| <b>ATP552P</b>                            | Bowen/Surat Basin      | Blocks: 6 Sq Km: 515      | 30-Jun-2001     |
|   |                        |                           | Renewal Pending |
| Bligh Oil and Minerals NL*                |                        | 44.39                     |                 |
| Hyland Bay Pty Ltd                        |                        | 2.12                      |                 |
| Maple Oil NL                              |                        | 6.06                      |                 |
| Tyers Petroleum Pty Ltd                   |                        | 25.45                     |                 |
| Vamgas Pty Ltd                            |                        | 21.97                     |                 |
| <b>ATP553P</b>                            | Bowen/Surat Basin      | Blocks: 14 Sq Km: 1 162   | 30-Nov-2001     |
|   |                        |                           | Renewal Pending |
| Santos Petroleum Operations Pty Ltd*      |                        | 50.00                     |                 |
| Oil Company of Australia Ltd              |                        | 50.00                     |                 |
| <b>ATP554P</b>                            | Eromanga Basin         | Blocks: 6 Sq Km: 498      | 30-Nov-2001     |
|   |                        |                           | Renewal Pending |
| Dyad-Australia Inc.*                      |                        | 75.00                     |                 |
| Tipperary Oil & Gas (Australia) Pty Ltd   |                        | 25.00                     |                 |
| <b>ATP556P</b>                            | Eromanga/Galilee Basin | Blocks: 41 Sq Km: 3 404   | 30-Nov-2001     |
|   |                        |                           | Renewal Pending |
| Maneroo Oil Company Ltd*                  |                        | 100.00                    |                 |
| <b>ATP560P</b>                            | Cooper/Eromanga Basin  | Blocks: 34 Sq Km: 2 633   | 30-Nov-2001     |
|   |                        |                           | Renewal Pending |
| Oil Wells of Kentucky Inc.*               |                        | 100.00                    |                 |
| <b>ATP564P</b>                            | Bowen/Surat Basin      | Blocks: 44 Sq Km: 3 778   | 30-Apr-2002     |
|   |                        |                           | Renewal Pending |
| Oil Company of Australia (Moura) Pty Ltd* |                        | 50.00                     |                 |
| Helm Energy Australia LLC                 |                        | 25.00                     |                 |
| Lowell Petroleum NL                       |                        | 25.00                     |                 |
| <b>ATP566P</b>                            | Eromanga Basin         | Blocks: 7 Sq Km: 542      | 31-May-1998     |
|   |                        |                           | Renewal Pending |
| Maneroo Oil Company Ltd*                  |                        | 100.00                    |                 |
| <b>ATP567P</b>                            | Eromanga/Galilee Basin | Blocks: 231 Sq Km: 17 888 | 30-Apr-2002     |
|   |                        |                           | Renewal Pending |
| Pagehurst Pty Ltd*                        |                        | 100.00                    |                 |
| <b>ATP574P</b>                            | Bowen/Surat Basin      | Blocks: 5 Sq Km: 429      | 30-Apr-2002     |
|   |                        |                           | Renewal Pending |
| Victoria Petroleum NL*                    |                        | 75.00                     |                 |
| Australian Coalbed Methane Pty Ltd        |                        | 6.25                      |                 |
| Seqoil Pty Ltd                            |                        | 18.75                     |                 |
| <b>ATP578P</b>                            | Eromanga/Galilee Basin | Blocks: 65 Sq Km: 5 033   | 30-Jun-1998     |
|   |                        |                           | Renewal Pending |
| Shogol Australia Pty Ltd*                 |                        | 100.00                    |                 |
| <b>ATP582P</b>                            | Eromanga Basin         | Blocks: 365 Sq Km: 28 264 | 31-Jul-1998     |
|   |                        |                           | Renewal Pending |
| Cooper-Eromanga Oil Inc.*                 |                        | 100.00                    |                 |
| <b>ATP584P</b>                            | Bowen/Surat Basin      | Blocks: 12 Sq Km: 915     | 31-Jul-2002     |
|   |                        |                           | Renewal Pending |
| Oil Company of Australia Ltd*             |                        | 100.00                    |                 |
| <b>ATP587P</b>                            | Eromanga Basin         | Blocks: 12 Sq Km: 996     | 31-Jul-1998     |
|   |                        |                           | Renewal Pending |
| Millennium Resources Qld Pty Ltd*         |                        | 50.00                     |                 |
| Cobrex Pty Ltd                            |                        | 50.00                     |                 |
| <b>ATP589P</b>                            | Cooper/Eromanga Basin  | Blocks: 193 Sq Km: 14 945 | 31-Aug-1998     |
|   |                        |                           | Renewal Pending |
| Victoria Oil Exploration (1977) Pty Ltd*  |                        | 60.00                     |                 |
| Seqoil Pty Ltd                            |                        | 40.00                     |                 |
| <b>ATP592P</b>                            | Bowen/Surat Basin      | Blocks: 41 Sq Km: 3 520   | 31-Aug-2002     |
|   |                        |                           | Renewal Pending |
| Oil Company of Australia Ltd*             |                        | 100.00                    |                 |
| <b>ATP593P</b>                            | Bowen/Surat Basin      | Blocks: 26 Sq Km: 2 232   | 30-Sep-2002     |
|   |                        |                           | Renewal Pending |
| Azeeza Pty Ltd*                           |                        | 60.00                     |                 |
| Seqoil Pty Ltd                            |                        | 40.00                     |                 |
| <b>ATP594P</b>                            | Cooper/Eromanga Basin  | Blocks: 20 Sq Km: 1 549   | 30-Sep-1998     |
|   |                        |                           | Renewal Pending |
| Icon Energy Ltd*                          |                        | 50.00                     |                 |
| Triple J Resources Pty Ltd                |                        | 50.00                     |                 |
| <b>ATP596P</b>                            | Eromanga/Galilee Basin | Blocks: 4 Sq Km: 310      | 31-Oct-2002     |
|   |                        |                           | Renewal Pending |
| Rincon-Australia Pty Ltd*                 |                        | 100.00                    |                 |
| <b>ATP598P</b>                            | Eromanga Basin         | Blocks: 16 Sq Km: 1 239   | 30-Nov-2002     |
| Amity Oil NL*                             |                        | 100.00                    |                 |
| <b>ATP602P</b>                            | Bowen/Surat Basin      | Blocks: 8 Sq Km: 1 030    | 31-Dec-2006     |
| Oil Company of Australia (Moura) Pty Ltd* |                        | 100.00                    |                 |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                    |                        |             |               |                 |
|--|------------------------|-------------|---------------|-----------------|
| <b>Accumulation</b>                      |                        |             |               |                 |
| Company (Operator*)                      |                        | Equity      |               | Expiry Date     |
| ATP606P                                  | Bowen/Surat Basin      | Blocks: 38  | Sq Km: 3 263  | 31-Oct-2002     |
| Oil Company of Australia Ltd*            |                        |             | 100.00        |                 |
| ATP608P                                  | Bowen/Surat Basin      | Blocks: 53  | Sq Km: 4 551  | 30-Nov-2002     |
| Victoria Petroleum NL*                   |                        |             | 60.00         | Renewal Pending |
| Sequoil Pty Ltd                          |                        |             | 40.00         |                 |
| ATP610P                                  | Bowen/Surat Basin      | Blocks: 5   | Sq Km: 387    | 31-Dec-2002     |
| Icon Energy Ltd*                         |                        |             | 95.00         | Renewal Pending |
| Queensland Gas Pty Ltd                   |                        |             | 5.00          |                 |
| ATP613P                                  | Maryborough Basin      | Blocks: 18  | Sq Km: 1 546  | 31-Mar-2003     |
| Magellan Petroleum (Eastern) Pty Ltd*    |                        |             | 98.00         |                 |
| Qgas Pty Ltd                             |                        |             | 2.00          |                 |
| ATP616P                                  | Cooper/Eromanga Basin  | Blocks: 8   | Sq Km: 619    | 31-Oct-1999     |
| Liberty Petroleum Corporation*           |                        |             | 100.00        | Renewal Pending |
| ATP618P                                  | Eromanga Basin         | Blocks: 151 | Sq Km: 11 693 | 07-Jan-2000     |
| Harlow Australia Pty Ltd*                |                        |             | 100.00        | Renewal Pending |
| ATP619P                                  | Eromanga Basin         | Blocks: 34  | Sq Km: 2 633  | 29-Feb-2004     |
| Bonnerwell Pty Ltd*                      |                        |             | 100.00        |                 |
| ATP620P                                  | Surat Basin            | Blocks: 6   | Sq Km: 515    | 28-Feb-2004     |
| Pangaea Oil And Gas Pty Ltd*             |                        |             | 100.00        |                 |
| ATP621P                                  | Bowen/Surat Basin      | Blocks: 7   | Sq Km: 601    | 29-Feb-2004     |
| Bobwyns Pty Ltd*                         |                        |             | 95.00         |                 |
| Queensland Gas Company Ltd               |                        |             | 5.00          |                 |
| ATP623P                                  | Bowen/Surat Basin      | Blocks: 2   | Sq Km: 172    | 28-Feb-2003     |
| Oil Company of Australia Ltd*            |                        |             | 100.00        | Renewal Pending |
| ATP626P                                  | Bowen/Surat Basin      | Blocks: 30  | Sq Km: 2 323  | 31-Aug-1999     |
| Jakabar Pty Ltd*                         |                        |             | 100.00        | Renewal Pending |
| ATP631P                                  | Bowen/Surat Basin      | Blocks: 28  | Sq Km: 2 092  | 31-Aug-2005     |
| Oil Company of Australia Ltd*            |                        |             | 100.00        |                 |
| ATP632P                                  | Bowen/Surat Basin      | Blocks: 53  | Sq Km: 3 719  | 31-Mar-2005     |
| Queensland Gas Company Ltd*              |                        |             | 100.00        |                 |
| ATP641P                                  | Clarence/Moreton Basin | Blocks: 122 | Sq Km: 9 447  | 31-Mar-2002     |
| BNG Pty Ltd*                             |                        |             | 100.00        | Renewal Pending |
| ATP643P                                  | Clarence/Moreton Basin | Blocks: 37  | Sq Km: 3 177  | 31-Oct-2003     |
| BNG Pty Ltd*                             |                        |             | 100.00        |                 |
| ATP644P                                  | Clarence/Moreton Basin | Blocks: 37  | Sq Km: 3 177  | 31-Oct-2003     |
| BNG Pty Ltd*                             |                        |             | 100.00        |                 |
| ATP645P                                  | Bowen/Surat Basin      | Blocks: 31  | Sq Km: 2 400  | 31-Dec-2003     |
| BNG (Surat) Pty Ltd*                     |                        |             | 100.00        |                 |
| ATP647P                                  | Bowen/Surat Basin      | Blocks: 11  | Sq Km: 944    | 31-Jul-2005     |
| Starzap Pty Ltd*                         |                        |             | 100.00        |                 |
| ATP648P                                  | Bowen/Surat Basin      | Blocks: 27  | Sq Km: 2 710  | 31-Oct-2004     |
| Icon Energy Ltd*                         |                        |             | 95.00         |                 |
| Queensland Gas Pty Ltd                   |                        |             | 5.00          |                 |
| ATP649P                                  | Bowen/Surat Basin      | Blocks: 8   | Sq Km: 619    | 30-Nov-2004     |
| Icon Energy Ltd*                         |                        |             | 100.00        |                 |
| ATP651P                                  | Bowen/Surat Basin      | Blocks: 25  | Sq Km: 1 936  | 31-Oct-2004     |
| Queensland Gas Company Ltd*              |                        |             | 100.00        |                 |
| ATP653P                                  | Bowen/Surat Basin      | Blocks: 5   |               | 30-Sep-2006     |
| Tri-Star Petroleum Company*              |                        |             | 100.00        |                 |
| ATP654P                                  | Bowen/Surat Basin      | Blocks: 12  | Sq Km: 929    | 31-Dec-2004     |
| Victoria Petroleum Ltd*                  |                        |             | 60.00         |                 |
| Sequoil Pty Ltd                          |                        |             | 40.00         |                 |
| ATP655P                                  | Bowen/Surat Basin      | Blocks: 4   | Sq Km: 1 549  | 31-Oct-2003     |
| Tipperary Oil & Gas (Australia) Pty Ltd* |                        |             | 100.00        |                 |
| ATP663P                                  | Surat Basin            | Blocks: 33  |               | 30-Sep-2006     |
| Oil Company of Australia Ltd*            |                        |             | 100.00        |                 |
| ATP675P                                  | Bowen/Surat Basin      | Blocks: 46  | Sq Km: 3 562  | 29-Feb-2004     |
| Tipperary Oil & Gas (Australia) Pty Ltd* |                        |             | 100.00        |                 |
| ATP676P                                  | Bowen/Surat Basin      | Blocks: 69  | Sq Km: 5 343  | 30-Sep-2004     |
| Australian Coalbed Methane Pty Ltd*      |                        |             | 100.00        |                 |
| ATP678P                                  | Hillsborough Basin     | Blocks: 15  | Sq Km: 1 162  | 28-Feb-2005     |
| Arrow Energy NL*                         |                        |             | 100.00        |                 |
| ATP679P                                  | unknown Basin          | Blocks: 11  | Sq Km: 852    | 28-Feb-2005     |
| Arrow Energy NL*                         |                        |             | 100.00        |                 |
| ATP680P                                  | Bowen/Surat Basin      | Blocks: 30  | Sq Km: 2 323  | 30-Nov-2004     |
| Tri-Star Energy Company*                 |                        |             | 100.00        |                 |
| ATP682P                                  | unknown Basin          | Blocks: 1   | Sq Km: 77     | 29-Feb-2004     |
| Kingston Petroleum Pty Ltd*              |                        |             | 100.00        |                 |
| ATP683P                                  | Clarence/Moreton Basin | Blocks: 84  | Sq Km: 8 307  | 29-Feb-2004     |
| Arrow Energy NL*                         |                        |             | 100.00        |                 |
| ATP684P                                  | Bowen Basin            | Blocks: 35  | Sq Km: 2 689  | 31-Jul-2005     |
| BNG (Surat) Pty Ltd*                     |                        |             | 100.00        |                 |
| ATP685P                                  | Bowen/Surat Basin      | Blocks: 15  | Sq Km: 1 162  | 30-Apr-2004     |
| Santos QNT Pty Ltd*                      |                        |             | 100.00        |                 |
| ATP686P                                  | Clarence/Moreton Basin | Blocks: 34  | Sq Km: 2 600  | 30-Nov-2005     |
| Arrow Energy NL*                         |                        |             | 100.00        |                 |

| Title                                    |                   |            |              |                 |
|--|-------------------|------------|--------------|-----------------|
| <b>Accumulation</b>                      |                   |            |              |                 |
| Company (Operator*)                      |                   | Equity     |              | Expiry Date     |
| ATP689P                                  | Bowen/Surat Basin | Blocks: 59 | Sq Km: 4 374 | 30-Nov-2004     |
| Australian Coalbed Methane Pty Ltd*      |                   |            | 100.00       |                 |
| ATP690P                                  | Bowen/Surat Basin | Blocks: 14 | Sq Km: 1 084 | 30-Nov-2004     |
| Tipperary Oil & Gas (Australia) Pty Ltd* |                   |            | 100.00       |                 |
| ATP692P                                  | Bowen/Surat Basin | Blocks: 15 | Sq Km: 1 549 | 30-Nov-2004     |
| Oil Company of Australia Ltd*            |                   |            | 50.00        |                 |
| Sunoco Inc. of Australia                 |                   |            | 50.00        |                 |
| ATP693P                                  | Bowen Basin       | Blocks: 38 | Sq Km: 2 925 | 30-Nov-2005     |
| BNG (Surat) Pty Ltd*                     |                   |            | 100.00       |                 |
| ATP695P                                  | Bowen/Surat Basin | Blocks: 1  | Sq Km: 75    | 28-Feb-2002     |
| Roma Petroleum Company Pty Ltd*          |                   |            | 32.00        | Renewal Pending |
| Queensland Gas Company Ltd               |                   |            | 60.00        |                 |
| Victoria Petroleum NL                    |                   |            | 8.00         |                 |
| ATP698                                   | Bowen/Surat Basin | Blocks: 6  |              | 30-Sep-2006     |
| Oil Company of Australia Ltd*            |                   |            | 100.00       |                 |
| ATP699                                   | Bowen/Surat Basin | Blocks: 5  |              | 30-Sep-2006     |
| Tri-Star Energy Company*                 |                   |            | 100.00       |                 |
| ATP703P                                  | Bowen/Surat Basin | Blocks: 15 |              | 30-Sep-2006     |
| Tri-Star Petroleum Company*              |                   |            | 100.00       |                 |
| ATP709P                                  | Bowen/Surat Basin | Blocks: 10 | Sq Km: 859   | 31-Aug-2005     |
| Mosaic Oil QLD Pty Ltd*                  |                   |            | 100.00       |                 |
| ATP722P                                  | Bowen Basin       | Blocks: 18 |              | 20-Nov-2006     |
| BNG (Surat) Pty Ltd*                     |                   |            | 100.00       |                 |

  

| <b>Production Licence</b>             |                   |  |                   |             |
|---------------------------------------|-------------------|--|-------------------|-------------|
| <b>Legislation Group: Territorial</b> |                   |  |                   |             |
|                                       |                   |  | Sq km approximate |             |
| PL 1                                  | Bowen/Surat Basin |  | Sq Km: 258        | 31-Dec-2006 |
| <i>Cabwin, Moonie</i>                 |                   |  |                   |             |
| Santos Exploration Pty Ltd*           |                   |  | 100.00            |             |
| PL 2                                  | Bowen/Surat Basin |  | Sq Km: 258        | 31-Dec-2008 |
| <i>Alton</i>                          |                   |  |                   |             |
| Santos Exploration Pty Ltd*           |                   |  | 100.00            |             |
| PL 3                                  | Bowen/Surat Basin |  | Sq Km: 257        | 28-Feb-2011 |
| <i>Timbury Hills</i>                  |                   |  |                   |             |
| Associated Petroleum Pty Ltd*         |                   |  | 85.00             |             |
| Interstate Pipelines Pty Ltd          |                   |  | 15.00             |             |
| PL 4                                  | Bowen/Surat Basin |  | Sq Km: 257        | 28-Feb-2011 |
| <i>Pine Ridge</i>                     |                   |  |                   |             |
| Associated Petroleum Pty Ltd*         |                   |  | 85.00             |             |
| Interstate Pipelines Pty Ltd          |                   |  | 15.00             |             |
| PL 5                                  | Bowen/Surat Basin |  | Sq Km: 257        | 28-Feb-2011 |
| <i>Raslie, Yanalub</i>                |                   |  |                   |             |
| Associated Petroleum Pty Ltd*         |                   |  | 85.00             |             |
| Interstate Pipelines Pty Ltd          |                   |  | 15.00             |             |
| PL 6                                  | Bowen/Surat Basin |  | Sq Km: 257        | 28-Feb-2011 |
| <i>Pringle Downs, Roma</i>            |                   |  |                   |             |
| Associated Petroleum Pty Ltd*         |                   |  | 85.00             |             |
| Interstate Pipelines Pty Ltd          |                   |  | 15.00             |             |
| PL 7                                  | Bowen/Surat Basin |  | Sq Km: 26         | 28-Feb-2011 |
| <i>Blyth Creek, Richmond</i>          |                   |  |                   |             |
| Associated Petroleum Pty Ltd*         |                   |  | 85.00             |             |
| Interstate Pipelines Pty Ltd          |                   |  | 15.00             |             |
| PL 8                                  | Bowen/Surat Basin |  | Sq Km: 257        | 28-Feb-2011 |
| <i>Wallumbilla South</i>              |                   |  |                   |             |
| Associated Petroleum Pty Ltd*         |                   |  | 85.00             |             |
| Interstate Pipelines Pty Ltd          |                   |  | 15.00             |             |
| PL 9                                  | Bowen/Surat Basin |  | Sq Km: 257        | 28-Feb-2011 |
| <i>Anabranb, Maffra</i>               |                   |  |                   |             |
| Associated Petroleum Pty Ltd*         |                   |  | 85.00             |             |
| Interstate Pipelines Pty Ltd          |                   |  | 15.00             |             |
| PL10                                  | Bowen/Surat Basin |  | Sq Km: 26         | 28-Feb-2011 |
| <i>Bony Creek, Tarrawonga</i>         |                   |  |                   |             |
| Associated Petroleum Pty Ltd*         |                   |  | 85.00             |             |
| Interstate Pipelines Pty Ltd          |                   |  | 15.00             |             |
| PL11                                  | Bowen/Surat Basin |  | Sq Km: 257        | 28-Feb-2011 |
| <i>Back Creek, Tarrawonga</i>         |                   |  |                   |             |
| Associated Petroleum Pty Ltd*         |                   |  | 85.00             |             |
| Interstate Pipelines Pty Ltd          |                   |  | 15.00             |             |
| PL12                                  | Bowen/Surat Basin |  | Sq Km: 257        | 28-Feb-2011 |
| <i>Oberina, Trinidad</i>              |                   |  |                   |             |
| Associated Petroleum Pty Ltd*         |                   |  | 85.00             |             |
| Interstate Pipelines Pty Ltd          |                   |  | 15.00             |             |
| PL13                                  | Bowen/Surat Basin |  | Sq Km: 26         | 31-Oct-1992 |
| <i>Pleasant Hills</i>                 |                   |  |                   |             |
| Associated Petroleum Pty Ltd*         |                   |  | 85.00             |             |
| Interstate Pipelines Pty Ltd          |                   |  | 15.00             |             |
| PL14                                  | Bowen/Surat Basin |  | Sq Km: 252        | 31-May-2007 |
| <i>Kinoora</i>                        |                   |  |                   |             |
| Oil Company of Australia Ltd*         |                   |  | 100.00            |             |
| PL15                                  | Bowen/Surat Basin |  | Sq Km: 259        | 29-Apr-2019 |
| <i>Boxleigh</i>                       |                   |  |                   |             |
| Mosaic Oil QLD Pty Ltd*               |                   |  | 100.00            |             |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                             |                       |             |  |  |
|-----------------------------------|-----------------------|-------------|--|--|
| <b>Accumulation</b>               |                       |             |  |  |
| Company (Operator*)               | Equity                | Expiry Date |  |  |
| <b>PL16</b> Bowen/Surat Basin     | Sq Km: 259            | 29-Apr-2019 |  |  |
| <i>Silver Springs</i>             |                       |             |  |  |
| Mosaic Oil QLD Pty Ltd*           | 100.00                |             |  |  |
| <b>PL17</b> Bowen/Surat Basin     | Blocks: 88 Sq Km: 104 | 28-Feb-1999 |  |  |
| <i>Bennett</i>                    |                       |             |  |  |
| Santos Exploration Pty Ltd*       | 60.00                 |             |  |  |
| Golden West Hydrocarbons Pty Ltd  | 3.30                  |             |  |  |
| Petromin NL                       | 10.00                 |             |  |  |
| Timor Oil Ltd                     | 26.70                 |             |  |  |
| <b>PL18</b> Bowen/Surat Basin     | Sq Km: 184            | 31-Aug-2005 |  |  |
| <i>Yellowbank Creek</i>           |                       |             |  |  |
| Brisbane Petroleum NL*            | 50.00                 |             |  |  |
| Delbaere Associates Pty Ltd       | 50.00                 |             |  |  |
| <b>PL21</b> Bowen/Surat Basin     | Sq Km: 260            | 18-Apr-2004 |  |  |
| <i>Beldens, Royston</i>           |                       |             |  |  |
| Oil Company of Australia Ltd*     | 64.00                 |             |  |  |
| Alliance Minerals Australia NL    | 12.50                 |             |  |  |
| Angari Pty Ltd                    | 4.50                  |             |  |  |
| Oil Investments Ltd               | 19.00                 |             |  |  |
| <b>PL22</b> Bowen/Surat Basin     | Sq Km: 230            | 31-May-2004 |  |  |
| <i>Waratab</i>                    |                       |             |  |  |
| Oil Company of Australia Ltd*     | 64.00                 |             |  |  |
| Alliance Minerals Australia NL    | 12.50                 |             |  |  |
| Angari Pty Ltd                    | 4.50                  |             |  |  |
| Oil Investments Ltd               | 19.00                 |             |  |  |
| <b>PL23</b> Cooper/Eromanga Basin | Sq Km: 234            | 31-Aug-2004 |  |  |
| <i>Jackson</i>                    |                       |             |  |  |
| Santos Ltd*                       | 40.00                 |             |  |  |
| Australian Gasfields Ltd          | 2.00                  |             |  |  |
| Delhi Petroleum Pty Ltd           | 32.00                 |             |  |  |
| Drillsearch Energy NL             | 2.00                  |             |  |  |
| Inland Oil (Production) Pty Ltd   | 2.00                  |             |  |  |
| Mawson Petroleum NL               | 6.50                  |             |  |  |
| Vamgas Pty Ltd                    | 15.50                 |             |  |  |
| <b>PL24</b> Cooper/Eromanga Basin | Sq Km: 200            | 14-Dec-2003 |  |  |
| <i>Jackson South</i>              |                       |             |  |  |
| Santos Ltd*                       | 40.00                 |             |  |  |
| Australian Gasfields Ltd          | 2.00                  |             |  |  |
| Delhi Petroleum Pty Ltd           | 32.00                 |             |  |  |
| Drillsearch Energy NL             | 2.00                  |             |  |  |
| Inland Oil (Production) Pty Ltd   | 2.00                  |             |  |  |
| Mawson Petroleum NL               | 6.50                  |             |  |  |
| Vamgas Pty Ltd                    | 15.50                 |             |  |  |
| <b>PL25</b> Cooper/Eromanga Basin | Sq Km: 257            | 28-Feb-2005 |  |  |
| <i>Nacconlab South</i>            |                       |             |  |  |
| Santos Ltd*                       | 40.00                 |             |  |  |
| Australian Gasfields Ltd          | 2.00                  |             |  |  |
| Delhi Petroleum Pty Ltd           | 32.00                 |             |  |  |
| Drillsearch Energy NL             | 2.00                  |             |  |  |
| Inland Oil (Production) Pty Ltd   | 2.00                  |             |  |  |
| Mawson Petroleum NL               | 6.50                  |             |  |  |
| Vamgas Pty Ltd                    | 15.50                 |             |  |  |
| <b>PL26</b> Cooper/Eromanga Basin | Sq Km: 257            | 28-Feb-2005 |  |  |
| <i>Chookoo</i>                    |                       |             |  |  |
| Santos Ltd*                       | 40.00                 |             |  |  |
| Australian Gasfields Ltd          | 2.00                  |             |  |  |
| Delhi Petroleum Pty Ltd           | 32.00                 |             |  |  |
| Drillsearch Energy NL             | 2.00                  |             |  |  |
| Inland Oil (Production) Pty Ltd   | 2.00                  |             |  |  |
| Mawson Petroleum NL               | 6.50                  |             |  |  |
| Vamgas Pty Ltd                    | 15.50                 |             |  |  |
| <b>PL27</b> Bowen/Surat Basin     | Sq Km: 255            | 31-Aug-2005 |  |  |
| <i>Newstead, Yarrabend</i>        |                       |             |  |  |
| Oil Company of Australia Ltd*     | 64.00                 |             |  |  |
| Alliance Minerals Australia NL    | 12.50                 |             |  |  |
| Angari Pty Ltd                    | 4.50                  |             |  |  |
| Oil Investments Ltd               | 19.00                 |             |  |  |
| <b>PL28</b> Bowen/Surat Basin     | Sq Km: 251            | 30-Nov-2005 |  |  |
| <i>Avondale</i>                   |                       |             |  |  |
| Associated Petroleum Pty Ltd*     | 46.25                 |             |  |  |
| Interstate Pipelines Pty Ltd      | 7.50                  |             |  |  |
| Oil Company of Australia Ltd      | 10.74                 |             |  |  |
| Oil Investments Ltd               | 35.51                 |             |  |  |
| <b>PL29</b> Cooper/Eromanga Basin | Sq Km: 12             | 19-Dec-2005 |  |  |
| <i>Tintaburra</i>                 |                       |             |  |  |
| CPC Energy Pty Ltd                | 1.00                  |             |  |  |
| Drillsearch Energy NL             | 10.00                 |             |  |  |
| Santos (299) Pty Ltd              | 12.00                 |             |  |  |
| Santos Gnuco Pty Ltd              | 77.00                 |             |  |  |

| Title                                |            |             |  |  |
|--------------------------------------|------------|-------------|--|--|
| <b>Accumulation</b>                  |            |             |  |  |
| Company (Operator*)                  | Equity     | Expiry Date |  |  |
| <b>PL30</b> Bowen/Surat Basin        | Sq Km: 37  | 08-Jul-2006 |  |  |
| <i>Riverslea, Yapanyah</i>           |            |             |  |  |
| Angari Pty Ltd*                      | 55.00      |             |  |  |
| Bridge Oil Exploration Pty Ltd       | 7.50       |             |  |  |
| Mosaic Oil NL                        | 10.00      |             |  |  |
| Oil Company of Australia Ltd         | 20.00      |             |  |  |
| Santos (BOL) Pty Ltd                 | 7.50       |             |  |  |
| <b>PL31</b> Cooper/Eromanga Basin    | Sq Km: 260 | 26-May-2006 |  |  |
| <i>Bodalla South</i>                 |            |             |  |  |
| Beach Petroleum NL                   | 80.00      |             |  |  |
| Mawson Petroleum NL                  | 14.75      |             |  |  |
| Petromin Pty Ltd                     | 5.25       |             |  |  |
| <b>PL32</b> Cooper/Eromanga Basin    | Sq Km: 260 | 31-Dec-2006 |  |  |
| <i>Kenmore</i>                       |            |             |  |  |
| Beach Petroleum No Liability*        | 22.00      |             |  |  |
| Beach Petroleum                      | 58.00      |             |  |  |
| Mawson Petroleum NL                  | 14.75      |             |  |  |
| Petromin Pty Ltd                     | 5.25       |             |  |  |
| <b>PL33</b> Cooper/Eromanga Basin    | Sq Km: 257 | 14-Apr-2007 |  |  |
| <i>Kooro, Nockatunga, Winna</i>      |            |             |  |  |
| Chimelle Petroleum Ltd*              | 40.94      |             |  |  |
| Moonie Oil Pty Ltd                   | 33.83      |             |  |  |
| Santos Gnuco Pty Ltd                 | 7.77       |             |  |  |
| Transoil Pty Ltd                     | 17.47      |             |  |  |
| <b>PL34</b> Cooper/Eromanga Basin    | Sq Km: 238 | 10-Jul-2007 |  |  |
| <i>Sigma, Tickalara</i>              |            |             |  |  |
| Santos Ltd*                          | 37.50      |             |  |  |
| Delhi Petroleum Pty Ltd              | 30.00      |             |  |  |
| Santos Petroleum Pty Ltd             | 25.00      |             |  |  |
| Vamgas Pty Ltd                       | 7.50       |             |  |  |
| <b>PL35</b> Cooper/Eromanga Basin    | Sq Km: 136 | 10-Jul-2007 |  |  |
| <i>Watson, Watson South</i>          |            |             |  |  |
| Santos Ltd*                          | 40.00      |             |  |  |
| Australian Gasfields Ltd             | 2.00       |             |  |  |
| Delhi Petroleum Pty Ltd              | 32.00      |             |  |  |
| Drillsearch Energy NL                | 2.00       |             |  |  |
| Inland Oil (Production) Pty Ltd      | 2.00       |             |  |  |
| Mawson Petroleum NL                  | 6.50       |             |  |  |
| Vamgas Pty Ltd                       | 15.50      |             |  |  |
| <b>PL36</b> Cooper/Eromanga Basin    | Sq Km: 61  | 07-Apr-2008 |  |  |
| <i>Nacconlab</i>                     |            |             |  |  |
| Santos Ltd*                          | 40.00      |             |  |  |
| Australian Gasfields Ltd             | 2.00       |             |  |  |
| Delhi Petroleum Pty Ltd              | 32.00      |             |  |  |
| Drillsearch Energy NL                | 2.00       |             |  |  |
| Inland Oil (Production) Pty Ltd      | 2.00       |             |  |  |
| Mawson Petroleum NL                  | 6.50       |             |  |  |
| Vamgas Pty Ltd                       | 15.50      |             |  |  |
| <b>PL37</b> Cooper/Eromanga Basin    | Sq Km: 12  | 18-Sep-2007 |  |  |
| <i>Bramby</i>                        |            |             |  |  |
| Santos Ltd*                          | 37.50      |             |  |  |
| Delhi Petroleum Pty Ltd              | 30.00      |             |  |  |
| Santos Petroleum Pty Ltd             | 25.00      |             |  |  |
| Vamgas Pty Ltd                       | 7.50       |             |  |  |
| <b>PL38</b> Cooper/Eromanga Basin    | Sq Km: 134 | 16-Jun-2008 |  |  |
| <i>Toobunyah</i>                     |            |             |  |  |
| Santos QNT Pty Ltd*                  | 77.00      |             |  |  |
| CPC Energy Pty Ltd                   | 1.00       |             |  |  |
| Drillsearch Energy NL                | 10.00      |             |  |  |
| Santos (299) Pty Ltd                 | 12.00      |             |  |  |
| <b>PL39</b> Cooper/Eromanga Basin    | Sq Km: 107 | 13-Aug-2008 |  |  |
| <i>Talgeberry</i>                    |            |             |  |  |
| CPC Energy Pty Ltd                   | 1.00       |             |  |  |
| Drillsearch Energy NL                | 10.00      |             |  |  |
| Santos (299) Pty Ltd                 | 12.00      |             |  |  |
| Santos QNT Pty Ltd                   | 77.00      |             |  |  |
| <b>PL40</b> Bowen/Surat Basin        | Sq Km: 76  | 13-Sep-2008 |  |  |
| <i>Louise</i>                        |            |             |  |  |
| Brisbane Petroleum NL*               | 50.00      |             |  |  |
| Delbaere Associates Pty Ltd          | 50.00      |             |  |  |
| <b>PL41</b> Bowen/Surat Basin        | Sq Km: 157 | 25-May-2010 |  |  |
| <i>Arcturus</i>                      |            |             |  |  |
| Santos Petroleum Operations Pty Ltd* | 50.00      |             |  |  |
| Oil Company of Australia Ltd         | 50.00      |             |  |  |
| <b>PL42</b> Bowen/Surat Basin        | Sq Km: 150 | 25-May-2010 |  |  |
| <i>Rolleston</i>                     |            |             |  |  |
| Santos Petroleum Operations Pty Ltd* | 50.00      |             |  |  |
| Oil Company of Australia Ltd         | 50.00      |             |  |  |
| <b>PL43</b> Bowen/Surat Basin        | Sq Km: 179 | 25-May-2010 |  |  |
| <i>Yellowbank</i>                    |            |             |  |  |
| Santos Petroleum Operations Pty Ltd* | 50.00      |             |  |  |
| Oil Company of Australia Ltd         | 50.00      |             |  |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                               | Company (Operator*)                    | Equity     | Expiry Date |
|-------------------------------------|--|------------|-------------|
| <b>PL44</b>                         | Bowen/Surat Basin                      | Sq Km: 201 | 25-May-2010 |
| <i>Merivale</i>                     |  |            |             |
|                                     | Santos Petroleum Operations Pty Ltd*   | 50.00      |             |
|                                     | Oil Company of Australia Ltd           | 50.00      |             |
| <b>PL45</b>                         | Bowen/Surat Basin                      | Sq Km: 108 | 25-May-2010 |
| <i>Glentulloch</i>                  |  |            |             |
|                                     | Santos Petroleum Operations Pty Ltd*   | 50.00      |             |
|                                     | Oil Company of Australia Ltd           | 50.00      |             |
| <b>PL46</b>                         | Bowen/Surat Basin                      | Sq Km: 34  | 23-Feb-2010 |
| <i>Fairymount</i>                   |  |            |             |
|                                     | Mosaic Oil NL*                         | 100.00     |             |
| <b>PL47</b>                         | Cooper/Eromanga Basin                  | Sq Km: 28  | 22-Aug-2010 |
| <i>Blackstump</i>                   |  |            |             |
|                                     | Mawson Petroleum NL*                   | 14.75      |             |
|                                     | Beach Petroleum NL                     | 58.00      |             |
|                                     | Beach Petroleum No Liability           | 22.00      |             |
|                                     | Petromin Pty Ltd                       | 5.25       |             |
| <b>PL48</b>                         | Bowen/Surat Basin                      | Sq Km: 7   | 31-Jan-2011 |
| <i>Noona Block</i>                  |  |            |             |
|                                     | Mosaic Oil QLD Pty Ltd*                | 100.00     |             |
| <b>PL49</b>                         | Bowen/Surat Basin                      | Sq Km: 22  | 31-Jan-2011 |
| <i>Taylor</i>                       |  |            |             |
|                                     | Mosaic Oil QLD Pty Ltd*                | 100.00     |             |
| <b>PL50</b>                         | Cooper/Eromanga Basin                  | Sq Km: 49  | 27-Jun-2011 |
| <i>Maxwell, Maxwell South</i>       |  |            |             |
|                                     | Transoil Pty Ltd*                      | 17.47      |             |
|                                     | Chimelle Petroleum Ltd                 | 40.94      |             |
|                                     | Moonie Oil Pty Ltd                     | 33.83      |             |
|                                     | Santos Gnuco Pty Ltd                   | 7.77       |             |
| <b>PL51</b>                         | Cooper/Eromanga Basin                  | Sq Km: 55  | 27-Jun-2011 |
| <i>Dilkeria, Muthero, Thungo</i>    |  |            |             |
|                                     | Transoil Pty Ltd*                      | 17.47      |             |
|                                     | Chimelle Petroleum Ltd                 | 40.94      |             |
|                                     | Moonie Oil Pty Ltd                     | 33.83      |             |
|                                     | Santos Gnuco Pty Ltd                   | 7.77       |             |
| <b>PL52</b>                         | Cooper/Eromanga Basin                  | Sq Km: 70  | 27-Jun-2011 |
| <i>Ipundu, Ipundu North, Tarbut</i> |  |            |             |
|                                     | Santos QNT Pty Ltd*                    | 77.00      |             |
|                                     | CPC Energy Pty Ltd                     | 1.00       |             |
|                                     | Drillsearch Energy NL                  | 10.00      |             |
|                                     | Santos (299) Pty Ltd                   | 12.00      |             |
| <b>PL53</b>                         | Bowen/Surat Basin                      | Sq Km: 46  | 10-Sep-2011 |
| <i>Yambule</i>                      |  |            |             |
|                                     | Oil Company of Australia Ltd*          | 100.00     |             |
| <b>PL54</b>                         | Bowen/Surat Basin                      | Sq Km: 34  | 27-Mar-2012 |
| <i>Moorooloo</i>                    |  |            |             |
|                                     | Santos Petroleum Operations Pty Ltd*   | 50.00      |             |
|                                     | Oil Company of Australia Ltd           | 50.00      |             |
| <b>PL55</b>                         | Cooper/Eromanga Basin                  | Sq Km: 19  | 12-Jun-2012 |
| <i>Munro</i>                        |  |            |             |
|                                     | Santos Ltd*                            | 52.00      |             |
|                                     | Delhi Petroleum Pty Ltd                | 40.00      |             |
|                                     | Vamgas Pty Ltd                         | 8.00       |             |
| <b>PL56</b>                         | Bowen/Surat Basin                      | Sq Km: 19  | 29-Jan-2011 |
| <i>Broadway</i>                     |  |            |             |
|                                     | Angari Pty Ltd*                        | 49.00      |             |
|                                     | Bridge Oil Exploration Pty Ltd         | 7.50       |             |
|                                     | Mosaic Oil NL                          | 10.00      |             |
|                                     | Mosaic Oil QLD Pty Ltd                 | 6.00       |             |
|                                     | Oil Company of Australia Ltd           | 20.00      |             |
|                                     | Santos (BOL) Pty Ltd                   | 7.50       |             |
| <b>PL57</b>                         | Cooper/Eromanga Basin                  | Sq Km: 19  | 15-Apr-2013 |
| <i>Endearour</i>                    |  |            |             |
|                                     | CPC Energy Pty Ltd                     | 1.00       |             |
|                                     | Drillsearch Energy NL                  | 10.00      |             |
|                                     | Santos Gnuco Pty Ltd                   | 12.00      |             |
|                                     | Santos QNT Pty Ltd                     | 77.00      |             |
| <b>PL58</b>                         | Cooper/Eromanga Basin                  | Sq Km: 62  | 15-Apr-2034 |
| <i>Challum</i>                      |  |            |             |
|                                     | Santos Ltd*                            | 57.50      |             |
|                                     | Delhi Petroleum Pty Ltd                | 30.00      |             |
|                                     | Santos Australian Hydrocarbons Pty Ltd | 5.00       |             |
|                                     | Vamgas Pty Ltd                         | 7.50       |             |
| <b>PL59</b>                         | Cooper/Eromanga Basin                  | Sq Km: 96  | 15-Apr-2034 |
| <i>Challum</i>                      |  |            |             |
|                                     | Santos Ltd*                            | 25.00      |             |
|                                     | Delhi Petroleum Pty Ltd                | 20.00      |             |
|                                     | Origin Energy Resources Ltd            | 25.00      |             |
|                                     | Santos Petroleum Pty Ltd               | 25.00      |             |
|                                     | Vamgas Pty Ltd                         | 5.00       |             |

| Title                               | Company (Operator*)                 | Equity               | Expiry Date |
|-------------------------------------|-------------------------------------|----------------------|-------------|
| <b>PL60</b>                         | Cooper/Eromanga Basin               | Sq Km: 70            | 15-Apr-2019 |
| <i>Munkab</i>                       |                                     |                      |             |
|                                     | Santos Ltd*                         | 25.00                |             |
|                                     | Delhi Petroleum Pty Ltd             | 20.00                |             |
|                                     | Origin Energy Resources Ltd         | 25.00                |             |
|                                     | Santos Petroleum Pty Ltd            | 25.00                |             |
|                                     | Vamgas Pty Ltd                      | 5.00                 |             |
| <b>PL61</b>                         | Cooper/Eromanga Basin               | Sq Km: 158           | 15-Apr-2019 |
| <i>Ballera, Ballera West, Yanda</i> |                                     |                      |             |
|                                     | Santos Ltd*                         | 25.00                |             |
|                                     | Delhi Petroleum Pty Ltd             | 20.00                |             |
|                                     | Origin Energy Resources Ltd         | 25.00                |             |
|                                     | Santos Petroleum Pty Ltd            | 25.00                |             |
|                                     | Vamgas Pty Ltd                      | 5.00                 |             |
| <b>PL62</b>                         | Cooper/Eromanga Basin               | Sq Km: 65            | 01-Mar-2004 |
| <i>Judga</i>                        |                                     |                      |             |
|                                     | Santos Ltd*                         | 40.00                |             |
|                                     | Australian Gasfields Ltd            | 2.00                 |             |
|                                     | Delhi Petroleum Pty Ltd             | 32.00                |             |
|                                     | Drillsearch Energy NL               | 2.00                 |             |
|                                     | Inland Oil (Production) Pty Ltd     | 2.00                 |             |
|                                     | Mawson Petroleum NL                 | 6.50                 |             |
|                                     | Vamgas Pty Ltd                      | 15.50                |             |
| <b>PL63</b>                         | Cooper/Eromanga Basin               | Sq Km: 145           | 24-Jun-2017 |
| <i>Epsilon</i>                      |                                     |                      |             |
|                                     | Santos Ltd*                         | 37.50                |             |
|                                     | Delhi Petroleum Pty Ltd             | 30.00                |             |
|                                     | Santos Petroleum Pty Ltd            | 25.00                |             |
|                                     | Vamgas Pty Ltd                      | 7.50                 |             |
| <b>PL64</b>                         | Bowen/Surat Basin                   | Sq Km: 49            | 19-Aug-2013 |
| <i>Cogoon</i>                       |                                     |                      |             |
|                                     | Oil Company of Australia Ltd*       | 83.00                |             |
|                                     | Alliance Minerals Australia NL      | 12.50                |             |
|                                     | Angari Pty Ltd                      | 4.50                 |             |
| <b>PL65</b>                         | Adavale Basin                       | Sq Km: 59            | 15-Dec-2014 |
| <i>Gilmore</i>                      |                                     |                      |             |
|                                     | Australian Gasfields Ltd*           | 100.00               |             |
| <b>PL66</b>                         | Cooper/Eromanga Basin               | Sq Km: 125           | 23-Feb-2007 |
| <i>Roswin</i>                       |                                     |                      |             |
|                                     | Mosaic Oil QLD Pty Ltd*             | 100.00               |             |
| <b>PL67</b>                         | Bowen/Surat Basin                   | Sq Km: 113           | 23-Jun-2011 |
| <i>Turkey Creek</i>                 |                                     |                      |             |
|                                     | Oil Company of Australia Ltd*       | 50.00                |             |
|                                     | Santos Petroleum Operations Pty Ltd | 50.00                |             |
| <b>PL68</b>                         | Cooper/Eromanga Basin               | Sq Km: 25            | 08-Dec-2001 |
| <i>Coopers Creek</i>                |                                     |                      |             |
|                                     | Santos Ltd*                         | 37.50                |             |
|                                     | Delhi Petroleum Pty Ltd             | 30.00                |             |
|                                     | Santos Petroleum Pty Ltd            | 25.00                |             |
|                                     | Vamgas Pty Ltd                      | 7.50                 |             |
| <b>PL69</b>                         | Cooper/Eromanga Basin               | Blocks: 4 Sq Km: 303 | 08-Dec-1999 |
|                                     | Associated Petroleum Pty Ltd*       | 46.25                |             |
|                                     | Interstate Pipelines Pty Ltd        | 7.50                 |             |
|                                     | Oil Company of Australia Ltd        | 10.74                |             |
|                                     | Oil Investments Ltd                 | 35.51                |             |
| <b>PL70</b>                         | Cooper/Eromanga Basin               | Sq Km: 3             | 06-Jul-2000 |
| <i>Berwick</i>                      |                                     |                      |             |
|                                     | Oil Company of Australia Ltd*       | 100.00               |             |
| <b>PL71</b>                         | Bowen/Surat Basin                   | Sq Km: 134           | 15-Dec-2014 |
| <i>Namarah, Parknook</i>            |                                     |                      |             |
|                                     | Angari Pty Ltd*                     | 67.50                |             |
|                                     | Oil Company of Australia Ltd        | 22.50                |             |
|                                     | Santos Exploration Pty Ltd          | 10.00                |             |
| <b>PL72</b>                         | Bowen/Surat Basin                   | Sq Km: 18            | 26-Apr-2000 |
| <i>Xyloium</i>                      |                                     |                      |             |
|                                     | Sykes Ian Grant*                    | 100.00               |             |
| <b>PL73</b>                         | Bowen/Surat Basin                   | Sq Km: 3             | 26-Apr-2000 |
| <i>Xylex</i>                        |                                     |                      |             |
|                                     | Sykes Ian Grant*                    | 100.00               |             |
| <b>PL74</b>                         | Bowen/Surat Basin                   | Sq Km: 18            | 14-Dec-2004 |
| <i>Major</i>                        |                                     |                      |             |
|                                     | Oil Company of Australia Ltd*       | 20.00                |             |
|                                     | Angari Pty Ltd                      | 49.00                |             |
|                                     | Bridge Oil Exploration Pty Ltd      | 7.50                 |             |
|                                     | Mosaic Oil NL                       | 10.00                |             |
|                                     | Mosaic Oil QLD Pty Ltd              | 6.00                 |             |
|                                     | Santos (BOL) Pty Ltd                | 7.50                 |             |
| <b>PL75</b>                         | Cooper/Eromanga Basin               | Sq Km: 12            | 23-Nov-2008 |
| <i>Orientas</i>                     |                                     |                      |             |
|                                     | Santos Ltd*                         | 37.50                |             |
|                                     | Delhi Petroleum Pty Ltd             | 30.00                |             |
|                                     | Santos Petroleum Pty Ltd            | 25.00                |             |
|                                     | Vamgas Pty Ltd                      | 7.50                 |             |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                   |           |             |  |
|---|-----------|-------------|--|
| <b>Accumulation</b>                     |           |             |  |
| Company (Operator*)                     | Equity    | Expiry Date |  |
| <b>PL76</b> Cooper/Eromanga Basin       | Sq Km: 39 | 23-Nov-2008 |  |
| <i>Bolan, Corella, Echuburra, Natan</i> |           |             |  |
| Santos Ltd*                             | 40.00     |             |  |
| Australian Gasfields Ltd                | 2.00      |             |  |
| Delhi Petroleum Pty Ltd                 | 32.00     |             |  |
| Drillsearch Energy NL                   | 2.00      |             |  |
| Inland Oil (Production) Pty Ltd         | 2.00      |             |  |
| Mawson Petroleum NL                     | 6.50      |             |  |
| Vamgas Pty Ltd                          | 15.50     |             |  |
| <b>PL77</b> Cooper/Eromanga Basin       | Sq Km: 12 | 23-Nov-2004 |  |
| <i>Jarrar</i>                           |           |             |  |
| Santos Ltd*                             | 40.00     |             |  |
| Australian Gasfields Ltd                | 2.00      |             |  |
| Delhi Petroleum Pty Ltd                 | 32.00     |             |  |
| Drillsearch Energy NL                   | 2.00      |             |  |
| Inland Oil (Production) Pty Ltd         | 2.00      |             |  |
| Mawson Petroleum NL                     | 6.50      |             |  |
| Vamgas Pty Ltd                          | 15.50     |             |  |
| <b>PL78</b> Cooper/Eromanga Basin       | Sq Km: 12 | 23-Nov-2008 |  |
| <i>Bowen</i>                            |           |             |  |
| Santos Ltd*                             | 40.00     |             |  |
| Australian Gasfields Ltd                | 2.00      |             |  |
| Delhi Petroleum Pty Ltd                 | 32.00     |             |  |
| Drillsearch Energy NL                   | 2.00      |             |  |
| Inland Oil (Production) Pty Ltd         | 2.00      |             |  |
| Mawson Petroleum NL                     | 6.50      |             |  |
| Vamgas Pty Ltd                          | 15.50     |             |  |
| <b>PL79</b> Cooper/Eromanga Basin       | Sq Km: 7  | 06-Sep-2020 |  |
| <i>Costa</i>                            |           |             |  |
| Santos Ltd*                             | 40.00     |             |  |
| Australian Gasfields Ltd                | 2.00      |             |  |
| Delhi Petroleum Pty Ltd                 | 32.00     |             |  |
| Drillsearch Energy NL                   | 2.00      |             |  |
| Inland Oil (Production) Pty Ltd         | 2.00      |             |  |
| Mawson Petroleum NL                     | 6.50      |             |  |
| Vamgas Pty Ltd                          | 15.50     |             |  |
| <b>PL80</b> Cooper/Eromanga Basin       | Sq Km: 92 | 06-Sep-2032 |  |
| <i>Durham Downs</i>                     |           |             |  |
| Santos Ltd*                             | 57.50     |             |  |
| Delhi Petroleum Pty Ltd                 | 30.00     |             |  |
| Santos Australian Hydrocarbons Pty Ltd  | 5.00      |             |  |
| Vamgas Pty Ltd                          | 7.50      |             |  |
| <b>PL81</b> Cooper/Eromanga Basin       | Sq Km: 40 | 06-Sep-2020 |  |
| <i>Karmona</i>                          |           |             |  |
| Santos Ltd*                             | 25.00     |             |  |
| Delhi Petroleum Pty Ltd                 | 20.00     |             |  |
| Origin Energy Resources Ltd             | 25.00     |             |  |
| Santos Petroleum Pty Ltd                | 25.00     |             |  |
| Vamgas Pty Ltd                          | 5.00      |             |  |
| <b>PL82</b> Cooper/Eromanga Basin       | Sq Km: 10 | 06-Sep-2020 |  |
| <i>Okatoke East</i>                     |           |             |  |
| Santos Ltd*                             | 40.00     |             |  |
| Australian Gasfields Ltd                | 2.00      |             |  |
| Delhi Petroleum Pty Ltd                 | 32.00     |             |  |
| Drillsearch Energy NL                   | 2.00      |             |  |
| Inland Oil (Production) Pty Ltd         | 2.00      |             |  |
| Mawson Petroleum NL                     | 6.50      |             |  |
| Vamgas Pty Ltd                          | 15.50     |             |  |
| <b>PL83</b> Cooper/Eromanga Basin       | Sq Km: 6  | 06-Sep-2020 |  |
| <i>Okatoke West</i>                     |           |             |  |
| Santos Ltd*                             | 25.00     |             |  |
| Delhi Petroleum Pty Ltd                 | 20.00     |             |  |
| Origin Energy Resources Ltd             | 25.00     |             |  |
| Santos Petroleum Pty Ltd                | 25.00     |             |  |
| Vamgas Pty Ltd                          | 5.00      |             |  |
| <b>PL84</b> Cooper/Eromanga Basin       | Sq Km: 48 | 06-Sep-2020 |  |
| <i>Stokes</i>                           |           |             |  |
| Santos Ltd*                             | 37.50     |             |  |
| Delhi Petroleum Pty Ltd                 | 30.00     |             |  |
| Santos Petroleum Pty Ltd                | 25.00     |             |  |
| Vamgas Pty Ltd                          | 7.50      |             |  |
| <b>PL85</b> Cooper/Eromanga Basin       | Sq Km: 17 | 06-Sep-2032 |  |
| <i>Wackett</i>                          |           |             |  |
| Santos Ltd*                             | 25.00     |             |  |
| Delhi Petroleum Pty Ltd                 | 20.00     |             |  |
| Origin Energy Resources Ltd             | 25.00     |             |  |
| Santos Petroleum Pty Ltd                | 25.00     |             |  |
| Vamgas Pty Ltd                          | 5.00      |             |  |

| Title  |            |             |  |
|--|------------|-------------|--|
| <b>Accumulation</b>                              |            |             |  |
| Company (Operator*)                              | Equity     | Expiry Date |  |
| <b>PL86</b> Cooper/Eromanga Basin                | Sq Km: 11  | 06-Sep-2032 |  |
| <i>Wackett</i>                                   |            |             |  |
| Santos Ltd*                                      | 28.13      |             |  |
| Delhi Petroleum Pty Ltd                          | 22.50      |             |  |
| Origin Energy Resources Ltd                      | 25.00      |             |  |
| Santos Petroleum Pty Ltd                         | 18.75      |             |  |
| Vamgas Pty Ltd                                   | 5.63       |             |  |
| <b>PL87</b> Cooper/Eromanga Basin                | Sq Km: 27  | 06-Sep-2020 |  |
| <i>Wippo</i>                                     |            |             |  |
| Santos Ltd*                                      | 40.00      |             |  |
| Australian Gasfields Ltd                         | 2.00       |             |  |
| Delhi Petroleum Pty Ltd                          | 32.00      |             |  |
| Drillsearch Energy NL                            | 2.00       |             |  |
| Inland Oil (Production) Pty Ltd                  | 2.00       |             |  |
| Mawson Petroleum NL                              | 6.50       |             |  |
| Vamgas Pty Ltd                                   | 15.50      |             |  |
| <b>PL88</b> Cooper/Eromanga Basin                | Sq Km: 45  | 06-Sep-2020 |  |
| <i>Wolgalla</i>                                  |            |             |  |
| Santos Ltd*                                      | 37.50      |             |  |
| Delhi Petroleum Pty Ltd                          | 30.00      |             |  |
| Santos Petroleum Pty Ltd                         | 25.00      |             |  |
| Vamgas Pty Ltd                                   | 7.50       |             |  |
| <b>PL89</b> Bowen/Surat Basin                    | Sq Km: 59  | 06-Dec-2002 |  |
| <i>Blackbutt, Bloodwood</i>                      |            |             |  |
| Associated Petroleum Pty Ltd*                    | 46.25      |             |  |
| Interstate Pipelines Pty Ltd                     | 7.50       |             |  |
| Oil Company of Australia Ltd                     | 10.74      |             |  |
| Oil Investments Ltd                              | 35.51      |             |  |
| <b>PL90</b> Bowen/Surat Basin                    | Sq Km: 232 | 29-Nov-2029 |  |
| <i>Fairview</i>                                  |            |             |  |
| Tri-Star Petroleum Company*                      | 100.00     |             |  |
| <b>PL91</b> Bowen/Surat Basin                    | Sq Km: 232 | 29-Nov-2029 |  |
| <i>Fairview</i>                                  |            |             |  |
| Tri-Star Petroleum Company*                      | 100.00     |             |  |
| <b>PL92</b> Bowen/Surat Basin                    | Sq Km: 232 | 29-Nov-2029 |  |
| <i>Fairview</i>                                  |            |             |  |
| Tri-Star Petroleum Company*                      | 100.00     |             |  |
| <b>PL93</b> Bowen/Surat Basin                    | Sq Km: 7   | 06-Dec-2002 |  |
| <i>Stakeyard</i>                                 |            |             |  |
| Associated Petroleum Pty Ltd*                    | 85.00      |             |  |
| Interstate Pipelines Pty Ltd                     | 15.00      |             |  |
| <b>PL94</b> Bowen/Surat Basin                    | Sq Km: 209 | 17-Apr-2032 |  |
| <i>Moura</i>                                     |            |             |  |
| Oil Company of Australia (Moura) Pty Ltd*        | 100.00     |             |  |
| <b>PL95</b> Cooper/Eromanga Basin                | Sq Km: 12  | 25-Aug-2019 |  |
| <i>Monler</i>                                    |            |             |  |
| Santos QNT Pty Ltd*                              | 77.00      |             |  |
| CPC Energy Pty Ltd                               | 1.00       |             |  |
| Drillsearch Energy NL                            | 10.00      |             |  |
| Santos (299) Pty Ltd                             | 12.00      |             |  |
| <b>PL97</b> Cooper/Eromanga Basin                | Sq Km: 28  | 25-Aug-2014 |  |
| <i>Cook</i>                                      |            |             |  |
| Santos Ltd*                                      | 25.00      |             |  |
| Delhi Petroleum Pty Ltd                          | 20.00      |             |  |
| Origin Energy Resources Ltd                      | 25.00      |             |  |
| Santos Petroleum Pty Ltd                         | 25.00      |             |  |
| Vamgas Pty Ltd                                   | 5.00       |             |  |
| <b>PL98</b> Cooper/Eromanga Basin                | Sq Km: 40  | 23-Oct-2021 |  |
| <i>Inland</i>                                    |            |             |  |
| IOR Exploration Pty Ltd*                         | 29.38      |             |  |
| Inland Oil (Production) Pty Ltd                  | 20.00      |             |  |
| Innovative Technological Geo-Exploration Pty Ltd | 28.22      |             |  |
| Moroil Pty Ltd                                   | 22.40      |             |  |
| <b>PL99</b> Bowen/Surat Basin                    | Sq Km: 232 | 15-Dec-2033 |  |
| <i>Fairview</i>                                  |            |             |  |
| Tri-Star Petroleum Company*                      | 100.00     |             |  |
| <b>PL100</b> Bowen/Surat Basin                   | Sq Km: 232 | 15-Dec-2033 |  |
| <i>Fairview</i>                                  |            |             |  |
| Tri-Star Petroleum Company*                      | 100.00     |             |  |
| <b>PL101</b> Bowen/Surat Basin                   | Sq Km: 240 | 20-Nov-2031 |  |
| <i>Peat</i>                                      |            |             |  |
| Oil Company of Australia Ltd*                    | 50.00      |             |  |
| Oil Company of Australia (Moura) Pty Ltd         | 50.00      |             |  |
| <b>PL105</b> Cooper/Eromanga Basin               | Sq Km: 13  | 28-Oct-2008 |  |
| <i>Rofi</i>                                      |            |             |  |
| Santos Ltd*                                      | 40.00      |             |  |
| Australian Gasfields Ltd                         | 2.00       |             |  |
| Delhi Petroleum Pty Ltd                          | 32.00      |             |  |
| Drillsearch Energy NL                            | 2.00       |             |  |
| Inland Oil (Production) Pty Ltd                  | 2.00       |             |  |
| Mawson Petroleum NL                              | 6.50       |             |  |
| Vamgas Pty Ltd                                   | 15.50      |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                  |           |             |  |
|--|-----------|-------------|--|
| <b>Accumulation</b>                    |           |             |  |
| Company (Operator*)                    | Equity    | Expiry Date |  |
| <b>PL106</b> Cooper/Eromanga Basin     | Sq Km: 6  | 28-Oct-2006 |  |
| <i>Okatoke West</i>                    |           |             |  |
| Santos Ltd*                            | 25.00     |             |  |
| Delhi Petroleum Pty Ltd                | 20.00     |             |  |
| Origin Energy Resources Ltd            | 25.00     |             |  |
| Santos Petroleum Pty Ltd               | 25.00     |             |  |
| Vamgas Pty Ltd                         | 5.00      |             |  |
| <b>PL107</b> Cooper/Eromanga Basin     | Sq Km: 13 | 28-Oct-2008 |  |
| <i>Okatoke East</i>                    |           |             |  |
| Santos Ltd*                            | 40.00     |             |  |
| Australian Gasfields Ltd               | 2.00      |             |  |
| Delhi Petroleum Pty Ltd                | 32.00     |             |  |
| Drillsearch Energy NL                  | 2.00      |             |  |
| Inland Oil (Production) Pty Ltd        | 2.00      |             |  |
| Mawson Petroleum NL                    | 6.50      |             |  |
| Vamgas Pty Ltd                         | 15.50     |             |  |
| <b>PL108</b> Cooper/Eromanga Basin     | Sq Km: 6  | 28-Oct-2028 |  |
| <i>Costa South</i>                     |           |             |  |
| Santos Ltd*                            | 25.00     |             |  |
| Delhi Petroleum Pty Ltd                | 20.00     |             |  |
| Origin Energy Resources Ltd            | 25.00     |             |  |
| Santos Petroleum Pty Ltd               | 25.00     |             |  |
| Vamgas Pty Ltd                         | 5.00      |             |  |
| <b>PL109</b> Cooper/Eromanga Basin     | Sq Km: 10 | 29-Oct-2013 |  |
| <i>Judga North</i>                     |           |             |  |
| Santos Ltd*                            | 40.00     |             |  |
| Australian Gasfields Ltd               | 2.00      |             |  |
| Delhi Petroleum Pty Ltd                | 32.00     |             |  |
| Drillsearch Energy NL                  | 2.00      |             |  |
| Inland Oil (Production) Pty Ltd        | 2.00      |             |  |
| Mawson Petroleum NL                    | 6.50      |             |  |
| Vamgas Pty Ltd                         | 15.50     |             |  |
| <b>PL110</b> Cooper/Eromanga Basin     | Sq Km: 18 | 29-Oct-2013 |  |
| <i>Stokes North</i>                    |           |             |  |
| Santos Ltd*                            | 37.50     |             |  |
| Delhi Petroleum Pty Ltd                | 30.00     |             |  |
| Santos Petroleum Pty Ltd               | 25.00     |             |  |
| Vamgas Pty Ltd                         | 7.50      |             |  |
| <b>PL111</b> Cooper/Eromanga Basin     | Sq Km: 18 | 28-Oct-2016 |  |
| <i>Yawa</i>                            |           |             |  |
| Santos Petroleum Pty Ltd*              | 25.00     |             |  |
| Delhi Petroleum Pty Ltd                | 20.00     |             |  |
| Origin Energy Resources Ltd            | 25.00     |             |  |
| Santos Ltd                             | 25.00     |             |  |
| Vamgas Pty Ltd                         | 5.00      |             |  |
| <b>PL112</b> Cooper/Eromanga Basin     | Sq Km: 92 | 10-Mar-2047 |  |
| <i>Barroolka</i>                       |           |             |  |
| Santos Ltd*                            | 25.00     |             |  |
| Delhi Petroleum Pty Ltd                | 20.00     |             |  |
| Origin Energy Resources Ltd            | 25.00     |             |  |
| Santos Petroleum Pty Ltd               | 25.00     |             |  |
| Vamgas Pty Ltd                         | 5.00      |             |  |
| <b>PL113</b> Cooper/Eromanga Basin     | Sq Km: 73 | 28-Oct-2018 |  |
| <i>Turtulla</i>                        |           |             |  |
| Santos Ltd*                            | 52.00     |             |  |
| Delhi Petroleum Pty Ltd                | 28.80     |             |  |
| Origin Energy Resources Ltd            | 10.00     |             |  |
| Santos Australian Hydrocarbons Pty Ltd | 2.00      |             |  |
| Vamgas Pty Ltd                         | 7.20      |             |  |
| <b>PL114</b> Cooper/Eromanga Basin     | Sq Km: 55 | 29-Oct-2021 |  |
| <i>Wareena</i>                         |           |             |  |
| Santos Ltd*                            | 52.00     |             |  |
| Delhi Petroleum Pty Ltd                | 28.80     |             |  |
| Origin Energy Resources Ltd            | 10.00     |             |  |
| Santos Australian Hydrocarbons Pty Ltd | 2.00      |             |  |
| Vamgas Pty Ltd                         | 7.20      |             |  |
| <b>PL115</b> Cooper/Eromanga Basin     | Sq Km: 52 | 28-Sep-2019 |  |
| <i>Bunya</i>                           |           |             |  |
| Australian Gasfields Ltd*              | 100.00    |             |  |
| <b>PL116</b> Cooper/Eromanga Basin     | Sq Km: 34 | 28-Sep-2019 |  |
| <i>Cocos</i>                           |           |             |  |
| Australian Gasfields Ltd*              | 100.00    |             |  |
| <b>PL117</b> Cooper/Eromanga Basin     | Sq Km: 49 | 28-Sep-2019 |  |
| <i>Vernon</i>                          |           |             |  |
| Vernon E. Faulconer Australia Inc.*    | 100.00    |             |  |
| <b>PL119</b> Bowen/Surat Basin         | Sq Km: 21 | 11-Nov-2010 |  |
| <i>Downlands</i>                       |           |             |  |
| Mosaic Oil NL*                         | 71.11     |             |  |
| Mosaic Oil QLD Pty Ltd                 | 12.22     |             |  |
| Santos (BOL) Pty Ltd                   | 16.67     |             |  |

| Title  |            |             |  |
|--|------------|-------------|--|
| <b>Accumulation</b>                              |            |             |  |
| Company (Operator*)                              | Equity     | Expiry Date |  |
| <b>PL129</b> Cooper/Eromanga Basin               | Sq Km: 45  | 15-Dec-2037 |  |
| <i>Ashby, Ashby North</i>                        |            |             |  |
| Santos Ltd*                                      | 37.50      |             |  |
| Delhi Petroleum Pty Ltd                          | 30.00      |             |  |
| Santos Petroleum Pty Ltd                         | 25.00      |             |  |
| Vamgas Pty Ltd                                   | 7.50       |             |  |
| <b>PL130</b> Cooper/Eromanga Basin               | Sq Km: 30  | 23-Jun-2024 |  |
| <i>Chiron</i>                                    |            |             |  |
| Santos Ltd*                                      | 37.50      |             |  |
| Delhi Petroleum Pty Ltd                          | 30.00      |             |  |
| Santos Petroleum Pty Ltd                         | 25.00      |             |  |
| Vamgas Pty Ltd                                   | 7.50       |             |  |
| <b>PL131</b> Cooper/Eromanga Basin               | Sq Km: 225 | 23-Jun-2050 |  |
| <i>Baryulab, Baryulab East, Hera, Juno, Vega</i> |            |             |  |
| Santos Ltd*                                      | 28.13      |             |  |
| Delhi Petroleum Pty Ltd                          | 22.50      |             |  |
| Origin Energy Resources Ltd                      | 25.00      |             |  |
| Santos Petroleum Pty Ltd                         | 18.75      |             |  |
| Vamgas Pty Ltd                                   | 5.63       |             |  |
| <b>PL132</b> Cooper/Eromanga Basin               | Sq Km: 15  | 23-Jun-2021 |  |
| <i>Costa Central</i>                             |            |             |  |
| Santos Ltd*                                      | 25.00      |             |  |
| Delhi Petroleum Pty Ltd                          | 20.00      |             |  |
| Origin Energy Resources Ltd                      | 25.00      |             |  |
| Santos Petroleum Pty Ltd                         | 25.00      |             |  |
| Vamgas Pty Ltd                                   | 5.00       |             |  |
| <b>PL133</b> Cooper/Eromanga Basin               | Sq Km: 12  | 12-Dec-2019 |  |
| <i>Goona</i>                                     |            |             |  |
| Santos Ltd*                                      | 40.00      |             |  |
| Australian Gasfields Ltd                         | 2.00       |             |  |
| Delhi Petroleum Pty Ltd                          | 32.00      |             |  |
| Drillsearch Energy NL                            | 2.00       |             |  |
| Inland Oil (Production) Pty Ltd                  | 2.00       |             |  |
| Mawson Petroleum NL                              | 6.50       |             |  |
| Vamgas Pty Ltd                                   | 15.50      |             |  |
| <b>PL134</b> Cooper/Eromanga Basin               | Sq Km: 27  | 20-Dec-2058 |  |
| <i>Kappa</i>                                     |            |             |  |
| Santos Ltd*                                      | 37.50      |             |  |
| Delhi Petroleum Pty Ltd                          | 30.00      |             |  |
| Santos Petroleum Pty Ltd                         | 25.00      |             |  |
| Vamgas Pty Ltd                                   | 7.50       |             |  |
| <b>PL135</b> Cooper/Eromanga Basin               | Sq Km: 20  | 23-Jun-2053 |  |
| <i>Keilor</i>                                    |            |             |  |
| Santos Ltd*                                      | 25.00      |             |  |
| Delhi Petroleum Pty Ltd                          | 20.00      |             |  |
| Origin Energy Resources Ltd                      | 25.00      |             |  |
| Santos Petroleum Pty Ltd                         | 25.00      |             |  |
| Vamgas Pty Ltd                                   | 5.00       |             |  |
| <b>PL136</b> Cooper/Eromanga Basin               | Sq Km: 53  | 23-Jun-2052 |  |
| <i>Keilor</i>                                    |            |             |  |
| Santos Ltd*                                      | 57.50      |             |  |
| Delhi Petroleum Pty Ltd                          | 30.00      |             |  |
| Santos Australian Hydrocarbons Pty Ltd           | 5.00       |             |  |
| Vamgas Pty Ltd                                   | 7.50       |             |  |
| <b>PL137</b> Cooper/Eromanga Basin               | Sq Km: 88  | 15-Dec-2052 |  |
| <i>Macadama</i>                                  |            |             |  |
| Santos Ltd*                                      | 57.50      |             |  |
| Delhi Petroleum Pty Ltd                          | 30.00      |             |  |
| Santos Australian Hydrocarbons Pty Ltd           | 5.00       |             |  |
| Vamgas Pty Ltd                                   | 7.50       |             |  |
| <b>PL138</b> Cooper/Eromanga Basin               | Sq Km: 77  | 15-Dec-2030 |  |
| <i>Marengo</i>                                   |            |             |  |
| Santos Ltd*                                      | 31.50      |             |  |
| Delhi Petroleum Pty Ltd                          | 25.20      |             |  |
| Origin Energy Resources Ltd                      | 27.00      |             |  |
| Vamgas Pty Ltd                                   | 16.30      |             |  |
| <b>PL139</b> Cooper/Eromanga Basin               | Sq Km: 25  | 23-Jun-2017 |  |
| <i>Monte</i>                                     |            |             |  |
| Santos Ltd*                                      | 25.00      |             |  |
| Delhi Petroleum Pty Ltd                          | 20.00      |             |  |
| Origin Energy Resources Ltd                      | 25.00      |             |  |
| Santos Petroleum Pty Ltd                         | 25.00      |             |  |
| Vamgas Pty Ltd                                   | 5.00       |             |  |
| <b>PL140</b> Cooper/Eromanga Basin               | Sq Km: 36  | 15-Dec-2053 |  |
| <i>Moon</i>                                      |            |             |  |
| Santos Ltd*                                      | 37.50      |             |  |
| Delhi Petroleum Pty Ltd                          | 30.00      |             |  |
| Santos Petroleum Pty Ltd                         | 25.00      |             |  |
| Vamgas Pty Ltd                                   | 7.50       |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                  |             |             |  |
|--|-------------|-------------|--|
| <b>Accumulation</b>                    |             |             |  |
| Company (Operator*)                    | Equity      | Expiry Date |  |
| <b>PL141</b> Cooper/Eromanga Basin     | Sq Km: 46   | 15-Dec-2025 |  |
| <i>Mount Howitt</i>                    |             |             |  |
| Santos Ltd*                            | 52.00       |             |  |
| Delhi Petroleum Pty Ltd                | 28.80       |             |  |
| Origin Energy Resources Ltd            | 10.00       |             |  |
| Santos Australian Hydrocarbons Pty Ltd | 2.00        |             |  |
| Vamgas Pty Ltd                         | 7.20        |             |  |
| <b>PL142</b> Cooper/Eromanga Basin     | Sq Km: 12   | 15-Dec-2024 |  |
| <i>Raffle</i>                          |             |             |  |
| Santos Ltd*                            | 37.50       |             |  |
| Delhi Petroleum Pty Ltd                | 30.00       |             |  |
| Santos Petroleum Pty Ltd               | 25.00       |             |  |
| Vamgas Pty Ltd                         | 7.50        |             |  |
| <b>PL143</b> Cooper/Eromanga Basin     | Sq Km: 27   | 15-Dec-2018 |  |
| <i>Ruby</i>                            |             |             |  |
| Santos Ltd*                            | 37.50       |             |  |
| Delhi Petroleum Pty Ltd                | 30.00       |             |  |
| Santos Petroleum Pty Ltd               | 25.00       |             |  |
| Vamgas Pty Ltd                         | 7.50        |             |  |
| <b>PL144</b> Cooper/Eromanga Basin     | Sq Km: 33   | 15-Dec-2039 |  |
| <i>Thoar</i>                           |             |             |  |
| Santos Ltd*                            | 37.50       |             |  |
| Delhi Petroleum Pty Ltd                | 30.00       |             |  |
| Santos Petroleum Pty Ltd               | 25.00       |             |  |
| Vamgas Pty Ltd                         | 7.50        |             |  |
| <b>PL145</b> Cooper/Eromanga Basin     | Sq Km: 28   | 15-Dec-2048 |  |
| <i>Toby</i>                            |             |             |  |
| Santos Ltd*                            | 52.00       |             |  |
| Delhi Petroleum Pty Ltd                | 28.80       |             |  |
| Origin Energy Resources Ltd            | 10.00       |             |  |
| Santos Australian Hydrocarbons Pty Ltd | 2.00        |             |  |
| Vamgas Pty Ltd                         | 7.20        |             |  |
| <b>PL146</b> Cooper/Eromanga Basin     | Sq Km: 60   | 23-Jun-2025 |  |
| <i>Wackett</i>                         |             |             |  |
| Santos Ltd*                            | 28.13       |             |  |
| Delhi Petroleum Pty Ltd                | 22.50       |             |  |
| Origin Energy Resources Ltd            | 25.00       |             |  |
| Santos Petroleum Pty Ltd               | 18.75       |             |  |
| Vamgas Pty Ltd                         | 5.63        |             |  |
| <b>PL147</b> Cooper/Eromanga Basin     | Sq Km: 58   | 23-Jun-2019 |  |
| <i>Wackett</i>                         |             |             |  |
| Santos Ltd*                            | 25.00       |             |  |
| Delhi Petroleum Pty Ltd                | 20.00       |             |  |
| Origin Energy Resources Ltd            | 25.00       |             |  |
| Santos Petroleum Pty Ltd               | 25.00       |             |  |
| Vamgas Pty Ltd                         | 5.00        |             |  |
| <b>PL148</b> Cooper/Eromanga Basin     | Sq Km: 37   | 15-Dec-2029 |  |
| <i>Whanto</i>                          |             |             |  |
| Santos Ltd*                            | 52.00       |             |  |
| Delhi Petroleum Pty Ltd                | 28.80       |             |  |
| Origin Energy Resources Ltd            | 10.00       |             |  |
| Santos Australian Hydrocarbons Pty Ltd | 2.00        |             |  |
| Vamgas Pty Ltd                         | 7.20        |             |  |
| <b>PL149</b> Cooper/Eromanga Basin     | Sq Km: 12   | 23-Jun-2049 |  |
| <i>Wippo South</i>                     |             |             |  |
| Santos Ltd*                            | 40.00       |             |  |
| Australian Gasfields Ltd               | 2.00        |             |  |
| Delhi Petroleum Pty Ltd                | 32.00       |             |  |
| Drillsearch Energy NL                  | 2.00        |             |  |
| Inland Oil (Production) Pty Ltd        | 2.00        |             |  |
| Mawson Petroleum NL                    | 6.50        |             |  |
| Vamgas Pty Ltd                         | 15.50       |             |  |
| <b>PL150</b> Cooper/Eromanga Basin     | Sq Km: 158  | 23-Jun-2042 |  |
| <i>Dingera, Psyche, Winninia</i>       |             |             |  |
| Santos Ltd*                            | 37.50       |             |  |
| Delhi Petroleum Pty Ltd                | 30.00       |             |  |
| Santos Petroleum Pty Ltd               | 25.00       |             |  |
| Vamgas Pty Ltd                         | 7.50        |             |  |
| <b>PL151</b> Cooper/Eromanga Basin     | Blocks: 156 | 24-Jul-2032 |  |
| Delhi Petroleum Pty Ltd                | 20.00       |             |  |
| Origin Energy Resources Ltd            | 25.00       |             |  |
| Santos Ltd                             | 25.00       |             |  |
| Santos Petroleum Pty Ltd               | 25.00       |             |  |
| Vamgas Pty Ltd                         | 5.00        |             |  |
| <b>PL152</b> Cooper/Eromanga Basin     | Blocks: 147 | 24-Jul-2032 |  |
| Delhi Petroleum Pty Ltd                | 20.00       |             |  |
| Origin Energy Resources Ltd            | 25.00       |             |  |
| Santos Ltd                             | 25.00       |             |  |
| Santos Petroleum Pty Ltd               | 25.00       |             |  |
| Vamgas Pty Ltd                         | 5.00        |             |  |

| Title                                  |             |             |  |
|--|-------------|-------------|--|
| <b>Accumulation</b>                    |             |             |  |
| Company (Operator*)                    | Equity      | Expiry Date |  |
| <b>PL153</b> Cooper/Eromanga Basin     | Sq Km: 103  | 15-Dec-2046 |  |
| <i>Clinton</i>                         |             |             |  |
| Santos Ltd*                            | 52.00       |             |  |
| Delhi Petroleum Pty Ltd                | 28.80       |             |  |
| Origin Energy Resources Ltd            | 10.00       |             |  |
| Santos Australian Hydrocarbons Pty Ltd | 2.00        |             |  |
| Vamgas Pty Ltd                         | 7.20        |             |  |
| <b>PL154</b> Cooper/Eromanga Basin     | Sq Km: 17   | 15-Dec-2046 |  |
| <i>Clinton</i>                         |             |             |  |
| Santos Ltd*                            | 31.50       |             |  |
| Delhi Petroleum Pty Ltd                | 25.20       |             |  |
| Origin Energy Resources Ltd            | 27.00       |             |  |
| Vamgas Pty Ltd                         | 16.30       |             |  |
| <b>PL155</b> Cooper/Eromanga Basin     | Blocks: 175 | 24-Jul-2032 |  |
| Santos Ltd*                            | 25.00       |             |  |
| Delhi Petroleum Pty Ltd                | 20.00       |             |  |
| Origin Energy Resources Ltd            | 25.00       |             |  |
| Santos Petroleum Pty Ltd               | 25.00       |             |  |
| Vamgas Pty Ltd                         | 5.00        |             |  |
| <b>PL156</b> Cooper/Eromanga Basin     | Blocks: 31  | 24-Jul-2032 |  |
| Santos*                                | 57.50       |             |  |
| Delhi Petroleum Pty Ltd                | 30.00       |             |  |
| Santos Australian Hydrocarbons Pty Ltd | 5.00        |             |  |
| Vamgas Pty Ltd                         | 7.50        |             |  |
| <b>PL157</b> Cooper/Eromanga Basin     | Sq Km: 40   | 15-Dec-2020 |  |
| <i>Ghina</i>                           |             |             |  |
| Santos Ltd*                            | 52.00       |             |  |
| Delhi Petroleum Pty Ltd                | 28.80       |             |  |
| Origin Energy Resources Ltd            | 10.00       |             |  |
| Santos Australian Hydrocarbons Pty Ltd | 2.00        |             |  |
| Vamgas Pty Ltd                         | 7.20        |             |  |
| <b>PL158</b> Cooper/Eromanga Basin     | Sq Km: 188  | 15-Dec-2020 |  |
| <i>Marama</i>                          |             |             |  |
| Santos Ltd*                            | 52.00       |             |  |
| Delhi Petroleum Pty Ltd                | 28.80       |             |  |
| Origin Energy Resources Ltd            | 10.00       |             |  |
| Santos Australian Hydrocarbons Pty Ltd | 2.00        |             |  |
| Vamgas Pty Ltd                         | 7.20        |             |  |
| <b>PL159</b> Cooper/Eromanga Basin     | Sq Km: 27   | 15-Dec-2052 |  |
| <i>Tullaha</i>                         |             |             |  |
| Santos Ltd*                            | 57.50       |             |  |
| Delhi Petroleum Pty Ltd                | 30.00       |             |  |
| Santos Australian Hydrocarbons Pty Ltd | 5.00        |             |  |
| Vamgas Pty Ltd                         | 7.50        |             |  |
| <b>PL168</b> Cooper/Eromanga Basin     | Sq Km: 12   | 12-Feb-2014 |  |
| <i>Tennaperra</i>                      |             |             |  |
| Santos Petroleum Pty Ltd*              | 25.00       |             |  |
| Delhi Petroleum Pty Ltd                | 30.00       |             |  |
| Santos Ltd                             | 37.50       |             |  |
| Vamgas Pty Ltd                         | 7.50        |             |  |
| <b>PL169</b> Eromanga Basin            | Sq Km: 18   | 12-Apr-2017 |  |
| <i>Gimboola</i>                        |             |             |  |
| CPC Energy Pty Ltd                     | 1.00        |             |  |
| Drillsearch Energy NL                  | 10.00       |             |  |
| Santos (299) Pty Ltd                   | 12.00       |             |  |
| Santos QNT Pty Ltd                     | 77.00       |             |  |
| <b>PL170</b> Eromanga Basin            | Sq Km: 92   | 12-Apr-2017 |  |
| <i>Kooropa</i>                         |             |             |  |
| CPC Energy Pty Ltd                     | 1.00        |             |  |
| Drillsearch Energy NL                  | 10.00       |             |  |
| Santos (299) Pty Ltd                   | 12.00       |             |  |
| Santos QNT Pty Ltd                     | 77.00       |             |  |
| <b>PL173</b> Bowen/Surat Basin         | Sq Km: 84   | 15-Dec-2019 |  |
| <i>Yandina</i>                         |             |             |  |
| Oil Company of Australia Ltd*          | 50.00       |             |  |
| Santos Petroleum Operations Pty Ltd    | 50.00       |             |  |
| <b>PL174</b> Bowen/Surat Basin         | Sq Km: 43   | 15-Dec-2014 |  |
| <i>Myall Creek</i>                     |             |             |  |
| Oil Company of Australia Ltd*          | 100.00      |             |  |
| <b>PL175</b> Cooper/Eromanga Basin     | Sq Km: 27   | 19-Apr-2025 |  |
| <i>Windigo</i>                         |             |             |  |
| Santos Ltd*                            | 40.00       |             |  |
| Australian Gasfields Ltd               | 2.00        |             |  |
| Delhi Petroleum Pty Ltd                | 32.00       |             |  |
| Drillsearch Energy NL                  | 2.00        |             |  |
| Inland Oil (Production) Pty Ltd        | 2.00        |             |  |
| Mawson Oil NL                          | 6.50        |             |  |
| Vamgas Pty Ltd                         | 15.50       |             |  |
| <b>PL176</b> Bowen/Surat Basin         | Sq Km: 213  | 07-Jun-2021 |  |
| <i>Scotia</i>                          |             |             |  |
| Moonie Oil NL*                         | 84.38       |             |  |
| Vamgas Pty Ltd                         | 15.63       |             |  |

# KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| <b>Title</b>                                     |               |                    |             |  |
|--|---------------|--------------------|-------------|--|
| <b>Accumulation</b>                              |               |                    |             |  |
| <b>Company (Operator*)</b>                       | <b>Equity</b> | <b>Expiry Date</b> |             |  |
| <b>PL177</b> Cooper/Eromanga Basin               | Sq Km: 55     | 12-Sep-2035        |             |  |
| <i>Winninia</i>                                  |               |                    |             |  |
| Santos Ltd*                                      | 28.13         |                    |             |  |
| Delhi Petroleum Pty Ltd                          | 22.50         |                    |             |  |
| Origin Energy Resources Ltd                      | 25.00         |                    |             |  |
| Santos Petroleum Pty Ltd                         | 18.75         |                    |             |  |
| Vamgas Pty Ltd                                   | 5.63          |                    |             |  |
| <b>PL178</b> Cooper/Eromanga Basin               | Sq Km: 9      | 12-Sep-2035        |             |  |
| Santos Ltd*                                      | 37.50         |                    |             |  |
| Delhi Petroleum Pty Ltd                          | 30.00         |                    |             |  |
| Santos Petroleum Pty Ltd                         | 25.00         |                    |             |  |
| Vamgas Pty Ltd                                   | 7.50          |                    |             |  |
| <b>PL181</b> Cooper/Eromanga Basin               | Sq Km: 18     | 12-Sep-2024        |             |  |
| <i>Roti West</i>                                 |               |                    |             |  |
| Santos Ltd*                                      | 40.00         |                    |             |  |
| Australian Gasfields Ltd                         | 2.00          |                    |             |  |
| Delhi Petroleum Pty Ltd                          | 32.00         |                    |             |  |
| Drillsearch Energy NL                            | 2.00          |                    |             |  |
| Inland Oil (Production) Pty Ltd                  | 2.00          |                    |             |  |
| Mawson Petroleum NL                              | 6.50          |                    |             |  |
| Vamgas Pty Ltd                                   | 15.50         |                    |             |  |
| <b>PL182</b> Cooper/Eromanga Basin               | Sq Km: 27     | 12-Sep-2024        |             |  |
| <i>Wippo East</i>                                |               |                    |             |  |
| Santos Ltd*                                      | 40.00         |                    |             |  |
| Australian Gasfields Ltd                         | 2.00          |                    |             |  |
| Delhi Petroleum Pty Ltd                          | 32.00         |                    |             |  |
| Drillsearch Energy NL                            | 2.00          |                    |             |  |
| Inland Oil (Production) Pty Ltd                  | 2.00          |                    |             |  |
| Mawson Petroleum NL                              | 6.50          |                    |             |  |
| Vamgas Pty Ltd                                   | 15.50         |                    |             |  |
| <b>PL183</b> Bowen/Surat Basin                   | Sq Km: 19     | 12-Sep-2021        |             |  |
| <i>Punchbowl Gully</i>                           |               |                    |             |  |
| Oil Company of Australia Ltd*                    | 50.00         |                    |             |  |
| Santos Petroleum Operations Pty Ltd              | 50.00         |                    |             |  |
| <b>PL184</b> Cooper/Eromanga Basin               | Sq Km: 77     | 12-Sep-2021        |             |  |
| <i>Tyilungra</i>                                 |               |                    |             |  |
| Beach Petroleum NL*                              | 69.59         |                    |             |  |
| Australian Gasfields Ltd                         | 19.60         |                    |             |  |
| Inland Oil (Production) Pty Ltd                  | 5.00          |                    |             |  |
| Petromin Pty Ltd                                 | 5.81          |                    |             |  |
| <b>PL186</b> Cooper/Eromanga Basin               | Sq Km: 62     | 06-Feb-2026        |             |  |
| <i>Quasar South</i>                              |               |                    |             |  |
| Santos Ltd*                                      | 37.50         |                    |             |  |
| Delhi Petroleum Pty Ltd                          | 30.00         |                    |             |  |
| Santos Petroleum Pty Ltd                         | 25.00         |                    |             |  |
| Vamgas Pty Ltd                                   | 7.50          |                    |             |  |
| <b>PL187</b> Cooper/Eromanga Basin               | Blocks: 34    | 06-Mar-2029        |             |  |
| Santos Ltd*                                      | 52.00         |                    |             |  |
| Delhi Petroleum Pty Ltd                          | 28.80         |                    |             |  |
| Origin Energy Resources Ltd                      | 10.00         |                    |             |  |
| Santos Australian Hydrocarbons Pty Ltd           | 2.00          |                    |             |  |
| Vamgas Pty Ltd                                   | 7.20          |                    |             |  |
| <b>PL188</b> Cooper/Eromanga Basin               | Blocks: 62    | 06-Mar-2028        |             |  |
| Delhi Petroleum Pty Ltd                          | 28.80         |                    |             |  |
| Origin Energy Resources Ltd                      | 10.00         |                    |             |  |
| Santos Australian Hydrocarbons Pty Ltd           | 2.00          |                    |             |  |
| Santos Ltd                                       | 52.00         |                    |             |  |
| Vamgas Pty Ltd                                   | 7.20          |                    |             |  |
| <b>PL189</b> Cooper/Eromanga Basin               | Blocks: 19    | 06-Mar-2017        |             |  |
| Santos Ltd*                                      | 40.00         |                    |             |  |
| Australian Gasfields Ltd                         | 2.00          |                    |             |  |
| Delhi Petroleum Pty Ltd                          | 32.00         |                    |             |  |
| Drillsearch Energy NL                            | 2.00          |                    |             |  |
| Inland Oil (Production) Pty Ltd                  | 2.00          |                    |             |  |
| Mawson Petroleum NL                              | 6.00          |                    |             |  |
| Oil Company of Australia Ltd                     | 0.50          |                    |             |  |
| Vamgas Pty Ltd                                   | 15.50         |                    |             |  |
| <b>PL191</b> Bowen Basin                         | Blocks: 220   | 20-Mar-2032        |             |  |
| CH4 Pty Ltd*                                     | 100.00        |                    |             |  |
| <b>Offshore</b>                                  |               |                    |             |  |
| <b>Exploration Permit</b>                        |               |                    |             |  |
| <b>Legislation Group: PSLA</b> Sq km approximate |               |                    |             |  |
| <b>Q/23P</b> Carpentaria Basin                   | Blocks: 180   | Sq Km: 62          | 12-Dec-2007 |  |
| Gulf Energy Pty Ltd*                             | 100.00        |                    |             |  |

## New South Wales

### Onshore

#### Exploration Permit

**Legislation Group: Territorial** Sq km approximate

|                          |           |             |  |  |
|--------------------------|-----------|-------------|--|--|
| <b>PML1</b> Sydney Basin | Sq Km: 29 | 12-May-2001 |  |  |
| BHP Steel (AIS) Pty Ltd* | 100.00    |             |  |  |

| <b>Title</b>                         |               |                    |             |  |
|--------------------------------------|---------------|--------------------|-------------|--|
| <b>Accumulation</b>                  |               |                    |             |  |
| <b>Company (Operator*)</b>           | <b>Equity</b> | <b>Expiry Date</b> |             |  |
| <b>PML2</b> Sydney Basin             | Sq Km: 40     | 12-May-2001        |             |  |
| BHP Steel (AIS) Pty Ltd*             |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL1</b> Gunnedah Basin           | Blocks: 96    | Sq Km: 7 043       | 10-Feb-2005 |  |
| Australian Coalbed Methane Pty Ltd*  |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL2</b> Sydney Basin             | Blocks: 108   | Sq Km: 8 100       | 28-Mar-2005 |  |
| Sydney Gas Operations Pty Ltd*       |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL4</b> Gunnedah Basin           | Blocks: 113   | Sq Km: 6 955       | 10-Nov-2005 |  |
| Sydney Gas Operations Pty Ltd*       |               |                    |             |  |
| Renewal Pending                      |               |                    |             |  |
| Pacific Power                        |               |                    |             |  |
| <b>PEL5</b> Sydney Basin             | Blocks: 30    | Sq Km: 2 026       | 10-Nov-2005 |  |
| Sydney Gas Operations Pty Ltd        |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL6</b> Gunnedah Basin           | Blocks: 82    | Sq Km: 5 867       | 08-Dec-2005 |  |
| Eastern Energy Australia Pty Ltd*    |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL8</b> Murray/Darling Basin     | Blocks: 101   | Sq Km: 9 112       | 24-Jun-2007 |  |
| Eastern Star Gas Ltd                 |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL10</b> Gunnedah Basin          | Blocks: 6     | Sq Km: 436         | 10-Feb-2005 |  |
| Australian Coalbed Methane Pty Ltd*  |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL12</b> Gunnedah Basin          | Blocks: 31    | Sq Km: 2 274       | 26-Sep-2007 |  |
| Australian Coalbed Methane Pty Ltd*  |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL13</b> Clarence/Moreton Basin  | Blocks: 29    | Sq Km: 2 174       | 26-Nov-2001 |  |
| Renewal Pending                      |               |                    |             |  |
| Pacific Power*                       |               |                    |             |  |
| St. Barbara Mines Ltd                |               |                    |             |  |
| <b>PEL16</b> Clarence/Moreton Basin  | Blocks: 11    | Sq Km: 826         | 12-Nov-2005 |  |
| Metgasco Pty Ltd*                    |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL238</b> Gunnedah Basin         | Blocks: 123   | Sq Km: 9 093       | 02-Aug-2007 |  |
| Renewal Pending                      |               |                    |             |  |
| Eastern Energy Australia Pty Ltd*    |               |                    |             |  |
| Great Southland Petroleum Pty Ltd    |               |                    |             |  |
| <b>PEL267</b> Sydney Basin           | Blocks: 92    | Sq Km: 6 138       | 19-Jan-2004 |  |
| Sydney Gas Operations Pty Ltd*       |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL285</b> Sydney Basin           | Blocks: 18    | Sq Km: 1 306       | 15-Apr-2005 |  |
| Pacific Power*                       |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL286</b> Gunnedah Basin         | Blocks: 24    | Sq Km: 1 749       | 10-Feb-2005 |  |
| Australian Coalbed Methane Pty Ltd*  |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL419</b> Murray/Darling Basin   | Blocks: 140   | Sq Km: 9 450       | 19-Dec-2003 |  |
| Go Resources (Aust) Pty Ltd*         |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL420</b> Murray/Darling Basin   | Blocks: 122   | Sq Km: 8 864       | 19-Dec-2003 |  |
| Go Resources (Aust) Pty Ltd*         |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL422</b> Murray/Darling Basin   | Blocks: 136   | Sq Km: 4 335       | 01-Feb-2004 |  |
| Eastern Energy Australia Pty Ltd*    |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL424</b> Murray/Darling Basin   | Blocks: 82    | Sq Km: 8 302       | 01-Feb-2004 |  |
| First Sourcenergy Group Inc.*        |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL425</b> Murray/Darling Basin   | Blocks: 140   | Sq Km: 9 450       | 26-Feb-2004 |  |
| Black Rock Petroleum NL*             |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL426</b> Clarence/Moreton Basin | Blocks: 83    | Sq Km: 5 998       | 20-Apr-2004 |  |
| Pacific Power*                       |               |                    |             |  |
| St. Barbara Mines Ltd                |               |                    |             |  |
| <b>PEL427</b> Gunnedah Basin         | Blocks: 122   | Sq Km: 8 728       | 20-May-2004 |  |
| Strike Oil NL*                       |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL428</b> Gunnedah Basin         | Blocks: 140   | Sq Km: 10 342      | 14-Sep-2004 |  |
| Strike Oil NL*                       |               |                    |             |  |
|                                      | 80.00         |                    |             |  |
| Planet Gas                           |               |                    |             |  |
|                                      | 20.00         |                    |             |  |
| <b>PEL432</b> Clarence/Moreton Basin | Blocks: 32    | Sq Km: 2 120       | 21-Dec-2006 |  |
| Arrow Energy NL*                     |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL433</b> Gunnedah Basin         | Blocks: 140   | Sq Km: 10 216      | 13-Feb-2007 |  |
| Eastern Star Gas Ltd*                |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL434</b> Murray/Darling Basin   | Blocks: 140   |                    | 13-Feb-2007 |  |
| Eastern Star Gas Ltd                 |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL435</b> Murray/Darling Basin   | Blocks: 140   | Sq Km: 9 748       | 18-Mar-2004 |  |
| Australian Coalbed Methane Pty Ltd*  |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL436</b> Murray/Darling Basin   | Blocks: 132   | Sq Km: 9 343       | 18-Mar-2004 |  |
| Australian Coalbed Methane Pty Ltd*  |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL437</b> Surat Basin            | Blocks: 140   |                    | 06-May-2007 |  |
| Pangaea Oil and Gas Pty Ltd*         |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL438</b> Murray/Darling Basin   | Blocks: 98    | Sq Km: 6 799       | 20-Aug-2007 |  |
| Pannonian International Ltd*         |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL439</b> Murray/Darling Basin   | Blocks: 73    | Sq Km: 5 155       | 23-Oct-2004 |  |
| Magnum Gold NL*                      |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL440</b> Murray/Darling Basin   | Blocks: 133   | Sq Km: 9 248       | 23-Oct-2004 |  |
| Magnum Gold NL*                      |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL441</b> Sydney Basin           | Blocks: 1     |                    | 10-Nov-2005 |  |
| Sydney Gas Operations Pty Ltd*       |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL442</b> Sydney Basin           | Blocks: 10    |                    | 26-Feb-2208 |  |
| Apex Oil NL*                         |               |                    |             |  |
|                                      | 100.00        |                    |             |  |
| <b>PEL443</b> Eromanga Basin         | Blocks: 71    |                    | 23-Jan-2009 |  |
| Harlow Australia Pty Ltd*            |               |                    |             |  |
|                                      | 100.00        |                    |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title   | Company (Operator*)  | Equity                   | Expiry Date |
|---|----------------------|--------------------------|-------------|
| <b>Offshore</b>   |                      |                          |             |
| <b>Exploration Permit</b>   |                      |                          |             |
| <b>Legislation Group: PSLA</b>  |                      | Sq km approximate        |             |
| PEP 11  | Sydney Basin         | Blocks: 129 Sq Km: 8 289 | 23-Mar-2006 |
| Flare Petroleum NL*   |                      |                          |             |
| 75.00   |                      |                          |             |
| <b>Victoria</b>   |                      |                          |             |
| <b>Onshore</b>  |                      |                          |             |
| <b>Exploration Permit</b>   |                      |                          |             |
| <b>Legislation Group: Territorial</b>   |                      | Sq km approximate        |             |
| PEP151  | Otway Basin          | Sq Km: 1 718             | 15-May-2007 |
| Essential Petroleum Resources Ltd*  |                      |                          |             |
| 100.00  |                      |                          |             |
| PEP152  | Otway Basin          | Sq Km: 755               | 03-Feb-2005 |
| Origin Energy Petroleum Pty Ltd*  |                      |                          |             |
| 50.51   |                      |                          |             |
| Essential Petroleum Resources Ltd   |                      |                          |             |
| 33.90   |                      |                          |             |
| Lakes Oil NL  |                      |                          |             |
| 15.59   |                      |                          |             |
| PEP153  | Otway Basin          | Sq Km: 1 062             | 28-Feb-2005 |
| Santos (BOL) Pty Ltd*   |                      |                          |             |
| 100.00  |                      |                          |             |
| PEP154  | Otway Basin          | Sq Km: 832               | 30-Mar-2005 |
| Santos (BOL) Pty Ltd*   |                      |                          |             |
| 90.00   |                      |                          |             |
| Beach Petroleum NL  |                      |                          |             |
| 10.00   |                      |                          |             |
| PEP155  | Gippsland Basin      | Sq Km: 1 578             | 28-Aug-2005 |
| Petrotech Pty Ltd*  |                      |                          |             |
| 100.00  |                      |                          |             |
| PEP156  | Gippsland Basin      | Sq Km: 3 207             | 16-Aug-2005 |
| Petrotech Pty Ltd*  |                      |                          |             |
| 100.00  |                      |                          |             |
| PEP157  | Gippsland Basin      | Sq Km: 1 889             | 16-Aug-2005 |
| Petrotech Pty Ltd*  |                      |                          |             |
| 100.00  |                      |                          |             |
| PEP158  | Gippsland Basin      | Sq Km: 799               | 16-Mar-2005 |
| Petrotech Pty Ltd*  |                      |                          |             |
| 100.00  |                      |                          |             |
| PEP159  | Otway Basin          | Sq Km: 2 280             | 29-Oct-2005 |
| Origin Energy Petroleum Pty Ltd*  |                      |                          |             |
| 50.00   |                      |                          |             |
| Essential Petroleum Resources Ltd   |                      |                          |             |
| 50.00   |                      |                          |             |
| PEP160  | Otway Basin          | Sq Km: 3 660             | 13-Nov-2005 |
| TMOE Exploration Pty Ltd*   |                      |                          |             |
| 60.00   |                      |                          |             |
| Origin Energy Petroleum Pty Ltd   |                      |                          |             |
| 40.00   |                      |                          |             |
| PEP161  | Murray/Darling Basin | Sq Km: 2 923             | 18-Feb-2005 |
| Knight Industries Pty Ltd*  |                      |                          |             |
| 100.00  |                      |                          |             |
| PEP162  | Gippsland Basin      | Sq Km: 2 950             | 15-May-2006 |
| Karoon Gas Pty Ltd*   |                      |                          |             |
| 100.00  |                      |                          |             |
| PEP163  | Otway Basin          | Sq Km: 2 923             | 18-Jul-2007 |
| Mirboo Ridge Pty Ltd*   |                      |                          |             |
| 100.00  |                      |                          |             |
| PEP164  | Otway Basin          | Sq Km: 2 827             | 09-Oct-2007 |
| Mirboo Ridge Pty Ltd*   |                      |                          |             |
| 100.00  |                      |                          |             |
| PEP165  | Murray/Darling Basin | Sq Km: 6 081             | 09-Oct-2007 |
| Knight Industries Pty Ltd*  |                      |                          |             |
| 100.00  |                      |                          |             |
| PEP166  | Gippsland Basin      | Sq Km: 3 551             | 02-Jan-2008 |
| Petrotech Pty Ltd*  |                      |                          |             |
| 50.00   |                      |                          |             |
| Ausam Resources NL  |                      |                          |             |
| 50.00   |                      |                          |             |
| <b>Production Licence</b>   |                      |                          |             |
| <b>Legislation Group: Territorial</b>   |                      | Sq km approximate        |             |
| PPL1  | Otway Basin          | Sq Km: 76                | 01-Mar-2000 |
| <i>Dunbar, Grumbly, Langley, North Paaratte, Port Campbell 1, Port Campbell 3, Port Campbell 4, Skull Creek, Vaughan, Wallaby Creek</i> |                      |                          |             |
| TXU Gas Storage Pty Ltd*  |                      |                          |             |
| 100.00  |                      |                          |             |
| PPL2  | Otway Basin          | Sq Km: 8                 | 31-Dec-2005 |
| <i>Iona</i>   |                      |                          |             |
| TXU Gas Storage Pty Ltd*  |                      |                          |             |
| 100.00  |                      |                          |             |
| PPL3  | Otway Basin          | Sq Km: 2                 | 09-May-2008 |
| <i>Boggy Creek</i>  |                      |                          |             |
| Boggy Creek Pty Ltd*  |                      |                          |             |
| 100.00  |                      |                          |             |
| PPL4  | Otway Basin          | Sq Km: 6                 | 06-Apr-2014 |
| <i>Fenton Creek, Tregony</i>  |                      |                          |             |
| Santos (BOL) Pty Ltd*   |                      |                          |             |
| 100.00  |                      |                          |             |
| PPL5  | Otway Basin          | Sq Km: 6                 |             |
| <i>Penryn</i>   |                      |                          |             |
| Santos (BOL) Pty Ltd*   |                      |                          |             |
| 100.00  |                      |                          |             |
| PPL6  | Otway Basin          | Sq Km: 4                 |             |
| <i>McIntee, Tregony</i>   |                      |                          |             |
| Santos (BOL) Pty Ltd*   |                      |                          |             |
| 90.00   |                      |                          |             |
| Beach Petroleum NL  |                      |                          |             |
| 10.00   |                      |                          |             |
| PPL7  | Otway Basin          | Sq Km: 2                 |             |
| Santos (BOL) Pty Ltd*   |                      |                          |             |
| 100.00  |                      |                          |             |
| PPL8  | Otway Basin          | Sq Km: 69                | 31-Dec-2009 |
| <i>Dunbar, Port Campbell</i>  |                      |                          |             |
| Origin Energy Petroleum Pty Ltd*  |                      |                          |             |
| 100.00  |                      |                          |             |
| PPL9  | Otway Basin          | Sq Km: 1                 | 06-Dec-2009 |
| <i>Lavers</i>   |                      |                          |             |
| Santos (BOL) Pty Ltd*   |                      |                          |             |
| 90.00   |                      |                          |             |
| Beach Petroleum NL  |                      |                          |             |
| 10.00   |                      |                          |             |

| Title   | Company (Operator*) | Equity                  | Expiry Date |
|---|---------------------|-------------------------|-------------|
| <b>Accumulation</b>                             |                     |                         |             |
| PPL 10  | Otway Basin         | Sq Km: 7                | 06-Dec-2009 |
| <i>Croft, Naylor</i>                            |                     |                         |             |
| Santos (BOL) Pty Ltd*                           |                     |                         |             |
| 90.00   |                     |                         |             |
| Beach Petroleum NL                              |                     |                         |             |
| 10.00   |                     |                         |             |
| PPL 11  | Otway Basin         | Sq Km: 3                | 13-May-2009 |
| Santos (BOL) Pty Ltd*                           |                     |                         |             |
| 90.00   |                     |                         |             |
| Beach Petroleum NL                              |                     |                         |             |
| 10.00   |                     |                         |             |
| PPL 12  | Otway Basin         | Sq Km: 3                | 03-Feb-2009 |
| Santos (BOL) Pty Ltd*                           |                     |                         |             |
| 100.00  |                     |                         |             |
| <b>Offshore</b>                                 |                     |                         |             |
| <b>Exploration Permit</b>                       |                     |                         |             |
| <b>Legislation Group: PSLA</b>                  |                     | Sq km approximate       |             |
| VIC/P41   | Gippsland Basin     | Blocks: 32 Sq Km: 2 160 | 13-Feb-2005 |
| Eagle Bay Resources NL*                         |                     |                         |             |
| 80.00   |                     |                         |             |
| Bass Strait Oil Company Pty Ltd                 |                     |                         |             |
| 20.00   |                     |                         |             |
| VIC/P42   | Gippsland Basin     | Blocks: 28 Sq Km: 1 890 | 13-Jan-2006 |
| <i>Omeo</i>                                     |                     |                         |             |
| Bass Strait Oil Company Pty Ltd*                |                     |                         |             |
| 50.00   |                     |                         |             |
| Inpex Indonesia Petroleum                       |                     |                         |             |
| 50.00   |                     |                         |             |
| VIC/P43   | Otway Basin         | Blocks: 54 Sq Km: 3 645 | 10-Aug-2005 |
| Origin Energy Resources Ltd*                    |                     |                         |             |
| 30.00   |                     |                         |             |
| CalEnergy Gas (Aust) Ltd                        |                     |                         |             |
| 15.00   |                     |                         |             |
| Woodside Energy Ltd                             |                     |                         |             |
| 55.00   |                     |                         |             |
| VIC/P44   | Otway Basin         | Blocks: 45 Sq Km: 3 037 | 10-Aug-2005 |
| Strike Oil NL*                                  |                     |                         |             |
| 50.00   |                     |                         |             |
| Santos Ltd                                      |                     |                         |             |
| 50.00   |                     |                         |             |
| VIC/P45   | Gippsland Basin     | Blocks: 13 Sq Km: 877   | 15-May-2006 |
| BHP Billiton Petroleum (Victoria) Pty Ltd*      |                     |                         |             |
| 60.00   |                     |                         |             |
| Inpex Alpha Ltd                                 |                     |                         |             |
| 40.00   |                     |                         |             |
| VIC/P46   | Otway Basin         | Blocks: 35 Sq Km: 1 864 | 27-May-2007 |
| Essential Petroleum Resources Ltd*              |                     |                         |             |
| 100.00  |                     |                         |             |
| VIC/P47   | Gippsland Basin     | Blocks: 12 Sq Km: 742   | 27-May-2007 |
| Eagle Bay Resources NL*                         |                     |                         |             |
| 100.00  |                     |                         |             |
| VIC/P48   | Gippsland Basin     | Blocks: 48 Sq Km: 2 919 | 15-Oct-2007 |
| EnCana Corporation*                             |                     |                         |             |
| 100.00  |                     |                         |             |
| VIC/P49   | Gippsland Basin     | Blocks: 35 Sq Km: 2 375 | 15-Oct-2007 |
| EnCana Corporation*                             |                     |                         |             |
| 100.00  |                     |                         |             |
| VIC/P50   | Otway Basin         | Blocks: 58              | 16-Sep-2008 |
| Essential Petroleum Resources Ltd*              |                     |                         |             |
| 100.00  |                     |                         |             |
| VIC/P51   | Otway Basin         | Blocks: 46              | 26-Aug-2008 |
| Santos Ltd*                                     |                     |                         |             |
| 80.00   |                     |                         |             |
| Inpex Alpha Ltd                                 |                     |                         |             |
| 20.00   |                     |                         |             |
| VIC/P52   | Otway Basin         | Blocks: 87              | 26-Aug-2008 |
| Santos Ltd*                                     |                     |                         |             |
| 33.33   |                     |                         |             |
| Inpex Alpha Ltd                                 |                     |                         |             |
| 33.33   |                     |                         |             |
| Uncol South Asean Ltd                           |                     |                         |             |
| 33.34   |                     |                         |             |
| VIC/P53   | Gippsland Basin     | Blocks: 11              | 15-Oct-2008 |
| Australian Crude Oil Co. Inc*                   |                     |                         |             |
| 100.00  |                     |                         |             |
| <b>Production Licence</b>                       |                     |                         |             |
| <b>Legislation Group: PSLA</b>                  |                     | Sq km approximate       |             |
| VIC/L 1   | Gippsland Basin     | Blocks: 4 Sq Km: 260    | 24-Aug-2009 |
| <i>Barraconda, Tarwhine, Whiptail</i>           |                     |                         |             |
| Esso Australia Resources Ltd*                   |                     |                         |             |
| 50.00   |                     |                         |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd    |                     |                         |             |
| 50.00   |                     |                         |             |
| VIC/L 2   | Gippsland Basin     | Blocks: 5 Sq Km: 325    | 24-Aug-2009 |
| <i>Barraconda, Whiting, Wirrab</i>              |                     |                         |             |
| Esso Australia Resources Ltd*                   |                     |                         |             |
| 50.00   |                     |                         |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd    |                     |                         |             |
| 50.00   |                     |                         |             |
| VIC/L 3   | Gippsland Basin     | Blocks: 5 Sq Km: 325    | 24-Aug-2009 |
| <i>Marlin</i>                                   |                     |                         |             |
| Esso Australia Resources Ltd*                   |                     |                         |             |
| 50.00   |                     |                         |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd    |                     |                         |             |
| 50.00   |                     |                         |             |
| VIC/L 4   | Gippsland Basin     | Blocks: 4 Sq Km: 260    | 24-Aug-2009 |
| <i>Angelfish, Batfish, Marlin</i>               |                     |                         |             |
| Esso Australia Resources Ltd*                   |                     |                         |             |
| 50.00   |                     |                         |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd    |                     |                         |             |
| 50.00   |                     |                         |             |
| VIC/L 5   | Gippsland Basin     | Blocks: 5 Sq Km: 325    | 19-Sep-2010 |
| <i>Halibut, Mackerel, Trumpeter, Yellowtail</i> |                     |                         |             |
| Esso Australia Resources Ltd*                   |                     |                         |             |
| 50.00   |                     |                         |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd    |                     |                         |             |
| 50.00   |                     |                         |             |
| VIC/L 6   | Gippsland Basin     | Blocks: 4 Sq Km: 260    | 19-Sep-2010 |
| <i>Gudgeon, Halibut</i>                         |                     |                         |             |
| Esso Australia Resources Ltd*                   |                     |                         |             |
| 50.00   |                     |                         |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd    |                     |                         |             |
| 50.00   |                     |                         |             |
| VIC/L 7   | Gippsland Basin     | Blocks: 5 Sq Km: 325    | 19-Sep-2010 |
| <i>Kingfish</i>                                 |                     |                         |             |
| Esso Australia Resources Ltd*                   |                     |                         |             |
| 50.00   |                     |                         |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd    |                     |                         |             |
| 50.00   |                     |                         |             |
| VIC/L 8   | Gippsland Basin     | Blocks: 4 Sq Km: 260    | 19-Sep-2010 |
| <i>Kingfish</i>                                 |                     |                         |             |
| Esso Australia Resources Ltd*                   |                     |                         |             |
| 50.00   |                     |                         |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd    |                     |                         |             |
| 50.00   |                     |                         |             |

# KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title  |                 |           |             |             |
|--|-----------------|-----------|-------------|-------------|
| <b>Accumulation</b>                          |                 |           |             |             |
| Company (Operator*)                          |                 | Equity    | Expiry Date |             |
| <b>VIC/L 9 R1</b>                            | Gippsland Basin | Blocks: 4 | Sq Km: 260  | 12-Jul-2016 |
| <i>Tuna</i>                                  |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 50.00     |             |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd |                 | 50.00     |             |             |
| <b>VIC/L10</b>                               | Gippsland Basin | Blocks: 4 | Sq Km: 260  | 28-May-2018 |
| <i>Emperor, Moonfish, Snapper, Sweetlips</i> |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 50.00     |             |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd |                 | 50.00     |             |             |
| <b>VIC/L11</b>                               | Gippsland Basin | Blocks: 2 | Sq Km: 130  | 28-May-2018 |
| <i>Flounder, Grunter, Stonefish</i>          |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 50.00     |             |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd |                 | 50.00     |             |             |
| <b>VIC/L13</b>                               | Gippsland Basin | Blocks: 3 | Sq Km: 202  | 15-Dec-2006 |
| <i>Bream, Luderick</i>                       |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 50.00     |             |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd |                 | 50.00     |             |             |
| <b>VIC/L14</b>                               | Gippsland Basin | Blocks: 3 | Sq Km: 202  | 15-Dec-2006 |
| <i>Bream</i>                                 |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 50.00     |             |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd |                 | 50.00     |             |             |
| <b>VIC/L15</b>                               | Gippsland Basin | Blocks: 2 | Sq Km: 130  | 13-Jun-2010 |
| <i>Dolphin</i>                               |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 50.00     |             |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd |                 | 50.00     |             |             |
| <b>VIC/L16</b>                               | Gippsland Basin | Blocks: 2 | Sq Km: 130  | 13-Jun-2010 |
| <i>Torsk</i>                                 |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 50.00     |             |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd |                 | 50.00     |             |             |
| <b>VIC/L17</b>                               | Gippsland Basin | Blocks: 1 | Sq Km: 65   | 13-Jun-2010 |
| <i>Perch</i>                                 |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 50.00     |             |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd |                 | 50.00     |             |             |
| <b>VIC/L18</b>                               | Gippsland Basin | Blocks: 2 | Sq Km: 130  | 13-Jun-2010 |
| <i>Seahorse</i>                              |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 50.00     |             |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd |                 | 50.00     |             |             |
| <b>VIC/L19</b>                               | Gippsland Basin | Blocks: 1 | Sq Km: 65   | 12-Jul-2016 |
| <i>Halibut</i>                               |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 50.00     |             |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd |                 | 50.00     |             |             |
| <b>VIC/L20</b>                               | Gippsland Basin | Blocks: 3 | Sq Km: 195  | 01-Jan-2019 |
| <i>Blackback, Volador</i>                    |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 50.00     |             |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd |                 | 50.00     |             |             |
| <b>VIC/L21</b>                               | Gippsland Basin | Blocks: 2 | Sq Km: 137  | 26-Dec-2022 |
| <i>Patricial/Balen</i>                       |                 |           |             |             |
| OMV Timor Sea Pty Ltd*                       |                 | 5.00      |             |             |
| Basin Oil Pty Ltd                            |                 | 55.00     |             |             |
| Trinity Gas Resources Pty Ltd                |                 | 40.00     |             |             |
| <b>VIC/L22</b>                               | Otway Basin     | Blocks: 1 |             | 31-Oct-2023 |
| BHP Billiton Petroleum (Victoria) Pty Ltd*   |                 | 90.00     |             |             |
| Santos (BOL) Pty Ltd                         |                 | 10.00     |             |             |
| <b>Retention Lease</b>                       |                 |           |             |             |
| <b>Legislation Group: PSLA</b>               |                 |           |             |             |
| <b>VIC/RL1</b>                               | Gippsland Basin | Blocks: 1 | Sq Km: 67   | 13-Apr-2005 |
| <i>Mulloway</i>                              |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 50.00     |             |             |
| BHP Billiton Petroleum (Victoria) Pty Ltd    |                 | 50.00     |             |             |
| <b>VIC/RL2</b>                               | Gippsland Basin | Blocks: 1 | Sq Km: 67   | 14-Dec-2003 |
| <i>Kipper</i>                                |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 25.00     |             |             |
| BHP Billiton Petroleum (Victoria) Pty Ltd    |                 | 25.00     |             |             |
| Crusader (Victoria) Pty Ltd                  |                 | 12.95     |             |             |
| Santos offshore Pty Ltd                      |                 | 7.05      |             |             |
| Woodside Eastern Energy Pty Ltd              |                 | 30.00     |             |             |
| <b>VIC/RL3</b>                               | Gippsland Basin | Blocks: 3 | Sq Km: 202  | 13-Apr-2005 |
| <i>Sole</i>                                  |                 |           |             |             |
| Basin Oil Pty Ltd*                           |                 | 65.00     |             |             |
| Santos Ltd                                   |                 | 35.00     |             |             |
| <b>VIC/RL4</b>                               | Gippsland Basin | Blocks: 1 | Sq Km: 67   | 27-Feb-2006 |
| <i>Remora, Sunfish</i>                       |                 |           |             |             |
| Esso Australia Resources Ltd*                |                 | 50.00     |             |             |
| BHP Billiton Petroleum (Bass Strait) Pty Ltd |                 | 50.00     |             |             |
| <b>VIC/RL6</b>                               | Gippsland Basin | Blocks: 1 | Sq Km: 67   | 29-Oct-2005 |
| <i>Basiker, Manta</i>                        |                 |           |             |             |
| Woodside Eastern Energy Pty Ltd*             |                 | 100.00    |             |             |
| <b>VIC/RL7</b>                               | Otway Basin     | Blocks: 3 | Sq Km: 202  | 27-Feb-2003 |
| <i>La Bella</i>                              |                 |           |             |             |
| BHP Billiton Petroleum (Victoria) Pty Ltd*   |                 | 90.00     |             |             |
| Santos (BOL) Pty Ltd                         |                 | 10.00     |             |             |
| <b>VIC/RL9</b>                               | Gippsland Basin | Blocks: 1 | Sq Km: 68   | 21-Mar-2006 |
| <i>Manta</i>                                 |                 |           |             |             |
| Woodside Energy Ltd*                         |                 | 70.59     |             |             |
| Woodside Eastern Energy Pty Ltd              |                 | 29.41     |             |             |

| Title                                 |                       |               |              |             |
|---------------------------------------|-----------------------|---------------|--------------|-------------|
| <b>Accumulation</b>                   |                       |               |              |             |
| Company (Operator*)                   |                       | Equity        | Expiry Date  |             |
| <b>VIC/RL10</b>                       | Gippsland Basin       | Blocks: 1     | Sq Km: 68    | 21-Mar-2006 |
| <i>Gummy</i>                          |                       |               |              |             |
| Woodside Energy Ltd*                  |                       | 70.59         |              |             |
| Woodside Eastern Energy Pty Ltd       |                       | 29.41         |              |             |
| <b>Legislation Group: Territorial</b> |                       |               |              |             |
| Sq km approximate                     |                       |               |              |             |
| <b>VIC/RL1(V)</b>                     | Gippsland Basin       | Blocks: 4     | Sq Km: 90    | 27-Aug-2007 |
| <i>Golden Beach</i>                   |                       |               |              |             |
| Bridge Oil Exploration Pty Ltd*       |                       | 66.67         |              |             |
| Basin Oil NL                          |                       | 33.33         |              |             |
| <b>Tasmania</b>                       |                       |               |              |             |
| <b>Onshore</b>                        |                       |               |              |             |
| <b>Exploration Permit</b>             |                       |               |              |             |
| <b>Legislation Group: Territorial</b> |                       |               |              |             |
| Sq km approximate                     |                       |               |              |             |
| <b>EL13/98</b>                        | Tasmania Basin        | Sq Km: 32 576 |              | 18-May-2004 |
| Great Southland Minerals Pty Ltd*     |                       |               |              |             |
| 100.00                                |                       |               |              |             |
| <b>Offshore</b>                       |                       |               |              |             |
| <b>Exploration Permit</b>             |                       |               |              |             |
| <b>Legislation Group: PSLA</b>        |                       |               |              |             |
| Sq km approximate                     |                       |               |              |             |
| <b>T/18P R3</b>                       | Bass Basin            | Blocks: 16    | Sq Km: 1 080 | 22-Sep-2004 |
| Origin Energy Resources Ltd*          |                       |               |              |             |
| 41.40                                 |                       |               |              |             |
| Aust Wandoo Petroleum Ltd             |                       |               |              |             |
| 12.50                                 |                       |               |              |             |
| AWE Petroleum Ltd                     |                       |               |              |             |
| 22.60                                 |                       |               |              |             |
| CalEnergy Gas (Aust) Ltd              |                       |               |              |             |
| 23.50                                 |                       |               |              |             |
| <b>T/30P</b>                          | Otway Basin           | Blocks: 101   | Sq Km: 6 817 | 09-Jul-2003 |
| Benaris International NV*             |                       |               |              |             |
| 12.70                                 |                       |               |              |             |
| CalEnergy Gas (Aust) Ltd              |                       |               |              |             |
| 6.00                                  |                       |               |              |             |
| Origin Energy Resources Ltd           |                       |               |              |             |
| 28.75                                 |                       |               |              |             |
| Woodside Energy Ltd                   |                       |               |              |             |
| 51.60                                 |                       |               |              |             |
| <b>T/32P</b>                          | Otway Basin           | Blocks: 79    |              | 21-Aug-2008 |
| Santos Ltd*                           |                       |               |              |             |
| 50.00                                 |                       |               |              |             |
| Uncol South Asean Ltd                 |                       |               |              |             |
| 50.00                                 |                       |               |              |             |
| <b>T/33P</b>                          | Sorell Basin          | Blocks: 77    |              | 21-Aug-2008 |
| Santos Ltd*                           |                       |               |              |             |
| 80.00                                 |                       |               |              |             |
| Inpex Alpha Ltd                       |                       |               |              |             |
| 20.00                                 |                       |               |              |             |
| <b>Retention Lease</b>                |                       |               |              |             |
| <b>Legislation Group: PSLA</b>        |                       |               |              |             |
| Sq km approximate                     |                       |               |              |             |
| <b>T/RL1 R2</b>                       | Bass Basin            | Blocks: 9     | Sq Km: 607   | 14-Oct-2006 |
| <i>Yolla</i>                          |                       |               |              |             |
| Origin Energy Resources Ltd*          |                       |               |              |             |
| 32.50                                 |                       |               |              |             |
| AWE Petroleum Ltd                     |                       |               |              |             |
| 37.50                                 |                       |               |              |             |
| CalEnergy Gas (Aust) Ltd              |                       |               |              |             |
| 20.00                                 |                       |               |              |             |
| Origin Northwest Ltd                  |                       |               |              |             |
| 5.00                                  |                       |               |              |             |
| Santos Ltd                            |                       |               |              |             |
| 5.00                                  |                       |               |              |             |
| <b>South Australia</b>                |                       |               |              |             |
| <b>Onshore</b>                        |                       |               |              |             |
| <b>Exploration Permit</b>             |                       |               |              |             |
| <b>Legislation Group: Territorial</b> |                       |               |              |             |
| Sq km approximate                     |                       |               |              |             |
| <b>PEL 27</b>                         | Otway Basin           | Sq Km: 240    |              | 30-Jul-2004 |
| <i>Sawpit</i>                         |                       |               |              |             |
| Oil Company of Australia Ltd*         |                       |               |              |             |
| 67.00                                 |                       |               |              |             |
| Origin Energy Resources Ltd           |                       |               |              |             |
| 33.00                                 |                       |               |              |             |
| <b>PEL 32</b>                         | Otway Basin           | Sq Km: 530    |              | 18-Feb-2005 |
| <i>Wymn</i>                           |                       |               |              |             |
| Sagasco South East Inc.*              |                       |               |              |             |
| 56.00                                 |                       |               |              |             |
| Omega Oil NL                          |                       |               |              |             |
| 24.00                                 |                       |               |              |             |
| Origin Energy Resources Ltd           |                       |               |              |             |
| 20.00                                 |                       |               |              |             |
| <b>PEL 57</b>                         | Otway Basin           | Sq Km: 408    |              | 17-Nov-2006 |
| Lakes Oil NL*                         |                       |               |              |             |
| 30.00                                 |                       |               |              |             |
| Mirboo Ridge Pty Ltd                  |                       |               |              |             |
| 10.00                                 |                       |               |              |             |
| Origin Energy Resources Ltd           |                       |               |              |             |
| 50.00                                 |                       |               |              |             |
| Victoria Petroleum NL                 |                       |               |              |             |
| 10.00                                 |                       |               |              |             |
| <b>PEL 66</b>                         | Otway Basin           | Sq Km: 376    |              | 17-Jun-2006 |
| <i>Kalangadoo</i>                     |                       |               |              |             |
| Origin Energy Resources Ltd*          |                       |               |              |             |
| 70.00                                 |                       |               |              |             |
| Beach Petroleum NL                    |                       |               |              |             |
| 30.00                                 |                       |               |              |             |
| <b>PEL 72</b>                         | Otway Basin           | Sq Km: 504    |              | 25-Mar-2007 |
| Essential Petroleum Resources Ltd*    |                       |               |              |             |
| 100.00                                |                       |               |              |             |
| <b>PEL 73</b>                         | Cooper/Eromanga Basin | Sq Km: 625    |              | 26-Jun-2005 |
| David M. Schuette*                    |                       |               |              |             |
| 100.00                                |                       |               |              |             |
| <b>PEL 82</b>                         | Otway Basin           | Sq Km: 275    |              | 21-Sep-2006 |
| Beach Oil & Gas Pty Ltd*              |                       |               |              |             |
| 40.00                                 |                       |               |              |             |
| Allender J F                          |                       |               |              |             |
| 25.00                                 |                       |               |              |             |
| Alvin Hosking                         |                       |               |              |             |
| 25.00                                 |                       |               |              |             |
| Wenk, Andrew                          |                       |               |              |             |
| 10.00                                 |                       |               |              |             |
| <b>PEL 83</b>                         | Otway Basin           | Sq Km: 413    |              | 14-Mar-2006 |
| Origin Energy Resources Ltd*          |                       |               |              |             |
| 60.00                                 |                       |               |              |             |
| Beach Oil & Gas Pty Ltd               |                       |               |              |             |
| 40.00                                 |                       |               |              |             |
| <b>PEL 86</b>                         | Basin                 | Sq Km: 4 316  |              | 07-Jan-2007 |
| Australian Crude Oil Co. Inc*         |                       |               |              |             |
| 100.00                                |                       |               |              |             |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |              |             |  |
|--------------------------------------|--------------|-------------|--|
| <b>Accumulation</b>                  |              |             |  |
| Company (Operator*)                  | Equity       | Expiry Date |  |
| <b>PEL 87</b> Cooper/Eromanga Basin  | Sq Km: 4 315 | 15-Nov-2006 |  |
| Australian Crude Oil Co. Inc*        | 100.00       |             |  |
| <b>PEL 88</b> Cooper/Eromanga Basin  | Sq Km: 4 987 | 15-Nov-2006 |  |
| Liberty Petroleum Corporation*       | 100.00       |             |  |
| <b>PEL 89</b> Cooper/Eromanga Basin  | Sq Km: 4 891 | 07-Jan-2007 |  |
| Australian Crude Oil Co. Inc*        | 100.00       |             |  |
| <b>PEL 90</b> Cooper/Eromanga Basin  | Sq Km: 1 365 | 29-Oct-2006 |  |
| Stuart Petroleum NL*                 |              |             |  |
| Mawson Oil NL                        |              |             |  |
| <b>PEL 91</b> Cooper/Eromanga Basin  | Sq Km: 2 964 | 07-Jan-2007 |  |
| Great Artesian Oil & Gas Ltd*        | 100.00       |             |  |
| <b>PEL 92</b> Cooper/Eromanga Basin  | Sq Km: 2 878 | 04-Nov-2006 |  |
| Beach Petroleum NL*                  | 100.00       |             |  |
| <b>PEL 93</b> Cooper/Eromanga Basin  | Sq Km: 1 884 | 04-Nov-2006 |  |
| Stuart Petroleum NL*                 | 100.00       |             |  |
| <b>PEL 94</b> Cooper/Eromanga Basin  | Sq Km: 2 703 | 04-Nov-2006 |  |
| Beach Petroleum NL*                  | 50.00        |             |  |
| Magellan Petroleum (NT) Pty Ltd      | 50.00        |             |  |
| <b>PEL 95</b> Cooper/Eromanga Basin  | Sq Km: 3 893 | 29-Oct-2006 |  |
| Beach Petroleum NL*                  | 50.00        |             |  |
| Magellan Petroleum (NT) Pty Ltd      | 50.00        |             |  |
| <b>PEL 102</b> Cooper/Eromanga Basin | Sq Km: 650   | 23-Oct-2007 |  |
| Stuart Petroleum NL*                 | 100.00       |             |  |
| <b>PEL 135</b> Otway Basin           | Sq Km: 1 418 | 07-May-2007 |  |
| Beach Petroleum NL*                  | 100.00       |             |  |
| <b>PEL 136</b> Otway Basin           | Sq Km: 3 371 | 07-May-2007 |  |
| Beach Petroleum NL*                  | 100.00       |             |  |

### Production Licence

| Legislation Group: Territorial       | Sq km approximate |             |  |
|--------------------------------------|-------------------|-------------|--|
| <b>PPL 6</b> Cooper/Eromanga Basin   | Sq Km: 257        | 31-Dec-2005 |  |
| <i>Gidgealpa, Mawson</i>             |                   |             |  |
| Santos Ltd*                          | 40.70             |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97              |             |  |
| Basin Oil NL                         | 2.10              |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99              |             |  |
| Delhi Petroleum Pty Ltd              | 20.21             |             |  |
| Novus Australia Resources NL         | 4.75              |             |  |
| Origin Energy Resources Ltd          | 13.19             |             |  |
| Reef Oil NL                          | 1.97              |             |  |
| Santos (BOL) Pty Ltd                 | 0.21              |             |  |
| Santos Petroleum Pty Ltd             | 0.40              |             |  |
| Vamgas Pty Ltd                       | 8.51              |             |  |
| <b>PPL 7</b> Cooper/Eromanga Basin   | Sq Km: 254        | 31-Dec-2005 |  |
| <i>Moomba, Moomba North</i>          |                   |             |  |
| Santos Ltd*                          | 40.70             |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97              |             |  |
| Basin Oil NL                         | 2.10              |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99              |             |  |
| Delhi Petroleum Pty Ltd              | 20.21             |             |  |
| Novus Australia Resources NL         | 4.75              |             |  |
| Origin Energy Resources Ltd          | 13.19             |             |  |
| Reef Oil NL                          | 1.97              |             |  |
| Santos (BOL) Pty Ltd                 | 0.21              |             |  |
| Santos Petroleum Pty Ltd             | 0.40              |             |  |
| Vamgas Pty Ltd                       | 8.51              |             |  |
| <b>PPL 8</b> Cooper/Eromanga Basin   | Sq Km: 254        | 31-Dec-2005 |  |
| <i>Moomba, Moomba South</i>          |                   |             |  |
| Santos Ltd*                          | 40.70             |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97              |             |  |
| Basin Oil NL                         | 2.10              |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99              |             |  |
| Delhi Petroleum Pty Ltd              | 20.21             |             |  |
| Novus Australia Resources NL         | 4.75              |             |  |
| Origin Energy Resources Ltd          | 13.19             |             |  |
| Reef Oil NL                          | 1.97              |             |  |
| Santos (BOL) Pty Ltd                 | 0.21              |             |  |
| Santos Petroleum Pty Ltd             | 0.40              |             |  |
| Vamgas Pty Ltd                       | 8.51              |             |  |
| <b>PPL 9</b> Cooper/Eromanga Basin   | Sq Km: 133        | 31-Dec-2005 |  |
| <i>Moomba, Moomba South</i>          |                   |             |  |
| Santos Ltd*                          | 40.70             |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97              |             |  |
| Basin Oil NL                         | 2.10              |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99              |             |  |
| Delhi Petroleum Pty Ltd              | 20.21             |             |  |
| Novus Australia Resources NL         | 4.75              |             |  |
| Origin Energy Resources Ltd          | 13.19             |             |  |
| Reef Oil NL                          | 1.97              |             |  |
| Santos (BOL) Pty Ltd                 | 0.21              |             |  |
| Santos Petroleum Pty Ltd             | 0.40              |             |  |
| Vamgas Pty Ltd                       | 8.51              |             |  |

| Title                                      |            |             |  |
|--|------------|-------------|--|
| <b>Accumulation</b>                        |            |             |  |
| Company (Operator*)                        | Equity     | Expiry Date |  |
| <b>PPL10</b> Cooper/Eromanga Basin         | Sq Km: 226 | 31-Dec-2005 |  |
| <i>Cowan, Daralingie, Deina, Yapepi</i>    |            |             |  |
| Santos Ltd*                                | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd       | 3.97       |             |  |
| Basin Oil NL                               | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                    | 20.21      |             |  |
| Novus Australia Resources NL               | 4.75       |             |  |
| Origin Energy Resources Ltd                | 13.19      |             |  |
| Reef Oil NL                                | 1.97       |             |  |
| Santos (BOL) Pty Ltd                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                   | 0.40       |             |  |
| Vamgas Pty Ltd                             | 8.51       |             |  |
| <b>PPL11</b> Cooper/Eromanga Basin         | Sq Km: 160 | 31-Dec-2005 |  |
| <i>Big Lake</i>                            |            |             |  |
| Santos Ltd*                                | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd       | 3.97       |             |  |
| Basin Oil NL                               | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                    | 20.21      |             |  |
| Novus Australia Resources NL               | 4.75       |             |  |
| Origin Energy Resources Ltd                | 13.19      |             |  |
| Reef Oil NL                                | 1.97       |             |  |
| Santos (BOL) Pty Ltd                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                   | 0.40       |             |  |
| Vamgas Pty Ltd                             | 8.51       |             |  |
| <b>PPL12</b> Cooper/Eromanga Basin         | Sq Km: 157 | 31-Dec-2005 |  |
| <i>Burke, Dullingari, Dullingari North</i> |            |             |  |
| Santos Ltd*                                | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd       | 3.97       |             |  |
| Basin Oil NL                               | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                    | 20.21      |             |  |
| Novus Australia Resources NL               | 4.75       |             |  |
| Origin Energy Resources Ltd                | 13.19      |             |  |
| Reef Oil NL                                | 1.97       |             |  |
| Santos (BOL) Pty Ltd                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                   | 0.40       |             |  |
| Vamgas Pty Ltd                             | 8.51       |             |  |
| <b>PPL13</b> Cooper/Eromanga Basin         | Sq Km: 54  | 31-Dec-2005 |  |
| <i>Anyema, Brunby, Marsilea</i>            |            |             |  |
| Santos Ltd*                                | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd       | 3.97       |             |  |
| Basin Oil NL                               | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                    | 20.21      |             |  |
| Novus Australia Resources NL               | 4.75       |             |  |
| Origin Energy Resources Ltd                | 13.19      |             |  |
| Reef Oil NL                                | 1.97       |             |  |
| Santos (BOL) Pty Ltd                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                   | 0.40       |             |  |
| Vamgas Pty Ltd                             | 8.51       |             |  |
| <b>PPL14</b> Cooper/Eromanga Basin         | Sq Km: 233 | 31-Dec-2005 |  |
| <i>Toolachee</i>                           |            |             |  |
| Santos Ltd*                                | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd       | 3.97       |             |  |
| Basin Oil NL                               | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                    | 20.21      |             |  |
| Novus Australia Resources NL               | 4.75       |             |  |
| Origin Energy Resources Ltd                | 13.19      |             |  |
| Reef Oil NL                                | 1.97       |             |  |
| Santos (BOL) Pty Ltd                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                   | 0.40       |             |  |
| Vamgas Pty Ltd                             | 8.51       |             |  |
| <b>PPL15</b> Cooper/Eromanga Basin         | Sq Km: 154 | 31-Dec-2005 |  |
| <i>Della</i>                               |            |             |  |
| Santos Ltd*                                | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd       | 3.97       |             |  |
| Basin Oil NL                               | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                    | 20.21      |             |  |
| Novus Australia Resources NL               | 4.75       |             |  |
| Origin Energy Resources Ltd                | 13.19      |             |  |
| Reef Oil NL                                | 1.97       |             |  |
| Santos (BOL) Pty Ltd                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                   | 0.40       |             |  |
| Vamgas Pty Ltd                             | 8.51       |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title  |            |             |  |
|--|------------|-------------|--|
| <b>Accumulation</b>  |            |             |  |
| Company (Operator*)  | Equity     | Expiry Date |  |
| <b>PPL16</b> Cooper/Eromanga Basin                         | Sq Km: 127 | 31-Dec-2005 |  |
| <i>Big Lake, Namur</i>                                     |            |             |  |
| Santos Ltd*  | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd                       | 3.97       |             |  |
| Basin Oil NL   | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd                            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                                    | 20.21      |             |  |
| Novus Australia Resources NL                               | 4.75       |             |  |
| Origin Energy Resources Ltd                                | 13.19      |             |  |
| Reef Oil NL  | 1.97       |             |  |
| Santos (BOL) Pty Ltd                                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                                   | 0.40       |             |  |
| Vamgas Pty Ltd   | 8.51       |             |  |
| <b>PPL17</b> Cooper/Eromanga Basin                         | Sq Km: 141 | 31-Dec-2005 |  |
| <i>Merrimelia, Pelican (Santos)</i>                        |            |             |  |
| Santos Ltd*  | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd                       | 3.97       |             |  |
| Basin Oil NL   | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd                            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                                    | 20.21      |             |  |
| Novus Australia Resources NL                               | 4.75       |             |  |
| Origin Energy Resources Ltd                                | 13.19      |             |  |
| Reef Oil NL  | 1.97       |             |  |
| Santos (BOL) Pty Ltd                                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                                   | 0.40       |             |  |
| Vamgas Pty Ltd   | 8.51       |             |  |
| <b>PPL18</b> Cooper/Eromanga Basin                         | Sq Km: 109 | 31-Dec-2005 |  |
| <i>Fly Lake/Brolga</i>                                     |            |             |  |
| Santos Ltd*  | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd                       | 3.97       |             |  |
| Basin Oil NL   | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd                            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                                    | 20.21      |             |  |
| Novus Australia Resources NL                               | 4.75       |             |  |
| Origin Energy Resources Ltd                                | 13.19      |             |  |
| Reef Oil NL  | 1.97       |             |  |
| Santos (BOL) Pty Ltd                                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                                   | 0.40       |             |  |
| Vamgas Pty Ltd   | 8.51       |             |  |
| <b>PPL19</b> Cooper/Eromanga Basin                         | Sq Km: 37  | 31-Dec-2005 |  |
| <i>Moorari</i>   |            |             |  |
| Santos Ltd*  | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd                       | 3.97       |             |  |
| Basin Oil NL   | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd                            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                                    | 20.21      |             |  |
| Novus Australia Resources NL                               | 4.75       |             |  |
| Origin Energy Resources Ltd                                | 13.19      |             |  |
| Reef Oil NL  | 1.97       |             |  |
| Santos (BOL) Pty Ltd                                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                                   | 0.40       |             |  |
| Vamgas Pty Ltd   | 8.51       |             |  |
| <b>PPL20</b> Cooper/Eromanga Basin                         | Sq Km: 130 | 31-Dec-2005 |  |
| <i>Gooranie, Tirrawarra</i>                                |            |             |  |
| Santos Ltd*  | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd                       | 3.97       |             |  |
| Basin Oil NL   | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd                            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                                    | 20.21      |             |  |
| Novus Australia Resources NL                               | 4.75       |             |  |
| Origin Energy Resources Ltd                                | 13.19      |             |  |
| Reef Oil NL  | 1.97       |             |  |
| Santos (BOL) Pty Ltd                                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                                   | 0.40       |             |  |
| Vamgas Pty Ltd   | 8.51       |             |  |
| <b>PPL21</b> Otway Basin                                   | Sq Km: 145 | 30-Apr-2021 |  |
| <i>Caroline</i>  |            |             |  |
| Air Liquide Australia Ltd*                                 | 100.00     |             |  |
| <b>PPL22</b> Cooper/Eromanga Basin                         | Sq Km: 234 | 31-Dec-2006 |  |
| <i>Marabooka, Mina, Muderu, Nanima, Strzelicki, Wanara</i> |            |             |  |
| Santos Ltd*  | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd                       | 3.97       |             |  |
| Basin Oil NL   | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd                            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                                    | 20.21      |             |  |
| Novus Australia Resources NL                               | 4.75       |             |  |
| Origin Energy Resources Ltd                                | 13.19      |             |  |
| Reef Oil NL  | 1.97       |             |  |
| Santos (BOL) Pty Ltd                                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                                   | 0.40       |             |  |
| Vamgas Pty Ltd   | 8.51       |             |  |

| Title  |            |             |  |
|--|------------|-------------|--|
| <b>Accumulation</b>  |            |             |  |
| Company (Operator*)  | Equity     | Expiry Date |  |
| <b>PPL23</b> Cooper/Eromanga Basin                         | Sq Km: 80  | 31-Dec-2006 |  |
| <i>Munkarie</i>  |            |             |  |
| Santos Ltd*  | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd                       | 3.97       |             |  |
| Basin Oil NL   | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd                            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                                    | 20.21      |             |  |
| Novus Australia Resources NL                               | 4.75       |             |  |
| Origin Energy Resources Ltd                                | 13.19      |             |  |
| Reef Oil NL  | 1.97       |             |  |
| Santos (BOL) Pty Ltd                                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                                   | 0.40       |             |  |
| Vamgas Pty Ltd   | 8.51       |             |  |
| <b>PPL24</b> Cooper/Eromanga Basin                         | Sq Km: 168 | 31-Dec-2006 |  |
| <i>Boongala, Caraka, Coochilara, Dieri, Kidman, Marana</i> |            |             |  |
| Santos Ltd*  | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd                       | 3.97       |             |  |
| Basin Oil NL   | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd                            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                                    | 20.21      |             |  |
| Novus Australia Resources NL                               | 4.75       |             |  |
| Origin Energy Resources Ltd                                | 13.19      |             |  |
| Reef Oil NL  | 1.97       |             |  |
| Santos (BOL) Pty Ltd                                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                                   | 0.40       |             |  |
| Vamgas Pty Ltd   | 8.51       |             |  |
| <b>PPL25</b> Cooper/Eromanga Basin                         | Sq Km: 20  | 31-Dec-2006 |  |
| <i>Naracoowie</i>  |            |             |  |
| Santos Ltd*  | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd                       | 3.97       |             |  |
| Basin Oil NL   | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd                            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                                    | 20.21      |             |  |
| Novus Australia Resources NL                               | 4.75       |             |  |
| Origin Energy Resources Ltd                                | 13.19      |             |  |
| Reef Oil NL  | 1.97       |             |  |
| Santos (BOL) Pty Ltd                                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                                   | 0.40       |             |  |
| Vamgas Pty Ltd   | 8.51       |             |  |
| <b>PPL26</b> Cooper/Eromanga Basin                         | Sq Km: 4   | 10-Jun-2007 |  |
| <i>Cuttapirrie</i>   |            |             |  |
| Santos Ltd*  | 25.60      |             |  |
| Delhi Petroleum Pty Ltd                                    | 17.14      |             |  |
| Novus Australia Resources NL                               | 2.97       |             |  |
| Origin Energy Resources Ltd                                | 10.54      |             |  |
| Vamgas Pty Ltd   | 43.75      |             |  |
| <b>PPL27</b> Cooper/Eromanga Basin                         | Sq Km: 23  | 31-Dec-2006 |  |
| <i>Mudrange</i>  |            |             |  |
| Santos Ltd*  | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd                       | 3.97       |             |  |
| Basin Oil NL   | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd                            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                                    | 20.21      |             |  |
| Novus Australia Resources NL                               | 4.75       |             |  |
| Origin Energy Resources Ltd                                | 13.19      |             |  |
| Reef Oil NL  | 1.97       |             |  |
| Santos (BOL) Pty Ltd                                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                                   | 0.40       |             |  |
| Vamgas Pty Ltd   | 8.51       |             |  |
| <b>PPL28</b> Cooper/Eromanga Basin                         | Sq Km: 16  | 06-May-2007 |  |
| <i>Kanowana</i>  |            |             |  |
| Santos Ltd*  | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd                       | 3.97       |             |  |
| Basin Oil NL   | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd                            | 3.99       |             |  |
| Delhi Petroleum Pty Ltd                                    | 20.21      |             |  |
| Novus Australia Resources NL                               | 4.75       |             |  |
| Origin Energy Resources Ltd                                | 13.19      |             |  |
| Reef Oil NL  | 1.97       |             |  |
| Santos (BOL) Pty Ltd                                       | 0.21       |             |  |
| Santos Petroleum Pty Ltd                                   | 0.40       |             |  |
| Vamgas Pty Ltd   | 8.51       |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |           |             |  |
|--------------------------------------|-----------|-------------|--|
| <b>Accumulation</b>                  |           |             |  |
| Company (Operator*)                  | Equity    | Expiry Date |  |
| <b>PPL29</b> Cooper/Eromanga Basin   | Sq Km: 3  | 31-Dec-2008 |  |
| <i>Rakoona</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL30</b> Cooper/Eromanga Basin   | Sq Km: 49 | 31-Dec-2006 |  |
| <i>Limestone Creek/Biala</i>         |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL31</b> Cooper/Eromanga Basin   | Sq Km: 6  | 06-May-2007 |  |
| <i>Wanoocha</i>                      |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL32</b> Cooper/Eromanga Basin   | Sq Km: 6  | 06-May-2007 |  |
| <i>Muteroo</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL33</b> Cooper/Eromanga Basin   | Sq Km: 15 | 31-Dec-2006 |  |
| <i>Bookabourdie</i>                  |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL34</b> Cooper/Eromanga Basin   | Sq Km: 9  | 31-Dec-2006 |  |
| <i>McKinlay</i>                      |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |

| Title                                       |           |             |  |
|---|-----------|-------------|--|
| <b>Accumulation</b>                         |           |             |  |
| Company (Operator*)                         | Equity    | Expiry Date |  |
| <b>PPL35</b> Cooper/Eromanga Basin          | Sq Km: 21 | 31-Dec-2006 |  |
| <i>Meranji</i>                              |           |             |  |
| Santos Ltd*                                 | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd        | 3.97      |             |  |
| Basin Oil NL                                | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd             | 3.99      |             |  |
| Delhi Petroleum Pty Ltd                     | 20.21     |             |  |
| Novus Australia Resources NL                | 4.75      |             |  |
| Origin Energy Resources Ltd                 | 13.19     |             |  |
| Reef Oil NL                                 | 1.97      |             |  |
| Santos (BOL) Pty Ltd                        | 0.21      |             |  |
| Santos Petroleum Pty Ltd                    | 0.40      |             |  |
| Vamgas Pty Ltd                              | 8.51      |             |  |
| <b>PPL36</b> Cooper/Eromanga Basin          | Sq Km: 47 | 31-Dec-2006 |  |
| <i>Ahyyn, Jena, Ulandi</i>                  |           |             |  |
| Santos Ltd*                                 | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd        | 3.97      |             |  |
| Basin Oil NL                                | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd             | 3.99      |             |  |
| Delhi Petroleum Pty Ltd                     | 20.21     |             |  |
| Novus Australia Resources NL                | 4.75      |             |  |
| Origin Energy Resources Ltd                 | 13.19     |             |  |
| Reef Oil NL                                 | 1.97      |             |  |
| Santos (BOL) Pty Ltd                        | 0.21      |             |  |
| Santos Petroleum Pty Ltd                    | 0.40      |             |  |
| Vamgas Pty Ltd                              | 8.51      |             |  |
| <b>PPL37</b> Cooper/Eromanga Basin          | Sq Km: 8  | 06-Oct-2007 |  |
| <i>Spencer</i>                              |           |             |  |
| Santos Ltd*                                 | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd        | 3.97      |             |  |
| Basin Oil NL                                | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd             | 3.99      |             |  |
| Delhi Petroleum Pty Ltd                     | 20.21     |             |  |
| Novus Australia Resources NL                | 4.75      |             |  |
| Origin Energy Resources Ltd                 | 13.19     |             |  |
| Reef Oil NL                                 | 1.97      |             |  |
| Santos (BOL) Pty Ltd                        | 0.21      |             |  |
| Santos Petroleum Pty Ltd                    | 0.40      |             |  |
| Vamgas Pty Ltd                              | 8.51      |             |  |
| <b>PPL38</b> Cooper/Eromanga Basin          | Sq Km: 10 | 06-Oct-2007 |  |
| <i>Dirkala, Dirkala South, Dirkala West</i> |           |             |  |
| Santos Ltd*                                 | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd        | 3.97      |             |  |
| Basin Oil NL                                | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd             | 3.99      |             |  |
| Delhi Petroleum Pty Ltd                     | 20.21     |             |  |
| Novus Australia Resources NL                | 4.75      |             |  |
| Origin Energy Resources Ltd                 | 13.19     |             |  |
| Reef Oil NL                                 | 1.97      |             |  |
| Santos (BOL) Pty Ltd                        | 0.21      |             |  |
| Santos Petroleum Pty Ltd                    | 0.40      |             |  |
| Vamgas Pty Ltd                              | 8.51      |             |  |
| <b>PPL39</b> Cooper/Eromanga Basin          | Sq Km: 2  | 31-Dec-2006 |  |
| <i>Nungeroo</i>                             |           |             |  |
| Santos Ltd*                                 | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd        | 3.97      |             |  |
| Basin Oil NL                                | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd             | 3.99      |             |  |
| Delhi Petroleum Pty Ltd                     | 20.21     |             |  |
| Novus Australia Resources NL                | 4.75      |             |  |
| Origin Energy Resources Ltd                 | 13.19     |             |  |
| Reef Oil NL                                 | 1.97      |             |  |
| Santos (BOL) Pty Ltd                        | 0.21      |             |  |
| Santos Petroleum Pty Ltd                    | 0.40      |             |  |
| Vamgas Pty Ltd                              | 8.51      |             |  |
| <b>PPL40</b> Cooper/Eromanga Basin          | Sq Km: 11 | 31-Dec-2007 |  |
| <i>Lepena</i>                               |           |             |  |
| Santos Ltd*                                 | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd        | 3.97      |             |  |
| Basin Oil NL                                | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd             | 3.99      |             |  |
| Delhi Petroleum Pty Ltd                     | 20.21     |             |  |
| Novus Australia Resources NL                | 4.75      |             |  |
| Origin Energy Resources Ltd                 | 13.19     |             |  |
| Reef Oil NL                                 | 1.97      |             |  |
| Santos (BOL) Pty Ltd                        | 0.21      |             |  |
| Santos Petroleum Pty Ltd                    | 0.40      |             |  |
| Vamgas Pty Ltd                              | 8.51      |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |           |             |  |
|--------------------------------------|-----------|-------------|--|
| <b>Accumulation</b>                  |           |             |  |
| Company (Operator*)                  | Equity    | Expiry Date |  |
| <b>PPL41</b> Cooper/Eromanga Basin   | Sq Km: 20 | 31-Dec-2011 |  |
| <i>Kapinka, Mundi</i>                |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL42</b> Cooper/Eromanga Basin   | Sq Km: 7  | 31-Dec-2008 |  |
| <i>Bookabourdie</i>                  |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL43</b> Cooper/Eromanga Basin   | Sq Km: 3  | 31-Dec-2008 |  |
| <i>Taylor South</i>                  |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL44</b> Cooper/Eromanga Basin   | Sq Km: 5  | 31-Dec-2008 |  |
| <i>Bimbaya</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL45</b> Cooper/Eromanga Basin   | Sq Km: 1  | 29-Mar-2010 |  |
| <i>Taloola</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL46</b> Cooper/Eromanga Basin   | Sq Km: 2  | 20-Dec-2009 |  |
| <i>Tantanna</i>                      |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |

| Title                                |           |             |  |
|--------------------------------------|-----------|-------------|--|
| <b>Accumulation</b>                  |           |             |  |
| Company (Operator*)                  | Equity    | Expiry Date |  |
| <b>PPL47</b> Cooper/Eromanga Basin   | Sq Km: 4  | 20-Dec-2009 |  |
| <i>Sturt, Sturt East</i>             |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL48</b> Cooper/Eromanga Basin   | Sq Km: 2  | 31-Dec-2010 |  |
| <i>Kurunda</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL49</b> Cooper/Eromanga Basin   | Sq Km: 8  | 31-Dec-2010 |  |
| <i>Andree/Leleptian</i>              |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL50</b> Cooper/Eromanga Basin   | Sq Km: 17 | 31-Dec-2009 |  |
| <i>Andree/Leleptian</i>              |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL51</b> Cooper/Eromanga Basin   | Sq Km: 7  | 31-Dec-2011 |  |
| <i>Kirralee</i>                      |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL52</b> Cooper/Eromanga Basin   | Sq Km: 2  | 31-Dec-2009 |  |
| <i>Gooranie South</i>                |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |           |             |  |
|--------------------------------------|-----------|-------------|--|
| <b>Accumulation</b>                  |           |             |  |
| Company (Operator*)                  | Equity    | Expiry Date |  |
| <b>PPL53</b> Cooper/Eromanga Basin   | Sq Km: 2  | 04-Dec-2010 |  |
| <i>Spencer West</i>                  |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL54</b> Cooper/Eromanga Basin   | Sq Km: 1  | 15-Jun-2010 |  |
| <i>Pintari North</i>                 |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL55</b> Cooper/Eromanga Basin   | Sq Km: 10 | 31-Dec-2011 |  |
| <i>Varanus</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL56</b> Cooper/Eromanga Basin   | Sq Km: 4  | 31-Dec-2013 |  |
| <i>Varanus, Varanus South</i>        |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL57</b> Cooper/Eromanga Basin   | Sq Km: 10 | 16-Jul-2011 |  |
| <i>Thurakinna</i>                    |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL58</b> Cooper/Eromanga Basin   | Sq Km: 15 | 31-Dec-2010 |  |
| <i>Metitika</i>                      |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |

| Title                                      |           |             |  |
|--|-----------|-------------|--|
| <b>Accumulation</b>                        |           |             |  |
| Company (Operator*)                        | Equity    | Expiry Date |  |
| <b>PPL59</b> Cooper/Eromanga Basin         | Sq Km: 10 | 16-Jul-2011 |  |
| <i>Garanjanie</i>                          |           |             |  |
| Santos Ltd*                                | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd       | 3.97      |             |  |
| Basin Oil NL                               | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd            | 3.99      |             |  |
| Delhi Petroleum Pty Ltd                    | 20.21     |             |  |
| Novus Australia Resources NL               | 4.75      |             |  |
| Origin Energy Resources Ltd                | 13.19     |             |  |
| Reef Oil NL                                | 1.97      |             |  |
| Santos (BOL) Pty Ltd                       | 0.21      |             |  |
| Santos Petroleum Pty Ltd                   | 0.40      |             |  |
| Vamgas Pty Ltd                             | 8.51      |             |  |
| <b>PPL60</b> Cooper/Eromanga Basin         | Sq Km: 7  | 25-May-2014 |  |
| <i>Wirrarie, Wirrarie North</i>            |           |             |  |
| Santos Ltd*                                | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd       | 3.97      |             |  |
| Basin Oil NL                               | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd            | 3.99      |             |  |
| Delhi Petroleum Pty Ltd                    | 20.21     |             |  |
| Novus Australia Resources NL               | 4.75      |             |  |
| Origin Energy Resources Ltd                | 13.19     |             |  |
| Reef Oil NL                                | 1.97      |             |  |
| Santos (BOL) Pty Ltd                       | 0.21      |             |  |
| Santos Petroleum Pty Ltd                   | 0.40      |             |  |
| Vamgas Pty Ltd                             | 8.51      |             |  |
| <b>PPL61</b> Cooper/Eromanga Basin         | Sq Km: 12 | 17-Oct-2011 |  |
| <i>Arakia/Mnrta</i>                        |           |             |  |
| Santos Ltd*                                | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd       | 3.97      |             |  |
| Basin Oil NL                               | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd            | 3.99      |             |  |
| Delhi Petroleum Pty Ltd                    | 20.21     |             |  |
| Novus Australia Resources NL               | 4.75      |             |  |
| Origin Energy Resources Ltd                | 13.19     |             |  |
| Reef Oil NL                                | 1.97      |             |  |
| Santos (BOL) Pty Ltd                       | 0.21      |             |  |
| Santos Petroleum Pty Ltd                   | 0.40      |             |  |
| Vamgas Pty Ltd                             | 8.51      |             |  |
| <b>PPL62</b> Otway Basin                   | Sq Km: 29 | 26-Nov-2011 |  |
| <i>Haselgrove, Katnook, Ladbroke Grove</i> |           |             |  |
| Origin Energy Resources Ltd*               | 20.00     |             |  |
| Omega Oil NL                               | 24.29     |             |  |
| Sagasco South East Inc.                    | 55.71     |             |  |
| <b>PPL63</b> Cooper/Eromanga Basin         | Sq Km: 1  | 23-May-2012 |  |
| <i>Malgoona</i>                            |           |             |  |
| Santos Ltd*                                | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd       | 3.97      |             |  |
| Basin Oil NL                               | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd            | 3.99      |             |  |
| Delhi Petroleum Pty Ltd                    | 20.21     |             |  |
| Novus Australia Resources NL               | 4.75      |             |  |
| Origin Energy Resources Ltd                | 13.19     |             |  |
| Reef Oil NL                                | 1.97      |             |  |
| Santos (BOL) Pty Ltd                       | 0.21      |             |  |
| Santos Petroleum Pty Ltd                   | 0.40      |             |  |
| Vamgas Pty Ltd                             | 8.51      |             |  |
| <b>PPL64</b> Cooper/Eromanga Basin         | Sq Km: 2  | 23-May-2012 |  |
| <i>Malgoona</i>                            |           |             |  |
| Santos Ltd*                                | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd       | 3.97      |             |  |
| Basin Oil NL                               | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd            | 3.99      |             |  |
| Delhi Petroleum Pty Ltd                    | 20.21     |             |  |
| Novus Australia Resources NL               | 4.75      |             |  |
| Origin Energy Resources Ltd                | 13.19     |             |  |
| Reef Oil NL                                | 1.97      |             |  |
| Santos (BOL) Pty Ltd                       | 0.21      |             |  |
| Santos Petroleum Pty Ltd                   | 0.40      |             |  |
| Vamgas Pty Ltd                             | 8.51      |             |  |
| <b>PPL65</b> Cooper/Eromanga Basin         | Sq Km: 6  | 17-Jul-2012 |  |
| <i>Kujani</i>                              |           |             |  |
| Santos Ltd*                                | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd       | 3.97      |             |  |
| Basin Oil NL                               | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd            | 3.99      |             |  |
| Delhi Petroleum Pty Ltd                    | 20.21     |             |  |
| Novus Australia Resources NL               | 4.75      |             |  |
| Origin Energy Resources Ltd                | 13.19     |             |  |
| Reef Oil NL                                | 1.97      |             |  |
| Santos (BOL) Pty Ltd                       | 0.21      |             |  |
| Santos Petroleum Pty Ltd                   | 0.40      |             |  |
| Vamgas Pty Ltd                             | 8.51      |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |           |             |  |
|--------------------------------------|-----------|-------------|--|
| <b>Accumulation</b>                  |           |             |  |
| Company (Operator*)                  | Equity    | Expiry Date |  |
| <b>PPL66</b> Cooper/Eromanga Basin   | Sq Km: 11 | 24-Nov-2012 |  |
| <i>Jack Lake</i>                     |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL67</b> Cooper/Eromanga Basin   | Sq Km: 11 | 17-Jul-2012 |  |
| <i>Keena</i>                         |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL68</b> Cooper/Eromanga Basin   | Sq Km: 14 | 31-Dec-2011 |  |
| <i>Cooba</i>                         |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL69</b> Cooper/Eromanga Basin   | Sq Km: 12 | 31-Dec-2011 |  |
| <i>Tarwonga</i>                      |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL70</b> Cooper/Eromanga Basin   | Sq Km: 6  | 25-May-2014 |  |
| <i>Farina</i>                        |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL71</b> Cooper/Eromanga Basin   | Sq Km: 16 | 31-Dec-2013 |  |
| <i>Kerna</i>                         |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |

| Title                                |           |             |  |
|--------------------------------------|-----------|-------------|--|
| <b>Accumulation</b>                  |           |             |  |
| Company (Operator*)                  | Equity    | Expiry Date |  |
| <b>PPL72</b> Cooper/Eromanga Basin   | Sq Km: 17 | 31-Dec-2013 |  |
| <i>Dilbebe, Pira</i>                 |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL73</b> Cooper/Eromanga Basin   | Sq Km: 1  | 31-Dec-2015 |  |
| <i>Mudlalee</i>                      |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL74</b> Cooper/Eromanga Basin   | Sq Km: 5  | 31-Dec-2015 |  |
| <i>Allambi</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL75</b> Cooper/Eromanga Basin   | Sq Km: 6  | 26-Oct-2016 |  |
| <i>Caladan</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL76</b> Cooper/Eromanga Basin   | Sq Km: 3  | 26-Oct-2016 |  |
| <i>Telopea</i>                       |           |             |  |
| Santos Ltd*                          | 25.60     |             |  |
| Delhi Petroleum Pty Ltd              | 17.14     |             |  |
| Novus Australia Resources NL         | 2.97      |             |  |
| Origin Energy Resources Ltd          | 10.54     |             |  |
| Vamgas Pty Ltd                       | 43.75     |             |  |
| <b>PPL77</b> Cooper/Eromanga Basin   | Sq Km: 10 | 26-Oct-2016 |  |
| <i>Keleary</i>                       |           |             |  |
| Santos Ltd*                          | 25.60     |             |  |
| Delhi Petroleum Pty Ltd              | 17.14     |             |  |
| Novus Australia Resources NL         | 2.97      |             |  |
| Origin Energy Resources Ltd          | 10.54     |             |  |
| Vamgas Pty Ltd                       | 43.75     |             |  |
| <b>PPL78</b> Cooper/Eromanga Basin   | Sq Km: 6  | 31-Dec-2016 |  |
| <i>Baratta</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |           |             |  |
|--------------------------------------|-----------|-------------|--|
| <b>Accumulation</b>                  |           |             |  |
| Company (Operator*)                  | Equity    | Expiry Date |  |
| <b>PPL79</b> Cooper/Eromanga Basin   | Sq Km: 2  | 31-Dec-2016 |  |
| <i>Gabnia</i>                        |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL80</b> Cooper/Eromanga Basin   | Sq Km: 3  | 31-Dec-2016 |  |
| <i>Corra</i>                         |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL81</b> Cooper/Eromanga Basin   | Sq Km: 4  | 31-Oct-2017 |  |
| <i>Caladan, Caladan North East</i>   |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL82</b> Cooper/Eromanga Basin   | Sq Km: 6  | 31-Dec-2016 |  |
| <i>Wankatanna</i>                    |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL83</b> Cooper/Eromanga Basin   | Sq Km: 3  | 31-Dec-2016 |  |
| <i>Pigona</i>                        |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL84</b> Cooper/Eromanga Basin   | Sq Km: 28 | 06-Jun-2018 |  |
| <i>Barina</i>                        |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |

| Title                                |           |             |  |
|--------------------------------------|-----------|-------------|--|
| <b>Accumulation</b>                  |           |             |  |
| Company (Operator*)                  | Equity    | Expiry Date |  |
| <b>PPL85</b> Cooper/Eromanga Basin   | Sq Km: 3  | 31-Dec-2017 |  |
| <i>Alisma</i>                        |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL86</b> Cooper/Eromanga Basin   | Sq Km: 2  | 31-Dec-2017 |  |
| <i>Carmina</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL87</b> Cooper/Eromanga Basin   | Sq Km: 5  | 31-Dec-2017 |  |
| <i>Boobook</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL88</b> Cooper/Eromanga Basin   | Sq Km: 2  | 31-Dec-2017 |  |
| <i>Lyoosa</i>                        |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL89</b> Cooper/Eromanga Basin   | Sq Km: 6  | 31-Dec-2017 |  |
| <i>Bobs Well</i>                     |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL90</b> Cooper/Eromanga Basin   | Sq Km: 61 | 31-Dec-2017 |  |
| <i>Packsaddle, Pondrinie</i>         |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |           |             |  |
|--------------------------------------|-----------|-------------|--|
| <b>Accumulation</b>                  |           |             |  |
| Company (Operator*)                  | Equity    | Expiry Date |  |
| <b>PPL91</b> Cooper/Eromanga Basin   | Sq Km: 9  | 31-Dec-2017 |  |
| <i>Cowralli</i>                      |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL92</b> Cooper/Eromanga Basin   | Sq Km: 2  | 31-Dec-2017 |  |
| <i>Plantago</i>                      |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL93</b> Cooper/Eromanga Basin   | Sq Km: 7  | 31-Dec-2017 |  |
| <i>Wilpinnie</i>                     |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL94</b> Cooper/Eromanga Basin   | Sq Km: 7  | 08-Jan-2019 |  |
| <i>Atreides</i>                      |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL95</b> Cooper/Eromanga Basin   | Sq Km: 12 | 21-May-2019 |  |
| <i>Nephrite</i>                      |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL96</b> Cooper/Eromanga Basin   | Sq Km: 3  | 31-Dec-2017 |  |
| <i>Beckler</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |

| Title                                |            |             |  |
|--------------------------------------|------------|-------------|--|
| <b>Accumulation</b>                  |            |             |  |
| Company (Operator*)                  | Equity     | Expiry Date |  |
| <b>PPL97</b> Cooper/Eromanga Basin   | Sq Km: 2   | 31-Dec-2017 |  |
| <i>Beckler South</i>                 |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL98</b> Cooper/Eromanga Basin   | Sq Km: 7   | 31-Dec-2017 |  |
| <i>Merupa</i>                        |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL99</b> Cooper/Eromanga Basin   | Sq Km: 7   | 31-Dec-2017 |  |
| <i>Merindal</i>                      |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL100</b> Cooper/Eromanga Basin  | Sq Km: 5   | 31-Dec-2017 |  |
| <i>Nappacoonge, Nappacoonge East</i> |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL101</b> Cooper/Eromanga Basin  | Sq Km: 214 | 02-Nov-2018 |  |
| <i>Nappameri Trough, Swan Lake</i>   |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL102</b> Cooper/Eromanga Basin  | Sq Km: 231 | 02-Nov-2018 |  |
| <i>Nappameri Trough, Wantana</i>     |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| <b>Title</b>                         |               |                    |  |
|--------------------------------------|---------------|--------------------|--|
| <b>Accumulation</b>                  |               |                    |  |
| <b>Company (Operator*)</b>           | <b>Equity</b> | <b>Expiry Date</b> |  |
| <b>PPL103</b> Cooper/Eromanga Basin  | Sq Km: 258    | 02-Nov-2018        |  |
| <i>Wantana</i>                       |               |                    |  |
| Santos Ltd*                          | 40.70         |                    |  |
| Alliance Petroleum Australia Pty Ltd | 3.97          |                    |  |
| Basin Oil NL                         | 2.10          |                    |  |
| Bridge Oil Developments Pty Ltd      | 3.99          |                    |  |
| Delhi Petroleum Pty Ltd              | 20.21         |                    |  |
| Novus Australia Resources NL         | 4.75          |                    |  |
| Origin Energy Resources Ltd          | 13.19         |                    |  |
| Reef Oil NL                          | 1.97          |                    |  |
| Santos (BOL) Pty Ltd                 | 0.21          |                    |  |
| Santos Petroleum Pty Ltd             | 0.40          |                    |  |
| Vamgas Pty Ltd                       | 8.51          |                    |  |
| <b>PPL104</b> Cooper/Eromanga Basin  | Sq Km: 259    | 02-Nov-2018        |  |
| <i>Santos Ltd*</i>                   |               |                    |  |
| Santos Ltd*                          | 40.70         |                    |  |
| Alliance Petroleum Australia Pty Ltd | 3.97          |                    |  |
| Basin Oil NL                         | 2.10          |                    |  |
| Bridge Oil Developments Pty Ltd      | 3.99          |                    |  |
| Delhi Petroleum Pty Ltd              | 20.21         |                    |  |
| Novus Australia Resources NL         | 4.75          |                    |  |
| Origin Energy Resources Ltd          | 13.19         |                    |  |
| Reef Oil NL                          | 1.97          |                    |  |
| Santos (BOL) Pty Ltd                 | 0.21          |                    |  |
| Santos Petroleum Pty Ltd             | 0.40          |                    |  |
| Vamgas Pty Ltd                       | 8.51          |                    |  |
| <b>PPL105</b> Cooper/Eromanga Basin  | Sq Km: 256    | 02-Nov-2018        |  |
| <i>Kirby</i>                         |               |                    |  |
| Santos Ltd*                          | 40.70         |                    |  |
| Alliance Petroleum Australia Pty Ltd | 3.97          |                    |  |
| Basin Oil NL                         | 2.10          |                    |  |
| Bridge Oil Developments Pty Ltd      | 3.99          |                    |  |
| Delhi Petroleum Pty Ltd              | 20.21         |                    |  |
| Novus Australia Resources NL         | 4.75          |                    |  |
| Origin Energy Resources Ltd          | 13.19         |                    |  |
| Reef Oil NL                          | 1.97          |                    |  |
| Santos (BOL) Pty Ltd                 | 0.21          |                    |  |
| Santos Petroleum Pty Ltd             | 0.40          |                    |  |
| Vamgas Pty Ltd                       | 8.51          |                    |  |
| <b>PPL106</b> Cooper/Eromanga Basin  | Sq Km: 254    | 02-Nov-2018        |  |
| <i>Santos Ltd*</i>                   |               |                    |  |
| Santos Ltd*                          | 40.70         |                    |  |
| Alliance Petroleum Australia Pty Ltd | 3.97          |                    |  |
| Basin Oil NL                         | 2.10          |                    |  |
| Bridge Oil Developments Pty Ltd      | 3.99          |                    |  |
| Delhi Petroleum Pty Ltd              | 20.21         |                    |  |
| Novus Australia Resources NL         | 4.75          |                    |  |
| Origin Energy Resources Ltd          | 13.19         |                    |  |
| Reef Oil NL                          | 1.97          |                    |  |
| Santos (BOL) Pty Ltd                 | 0.21          |                    |  |
| Santos Petroleum Pty Ltd             | 0.40          |                    |  |
| Vamgas Pty Ltd                       | 8.51          |                    |  |
| <b>PPL107</b> Cooper/Eromanga Basin  | Sq Km: 217    | 02-Nov-2018        |  |
| <i>Darren</i>                        |               |                    |  |
| Santos Ltd*                          | 40.70         |                    |  |
| Alliance Petroleum Australia Pty Ltd | 3.97          |                    |  |
| Basin Oil NL                         | 2.10          |                    |  |
| Bridge Oil Developments Pty Ltd      | 3.99          |                    |  |
| Delhi Petroleum Pty Ltd              | 20.21         |                    |  |
| Novus Australia Resources NL         | 4.75          |                    |  |
| Origin Energy Resources Ltd          | 13.19         |                    |  |
| Reef Oil NL                          | 1.97          |                    |  |
| Santos (BOL) Pty Ltd                 | 0.21          |                    |  |
| Santos Petroleum Pty Ltd             | 0.40          |                    |  |
| Vamgas Pty Ltd                       | 8.51          |                    |  |
| <b>PPL108</b> Cooper/Eromanga Basin  | Sq Km: 254    | 02-Nov-2018        |  |
| <i>Santos Ltd*</i>                   |               |                    |  |
| Santos Ltd*                          | 40.70         |                    |  |
| Alliance Petroleum Australia Pty Ltd | 3.97          |                    |  |
| Basin Oil NL                         | 2.10          |                    |  |
| Bridge Oil Developments Pty Ltd      | 3.99          |                    |  |
| Delhi Petroleum Pty Ltd              | 20.21         |                    |  |
| Novus Australia Resources NL         | 4.75          |                    |  |
| Origin Energy Resources Ltd          | 13.19         |                    |  |
| Reef Oil NL                          | 1.97          |                    |  |
| Santos (BOL) Pty Ltd                 | 0.21          |                    |  |
| Santos Petroleum Pty Ltd             | 0.40          |                    |  |
| Vamgas Pty Ltd                       | 8.51          |                    |  |

| <b>Title</b>                         |               |                    |  |
|--------------------------------------|---------------|--------------------|--|
| <b>Accumulation</b>                  |               |                    |  |
| <b>Company (Operator*)</b>           | <b>Equity</b> | <b>Expiry Date</b> |  |
| <b>PPL109</b> Cooper/Eromanga Basin  | Sq Km: 248    | 02-Nov-2018        |  |
| <i>Buhera</i>                        |               |                    |  |
| Santos Ltd*                          | 40.70         |                    |  |
| Alliance Petroleum Australia Pty Ltd | 3.97          |                    |  |
| Basin Oil NL                         | 2.10          |                    |  |
| Bridge Oil Developments Pty Ltd      | 3.99          |                    |  |
| Delhi Petroleum Pty Ltd              | 20.21         |                    |  |
| Novus Australia Resources NL         | 4.75          |                    |  |
| Origin Energy Resources Ltd          | 13.19         |                    |  |
| Reef Oil NL                          | 1.97          |                    |  |
| Santos (BOL) Pty Ltd                 | 0.21          |                    |  |
| Santos Petroleum Pty Ltd             | 0.40          |                    |  |
| Vamgas Pty Ltd                       | 8.51          |                    |  |
| <b>PPL110</b> Cooper/Eromanga Basin  | Sq Km: 228    | 02-Nov-2018        |  |
| <i>Burley</i>                        |               |                    |  |
| Santos Ltd*                          | 40.70         |                    |  |
| Alliance Petroleum Australia Pty Ltd | 3.97          |                    |  |
| Basin Oil NL                         | 2.10          |                    |  |
| Bridge Oil Developments Pty Ltd      | 3.99          |                    |  |
| Delhi Petroleum Pty Ltd              | 20.21         |                    |  |
| Novus Australia Resources NL         | 4.75          |                    |  |
| Origin Energy Resources Ltd          | 13.19         |                    |  |
| Reef Oil NL                          | 1.97          |                    |  |
| Santos (BOL) Pty Ltd                 | 0.21          |                    |  |
| Santos Petroleum Pty Ltd             | 0.40          |                    |  |
| Vamgas Pty Ltd                       | 8.51          |                    |  |
| <b>PPL111</b> Cooper/Eromanga Basin  | Sq Km: 254    | 02-Nov-2018        |  |
| <i>Mid Lead</i>                      |               |                    |  |
| Santos Ltd*                          | 40.70         |                    |  |
| Alliance Petroleum Australia Pty Ltd | 3.97          |                    |  |
| Basin Oil NL                         | 2.10          |                    |  |
| Bridge Oil Developments Pty Ltd      | 3.99          |                    |  |
| Delhi Petroleum Pty Ltd              | 20.21         |                    |  |
| Novus Australia Resources NL         | 4.75          |                    |  |
| Origin Energy Resources Ltd          | 13.19         |                    |  |
| Reef Oil NL                          | 1.97          |                    |  |
| Santos (BOL) Pty Ltd                 | 0.21          |                    |  |
| Santos Petroleum Pty Ltd             | 0.40          |                    |  |
| Vamgas Pty Ltd                       | 8.51          |                    |  |
| <b>PPL112</b> Cooper/Eromanga Basin  | Sq Km: 255    | 02-Nov-2018        |  |
| <i>Santos Ltd*</i>                   |               |                    |  |
| Santos Ltd*                          | 40.70         |                    |  |
| Alliance Petroleum Australia Pty Ltd | 3.97          |                    |  |
| Basin Oil NL                         | 2.10          |                    |  |
| Bridge Oil Developments Pty Ltd      | 3.99          |                    |  |
| Delhi Petroleum Pty Ltd              | 20.21         |                    |  |
| Novus Australia Resources NL         | 4.75          |                    |  |
| Origin Energy Resources Ltd          | 13.19         |                    |  |
| Reef Oil NL                          | 1.97          |                    |  |
| Santos (BOL) Pty Ltd                 | 0.21          |                    |  |
| Santos Petroleum Pty Ltd             | 0.40          |                    |  |
| Vamgas Pty Ltd                       | 8.51          |                    |  |
| <b>PPL113</b> Cooper/Eromanga Basin  | Sq Km: 232    | 02-Nov-2018        |  |
| <i>Moomba</i>                        |               |                    |  |
| Santos Ltd*                          | 40.70         |                    |  |
| Alliance Petroleum Australia Pty Ltd | 3.97          |                    |  |
| Basin Oil NL                         | 2.10          |                    |  |
| Bridge Oil Developments Pty Ltd      | 3.99          |                    |  |
| Delhi Petroleum Pty Ltd              | 20.21         |                    |  |
| Novus Australia Resources NL         | 4.75          |                    |  |
| Origin Energy Resources Ltd          | 13.19         |                    |  |
| Reef Oil NL                          | 1.97          |                    |  |
| Santos (BOL) Pty Ltd                 | 0.21          |                    |  |
| Santos Petroleum Pty Ltd             | 0.40          |                    |  |
| Vamgas Pty Ltd                       | 8.51          |                    |  |
| <b>PPL114</b> Cooper/Eromanga Basin  | Sq Km: 242    | 02-Nov-2018        |  |
| <i>Santos Ltd*</i>                   |               |                    |  |
| Santos Ltd*                          | 40.70         |                    |  |
| Alliance Petroleum Australia Pty Ltd | 3.97          |                    |  |
| Basin Oil NL                         | 2.10          |                    |  |
| Bridge Oil Developments Pty Ltd      | 3.99          |                    |  |
| Delhi Petroleum Pty Ltd              | 20.21         |                    |  |
| Novus Australia Resources NL         | 4.75          |                    |  |
| Origin Energy Resources Ltd          | 13.19         |                    |  |
| Reef Oil NL                          | 1.97          |                    |  |
| Santos (BOL) Pty Ltd                 | 0.21          |                    |  |
| Santos Petroleum Pty Ltd             | 0.40          |                    |  |
| Vamgas Pty Ltd                       | 8.51          |                    |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |            |             |  |
|--------------------------------------|------------|-------------|--|
| <b>Accumulation</b>                  |            |             |  |
| Company (Operator*)                  | Equity     | Expiry Date |  |
| <b>PPL115</b> Cooper/Eromanga Basin  | Sq Km: 251 | 02-Nov-2018 |  |
| <i>Three Queens</i>                  |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL116</b> Cooper/Eromanga Basin  | Sq Km: 249 | 02-Nov-2018 |  |
| <i>Santos Ltd*</i>                   |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL117</b> Cooper/Eromanga Basin  | Sq Km: 239 | 02-Nov-2018 |  |
| <i>Wilpinnie</i>                     |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL118</b> Cooper/Eromanga Basin  | Sq Km: 1   | 26-May-2019 |  |
| <i>Kudriek North</i>                 |            |             |  |
| Santos Ltd*                          | 25.60      |             |  |
| Delhi Petroleum Pty Ltd              | 17.14      |             |  |
| Novus Australia Resources NL         | 2.97       |             |  |
| Origin Energy Resources Ltd          | 10.54      |             |  |
| Vamgas Pty Ltd                       | 43.75      |             |  |
| <b>PPL119</b> Cooper/Eromanga Basin  | Sq Km: 7   | 31-Dec-2017 |  |
| <i>Kudriek, Mitchie</i>              |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL120</b> Cooper/Eromanga Basin  | Sq Km: 4   | 31-Dec-2017 |  |
| <i>Lake MacMillan</i>                |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL121</b> Cooper/Eromanga Basin  | Sq Km: 5   | 26-May-2019 |  |
| <i>Tarragon</i>                      |            |             |  |
| Santos Ltd*                          | 25.60      |             |  |
| Delhi Petroleum Pty Ltd              | 17.14      |             |  |
| Novus Australia Resources NL         | 2.97       |             |  |
| Origin Energy Resources Ltd          | 10.54      |             |  |
| Vamgas Pty Ltd                       | 43.75      |             |  |

| Title                                |          |             |  |
|--------------------------------------|----------|-------------|--|
| <b>Accumulation</b>                  |          |             |  |
| Company (Operator*)                  | Equity   | Expiry Date |  |
| <b>PPL122</b> Cooper/Eromanga Basin  | Sq Km: 6 | 23-Sep-2019 |  |
| <i>Tallerangie</i>                   |          |             |  |
| Santos Ltd*                          | 25.60    |             |  |
| Delhi Petroleum Pty Ltd              | 17.14    |             |  |
| Novus Australia Resources NL         | 2.97     |             |  |
| Origin Energy Resources Ltd          | 10.54    |             |  |
| Vamgas Pty Ltd                       | 43.75    |             |  |
| <b>PPL123</b> Cooper/Eromanga Basin  | Sq Km: 5 | 23-Sep-2019 |  |
| <i>Pennie</i>                        |          |             |  |
| Santos Ltd*                          | 25.60    |             |  |
| Delhi Petroleum Pty Ltd              | 17.14    |             |  |
| Novus Australia Resources NL         | 2.97     |             |  |
| Origin Energy Resources Ltd          | 10.54    |             |  |
| Vamgas Pty Ltd                       | 43.75    |             |  |
| <b>PPL124</b> Cooper/Eromanga Basin  | Sq Km: 5 | 31-Dec-2018 |  |
| <i>Bindab</i>                        |          |             |  |
| Santos Ltd*                          | 40.70    |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97     |             |  |
| Basin Oil NL                         | 2.10     |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99     |             |  |
| Delhi Petroleum Pty Ltd              | 20.21    |             |  |
| Novus Australia Resources NL         | 4.75     |             |  |
| Origin Energy Resources Ltd          | 13.19    |             |  |
| Reef Oil NL                          | 1.97     |             |  |
| Santos (BOL) Pty Ltd                 | 0.21     |             |  |
| Santos Petroleum Pty Ltd             | 0.40     |             |  |
| Vamgas Pty Ltd                       | 8.51     |             |  |
| <b>PPL125</b> Cooper/Eromanga Basin  | Sq Km: 9 | 11-Feb-2020 |  |
| <i>Gudi</i>                          |          |             |  |
| Santos Ltd*                          | 25.60    |             |  |
| Delhi Petroleum Pty Ltd              | 17.14    |             |  |
| Novus Australia Resources NL         | 2.97     |             |  |
| Origin Energy Resources Ltd          | 10.54    |             |  |
| Vamgas Pty Ltd                       | 43.75    |             |  |
| <b>PPL126</b> Cooper/Eromanga Basin  | Sq Km: 1 | 21-Feb-2020 |  |
| <i>Daralingie North</i>              |          |             |  |
| Santos Ltd*                          | 40.70    |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97     |             |  |
| Basin Oil NL                         | 2.10     |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99     |             |  |
| Delhi Petroleum Pty Ltd              | 20.21    |             |  |
| Novus Australia Resources NL         | 4.75     |             |  |
| Origin Energy Resources Ltd          | 13.19    |             |  |
| Reef Oil NL                          | 1.97     |             |  |
| Santos (BOL) Pty Ltd                 | 0.21     |             |  |
| Santos Petroleum Pty Ltd             | 0.40     |             |  |
| Vamgas Pty Ltd                       | 8.51     |             |  |
| <b>PPL127</b> Cooper/Eromanga Basin  | Sq Km: 4 | 21-Feb-2020 |  |
| <i>Nulla</i>                         |          |             |  |
| Santos Ltd*                          | 40.70    |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97     |             |  |
| Basin Oil NL                         | 2.10     |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99     |             |  |
| Delhi Petroleum Pty Ltd              | 20.21    |             |  |
| Novus Australia Resources NL         | 4.75     |             |  |
| Origin Energy Resources Ltd          | 13.19    |             |  |
| Reef Oil NL                          | 1.97     |             |  |
| Santos (BOL) Pty Ltd                 | 0.21     |             |  |
| Santos Petroleum Pty Ltd             | 0.40     |             |  |
| Vamgas Pty Ltd                       | 8.51     |             |  |
| <b>PPL128</b> Cooper/Eromanga Basin  | Sq Km: 1 | 21-Feb-2020 |  |
| <i>Garanjanie</i>                    |          |             |  |
| Santos Ltd*                          | 40.70    |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97     |             |  |
| Basin Oil NL                         | 2.10     |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99     |             |  |
| Delhi Petroleum Pty Ltd              | 20.21    |             |  |
| Novus Australia Resources NL         | 4.75     |             |  |
| Origin Energy Resources Ltd          | 13.19    |             |  |
| Reef Oil NL                          | 1.97     |             |  |
| Santos (BOL) Pty Ltd                 | 0.21     |             |  |
| Santos Petroleum Pty Ltd             | 0.40     |             |  |
| Vamgas Pty Ltd                       | 8.51     |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |           |             |  |
|--------------------------------------|-----------|-------------|--|
| <b>Accumulation</b>                  |           |             |  |
| Company (Operator*)                  | Equity    | Expiry Date |  |
| <b>PPL129</b> Cooper/Eromanga Basin  | Sq Km: 1  | 20-Apr-2020 |  |
| <i>Thurakinna</i>                    |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL130</b> Cooper/Eromanga Basin  | Sq Km: 1  | 20-Apr-2020 |  |
| <i>Thurakinna</i>                    |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL131</b> Cooper/Eromanga Basin  | Sq Km: 40 | 20-Apr-2020 |  |
| <i>Coonatie</i>                      |           |             |  |
| Santos Ltd*                          | 25.60     |             |  |
| Delhi Petroleum Pty Ltd              | 17.14     |             |  |
| Novus Australia Resources NL         | 2.97      |             |  |
| Origin Energy Resources Ltd          | 10.54     |             |  |
| Vamgas Pty Ltd                       | 43.75     |             |  |
| <b>PPL132</b> Cooper/Eromanga Basin  | Sq Km: 1  | 31-Dec-2019 |  |
| <i>Packsaddle, Pondrinie</i>         |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL133</b> Cooper/Eromanga Basin  | Sq Km: 1  | 31-Dec-2019 |  |
| <i>Packsaddle, Pondrinie</i>         |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL134</b> Cooper/Eromanga Basin  | Sq Km: 1  | 31-Dec-2019 |  |
| <i>Packsaddle, Pondrinie</i>         |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |

| Title                                |            |             |  |
|--------------------------------------|------------|-------------|--|
| <b>Accumulation</b>                  |            |             |  |
| Company (Operator*)                  | Equity     | Expiry Date |  |
| <b>PPL135</b> Cooper/Eromanga Basin  | Sq Km: 11  | 31-Dec-2019 |  |
| <i>Goyder</i>                        |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL136</b> Cooper/Eromanga Basin  | Sq Km: 33  | 17-Jun-2020 |  |
| <i>Cuttapirrie</i>                   |            |             |  |
| Santos Ltd*                          | 25.60      |             |  |
| Delhi Petroleum Pty Ltd              | 17.14      |             |  |
| Novus Australia Resources NL         | 2.97       |             |  |
| Origin Energy Resources Ltd          | 10.54      |             |  |
| Vamgas Pty Ltd                       | 43.75      |             |  |
| <b>PPL137</b> Cooper/Eromanga Basin  | Sq Km: 7   | 25-May-2020 |  |
| <i>Moonanga</i>                      |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL138</b> Cooper/Eromanga Basin  | Sq Km: 25  | 10-Aug-2020 |  |
| <i>Cabernet</i>                      |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL139</b> Cooper/Eromanga Basin  | Sq Km: 16  | 31-Dec-2019 |  |
| <i>Milluna</i>                       |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL140</b> Cooper/Eromanga Basin  | Sq Km: 162 | 31-Dec-2019 |  |
| <i>Nephrite South</i>                |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |            |             |  |
|--------------------------------------|------------|-------------|--|
| <b>Accumulation</b>                  |            |             |  |
| Company (Operator*)                  | Equity     | Expiry Date |  |
| <b>PPL141</b> Cooper/Eromanga Basin  | Sq Km: 125 | 31-Dec-2019 |  |
| <i>Beckler</i>                       |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL142</b> Cooper/Eromanga Basin  | Sq Km: 28  | 10-Aug-2020 |  |
| <i>Moolion</i>                       |            |             |  |
| Santos Ltd*                          | 25.60      |             |  |
| Delhi Petroleum Pty Ltd              | 17.14      |             |  |
| Novus Australia Resources NL         | 2.97       |             |  |
| Origin Energy Resources Ltd          | 10.54      |             |  |
| Vamgas Pty Ltd                       | 43.75      |             |  |
| <b>PPL143</b> Cooper/Eromanga Basin  | Sq Km: 93  | 31-Dec-2019 |  |
| <i>Dorudilo</i>                      |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL144</b> Cooper/Eromanga Basin  | Sq Km: 7   | 10-Aug-2020 |  |
| <i>Keena</i>                         |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL145</b> Cooper/Eromanga Basin  | Sq Km: 18  | 10-Aug-2020 |  |
| <i>Koree, Koree South</i>            |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL146</b> Cooper/Eromanga Basin  | Sq Km: 10  | 31-Dec-2019 |  |
| <i>Balaminga</i>                     |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL147</b> Cooper/Eromanga Basin  | Sq Km: 3   | 10-Aug-2020 |  |
| <i>Balaminga</i>                     |            |             |  |
| Santos Ltd*                          | 25.60      |             |  |
| Delhi Petroleum Pty Ltd              | 17.14      |             |  |
| Novus Australia Resources NL         | 2.97       |             |  |
| Origin Energy Resources Ltd          | 10.54      |             |  |
| Vamgas Pty Ltd                       | 43.75      |             |  |

| Title                                |           |             |  |
|--------------------------------------|-----------|-------------|--|
| <b>Accumulation</b>                  |           |             |  |
| Company (Operator*)                  | Equity    | Expiry Date |  |
| <b>PPL148</b> Cooper/Eromanga Basin  | Sq Km: 8  | 10-Aug-2020 |  |
| <i>Welome Lake East</i>              |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL149</b> Cooper/Eromanga Basin  | Sq Km: 33 | 31-Dec-2019 |  |
| <i>Jalba West</i>                    |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL150</b> Cooper/Eromanga Basin  | Sq Km: 22 | 10-Aug-2020 |  |
| <i>Raven</i>                         |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL151</b> Cooper/Eromanga Basin  | Sq Km: 66 | 31-Dec-2019 |  |
| <i>Napowie</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL152</b> Cooper/Eromanga Basin  | Sq Km: 4  | 10-Aug-2020 |  |
| <i>Napowie</i>                       |           |             |  |
| Santos Ltd*                          | 25.60     |             |  |
| Delhi Petroleum Pty Ltd              | 17.14     |             |  |
| Novus Australia Resources NL         | 2.97      |             |  |
| Origin Energy Resources Ltd          | 10.54     |             |  |
| Vamgas Pty Ltd                       | 43.75     |             |  |
| <b>PPL153</b> Cooper/Eromanga Basin  | Sq Km: 43 | 31-Dec-2019 |  |
| <i>Shiraz</i>                        |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |           |             |  |
|--------------------------------------|-----------|-------------|--|
| <b>Accumulation</b>                  |           |             |  |
| Company (Operator*)                  | Equity    | Expiry Date |  |
| <b>PPL154</b> Cooper/Eromanga Basin  | Sq Km: 4  | 31-Dec-2019 |  |
| <i>Ficus</i>                         |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL155</b> Cooper/Eromanga Basin  | Sq Km: 9  | 10-Aug-2020 |  |
| <i>Bungee</i>                        |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL156</b> Cooper/Eromanga Basin  | Sq Km: 35 | 10-Aug-2020 |  |
| <i>Beanbush</i>                      |           |             |  |
| Santos Ltd*                          | 25.60     |             |  |
| Delhi Petroleum Pty Ltd              | 17.14     |             |  |
| Novus Australia Resources NL         | 2.97      |             |  |
| Origin Energy Resources Ltd          | 10.54     |             |  |
| Vamgas Pty Ltd                       | 43.75     |             |  |
| <b>PPL157</b> Cooper/Eromanga Basin  | Sq Km: 3  | 10-Aug-2020 |  |
| <i>Muscat</i>                        |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL158</b> Cooper/Eromanga Basin  | Sq Km: 67 | 08-Aug-2020 |  |
| <i>Verona</i>                        |           |             |  |
| Santos Ltd*                          | 25.60     |             |  |
| Delhi Petroleum Pty Ltd              | 17.14     |             |  |
| Novus Australia Resources NL         | 2.97      |             |  |
| Origin Energy Resources Ltd          | 10.54     |             |  |
| Vamgas Pty Ltd                       | 43.75     |             |  |
| <b>PPL159</b> Cooper/Eromanga Basin  | Sq Km: 4  | 22-Jul-2020 |  |
| <i>Touriga</i>                       |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL160</b> Cooper/Eromanga Basin  | Sq Km: 3  | 22-Jul-2020 |  |
| <i>Mica</i>                          |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |

| Title                                |          |             |  |
|--------------------------------------|----------|-------------|--|
| <b>Accumulation</b>                  |          |             |  |
| Company (Operator*)                  | Equity   | Expiry Date |  |
| <b>PPL161</b> Cooper/Eromanga Basin  | Sq Km: 7 | 08-Aug-2020 |  |
| <i>Malgoona</i>                      |          |             |  |
| Santos Ltd*                          | 40.70    |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97     |             |  |
| Basin Oil NL                         | 2.10     |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99     |             |  |
| Delhi Petroleum Pty Ltd              | 20.21    |             |  |
| Novus Australia Resources NL         | 4.75     |             |  |
| Origin Energy Resources Ltd          | 13.19    |             |  |
| Reef Oil NL                          | 1.97     |             |  |
| Santos (BOL) Pty Ltd                 | 0.21     |             |  |
| Santos Petroleum Pty Ltd             | 0.40     |             |  |
| Vamgas Pty Ltd                       | 8.51     |             |  |
| <b>PPL162</b> Cooper/Eromanga Basin  | Sq Km: 3 | 08-Aug-2020 |  |
| <i>Sturt</i>                         |          |             |  |
| Santos Ltd*                          | 40.70    |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97     |             |  |
| Basin Oil NL                         | 2.10     |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99     |             |  |
| Delhi Petroleum Pty Ltd              | 20.21    |             |  |
| Novus Australia Resources NL         | 4.75     |             |  |
| Origin Energy Resources Ltd          | 13.19    |             |  |
| Reef Oil NL                          | 1.97     |             |  |
| Santos (BOL) Pty Ltd                 | 0.21     |             |  |
| Santos Petroleum Pty Ltd             | 0.40     |             |  |
| Vamgas Pty Ltd                       | 8.51     |             |  |
| <b>PPL163</b> Cooper/Eromanga Basin  | Sq Km: 1 | 31-Dec-2019 |  |
| <i>Brumby</i>                        |          |             |  |
| Santos Ltd*                          | 40.70    |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97     |             |  |
| Basin Oil NL                         | 2.10     |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99     |             |  |
| Delhi Petroleum Pty Ltd              | 20.21    |             |  |
| Novus Australia Resources NL         | 4.75     |             |  |
| Origin Energy Resources Ltd          | 13.19    |             |  |
| Reef Oil NL                          | 1.97     |             |  |
| Santos (BOL) Pty Ltd                 | 0.21     |             |  |
| Santos Petroleum Pty Ltd             | 0.40     |             |  |
| Vamgas Pty Ltd                       | 8.51     |             |  |
| <b>PPL164</b> Cooper/Eromanga Basin  | Sq Km: 3 | 31-Dec-2019 |  |
| <i>Packsaddle</i>                    |          |             |  |
| Santos Ltd*                          | 40.70    |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97     |             |  |
| Basin Oil NL                         | 2.10     |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99     |             |  |
| Delhi Petroleum Pty Ltd              | 20.21    |             |  |
| Novus Australia Resources NL         | 4.75     |             |  |
| Origin Energy Resources Ltd          | 13.19    |             |  |
| Reef Oil NL                          | 1.97     |             |  |
| Santos (BOL) Pty Ltd                 | 0.21     |             |  |
| Santos Petroleum Pty Ltd             | 0.40     |             |  |
| Vamgas Pty Ltd                       | 8.51     |             |  |
| <b>PPL165</b> Cooper/Eromanga Basin  | Sq Km: 4 | 26-Aug-2020 |  |
| <i>Malgoona</i>                      |          |             |  |
| Santos Ltd*                          | 40.70    |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97     |             |  |
| Basin Oil NL                         | 2.10     |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99     |             |  |
| Delhi Petroleum Pty Ltd              | 20.21    |             |  |
| Novus Australia Resources NL         | 4.75     |             |  |
| Origin Energy Resources Ltd          | 13.19    |             |  |
| Reef Oil NL                          | 1.97     |             |  |
| Santos (BOL) Pty Ltd                 | 0.21     |             |  |
| Santos Petroleum Pty Ltd             | 0.40     |             |  |
| Vamgas Pty Ltd                       | 8.51     |             |  |
| <b>PPL166</b> Cooper/Eromanga Basin  | Sq Km: 1 | 31-Dec-2019 |  |
| <i>Taylor South</i>                  |          |             |  |
| Santos Ltd*                          | 40.70    |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97     |             |  |
| Basin Oil NL                         | 2.10     |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99     |             |  |
| Delhi Petroleum Pty Ltd              | 20.21    |             |  |
| Novus Australia Resources NL         | 4.75     |             |  |
| Origin Energy Resources Ltd          | 13.19    |             |  |
| Reef Oil NL                          | 1.97     |             |  |
| Santos (BOL) Pty Ltd                 | 0.21     |             |  |
| Santos Petroleum Pty Ltd             | 0.40     |             |  |
| Vamgas Pty Ltd                       | 8.51     |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |            |             |  |
|--------------------------------------|------------|-------------|--|
| <b>Accumulation</b>                  |            |             |  |
| Company (Operator*)                  | Equity     | Expiry Date |  |
| <b>PPL167</b> Cooper/Eromanga Basin  | Sq Km: 7   | 02-Sep-2020 |  |
| <i>Mooloon</i>                       |            |             |  |
| Santos Ltd*                          | 25.60      |             |  |
| Delhi Petroleum Pty Ltd              | 17.14      |             |  |
| Novus Australia Resources NL         | 2.97       |             |  |
| Origin Energy Resources Ltd          | 10.54      |             |  |
| Vamgas Pty Ltd                       | 43.75      |             |  |
| <b>PPL168</b> Otway Basin            | Sq Km: 9   | 25-Jun-2020 |  |
| <i>Redman</i>                        |            |             |  |
| Origin Energy Resources Ltd*         | 20.00      |             |  |
| Omega Oil NL                         | 24.29      |             |  |
| Sagasco South East Inc.              | 55.71      |             |  |
| <b>PPL170</b> Cooper/Eromanga Basin  | Sq Km: 10  |             |  |
| <i>Andree/Leleptian, Reglet</i>      |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL171</b> Cooper/Eromanga Basin  | Sq Km: 24  |             |  |
| <i>Atreides</i>                      |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL172</b> Cooper/Eromanga Basin  | Sq Km: 127 |             |  |
| <i>Yalcumma</i>                      |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL173</b> Cooper/Eromanga Basin  | Sq Km: 135 |             |  |
| <i>Boongala, Kerna Ridge</i>         |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL174</b> Cooper/Eromanga Basin  | Sq Km: 13  |             |  |
| <i>Cactus, Deperanie</i>             |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |

| Title                                |           |             |  |
|--------------------------------------|-----------|-------------|--|
| <b>Accumulation</b>                  |           |             |  |
| Company (Operator*)                  | Equity    | Expiry Date |  |
| <b>PPL175</b> Cooper/Eromanga Basin  | Sq Km: 46 |             |  |
| <i>Caladan North</i>                 |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL176</b> Cooper/Eromanga Basin  | Sq Km: 8  |             |  |
| <i>Callabonna</i>                    |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL177</b> Cooper/Eromanga Basin  | Sq Km: 12 |             |  |
| <i>Charo</i>                         |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL178</b> Cooper/Eromanga Basin  | Sq Km: 9  |             |  |
| <i>Davren North</i>                  |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL179</b> Cooper/Eromanga Basin  | Sq Km: 6  |             |  |
| <i>Fortanna</i>                      |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |
| <b>PPL180</b> Cooper/Eromanga Basin  | Sq Km: 4  |             |  |
| <i>Gooranie East</i>                 |           |             |  |
| Santos Ltd*                          | 40.70     |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |  |
| Basin Oil NL                         | 2.10      |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |  |
| Delhi Petroleum Pty Ltd              | 20.21     |             |  |
| Novus Australia Resources NL         | 4.75      |             |  |
| Origin Energy Resources Ltd          | 13.19     |             |  |
| Reef Oil NL                          | 1.97      |             |  |
| Santos (BOL) Pty Ltd                 | 0.21      |             |  |
| Santos Petroleum Pty Ltd             | 0.40      |             |  |
| Vamgas Pty Ltd                       | 8.51      |             |  |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |           |             |
|--------------------------------------|-----------|-------------|
| <b>Accumulation</b>                  |           |             |
| Company (Operator*)                  | Equity    | Expiry Date |
| <b>PPL181</b> Cooper/Eromanga Basin  | Sq Km: 18 |             |
| <i>Grenade</i>                       |           |             |
| Santos Ltd*                          | 40.70     |             |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |
| Basin Oil NL                         | 2.10      |             |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |
| Delhi Petroleum Pty Ltd              | 20.21     |             |
| Novus Australia Resources NL         | 4.75      |             |
| Origin Energy Resources Ltd          | 13.19     |             |
| Reef Oil NL                          | 1.97      |             |
| Santos (BOL) Pty Ltd                 | 0.21      |             |
| Santos Petroleum Pty Ltd             | 0.40      |             |
| Vamgas Pty Ltd                       | 8.51      |             |
| <b>PPL182</b> Cooper/Eromanga Basin  | Sq Km: 3  |             |
| <i>James</i>                         |           |             |
| Santos Ltd*                          | 25.70     |             |
| Delhi Petroleum Pty Ltd              | 17.10     |             |
| Novus Australia Resources NL         | 3.00      |             |
| Origin Energy Resources Ltd          | 10.50     |             |
| Vamgas Pty Ltd                       | 43.70     |             |
| <b>PPL183</b> Cooper/Eromanga Basin  | Sq Km: 15 |             |
| <i>Kanawana</i>                      |           |             |
| Santos Ltd*                          | 40.70     |             |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |
| Basin Oil NL                         | 2.10      |             |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |
| Delhi Petroleum Pty Ltd              | 20.21     |             |
| Novus Australia Resources NL         | 4.75      |             |
| Origin Energy Resources Ltd          | 13.19     |             |
| Reef Oil NL                          | 1.97      |             |
| Santos (BOL) Pty Ltd                 | 0.21      |             |
| Santos Petroleum Pty Ltd             | 0.40      |             |
| Vamgas Pty Ltd                       | 8.51      |             |
| <b>PPL184</b> Cooper/Eromanga Basin  | Sq Km: 2  |             |
| <i>Kerinna</i>                       |           |             |
| Santos Ltd*                          | 40.70     |             |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |
| Basin Oil NL                         | 2.10      |             |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |
| Delhi Petroleum Pty Ltd              | 20.21     |             |
| Novus Australia Resources NL         | 4.75      |             |
| Origin Energy Resources Ltd          | 13.19     |             |
| Reef Oil NL                          | 1.97      |             |
| Santos (BOL) Pty Ltd                 | 0.21      |             |
| Santos Petroleum Pty Ltd             | 0.40      |             |
| Vamgas Pty Ltd                       | 8.51      |             |
| <b>PPL185</b> Cooper/Eromanga Basin  | Sq Km: 34 |             |
| <i>Kirralie</i>                      |           |             |
| Santos Ltd*                          | 40.70     |             |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |
| Basin Oil NL                         | 2.10      |             |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |
| Delhi Petroleum Pty Ltd              | 20.21     |             |
| Novus Australia Resources NL         | 4.75      |             |
| Origin Energy Resources Ltd          | 13.19     |             |
| Reef Oil NL                          | 1.97      |             |
| Santos (BOL) Pty Ltd                 | 0.21      |             |
| Santos Petroleum Pty Ltd             | 0.40      |             |
| Vamgas Pty Ltd                       | 8.51      |             |
| <b>PPL186</b> Cooper/Eromanga Basin  | Sq Km: 21 |             |
| <i>Kobari</i>                        |           |             |
| Santos Ltd*                          | 40.70     |             |
| Alliance Petroleum Australia Pty Ltd | 3.97      |             |
| Basin Oil NL                         | 2.10      |             |
| Bridge Oil Developments Pty Ltd      | 3.99      |             |
| Delhi Petroleum Pty Ltd              | 20.21     |             |
| Novus Australia Resources NL         | 4.75      |             |
| Origin Energy Resources Ltd          | 13.19     |             |
| Reef Oil NL                          | 1.97      |             |
| Santos (BOL) Pty Ltd                 | 0.21      |             |
| Santos Petroleum Pty Ltd             | 0.40      |             |
| Vamgas Pty Ltd                       | 8.51      |             |
| <b>PPL187</b> Cooper/Eromanga Basin  | Sq Km: 17 |             |
| <i>Lamdina</i>                       |           |             |
| Santos Ltd*                          | 25.70     |             |
| Delhi Petroleum Pty Ltd              | 17.10     |             |
| Novus Australia Resources NL         | 3.00      |             |
| Origin Energy Resources Ltd          | 10.50     |             |
| Vamgas Pty Ltd                       | 43.70     |             |

| Title                                |            |             |
|--------------------------------------|------------|-------------|
| <b>Accumulation</b>                  |            |             |
| Company (Operator*)                  | Equity     | Expiry Date |
| <b>PPL188</b> Cooper/Eromanga Basin  | Sq Km: 16  |             |
| <i>McKinlay</i>                      |            |             |
| Santos Ltd*                          | 40.70      |             |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |
| Basin Oil NL                         | 2.10       |             |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |
| Delhi Petroleum Pty Ltd              | 20.21      |             |
| Novus Australia Resources NL         | 4.75       |             |
| Origin Energy Resources Ltd          | 13.19      |             |
| Reef Oil NL                          | 1.97       |             |
| Santos (BOL) Pty Ltd                 | 0.21       |             |
| Santos Petroleum Pty Ltd             | 0.40       |             |
| Vamgas Pty Ltd                       | 8.51       |             |
| <b>PPL189</b> Cooper/Eromanga Basin  | Sq Km: 260 |             |
| <i>Allunga, Banbaus</i>              |            |             |
| Santos Ltd*                          | 40.70      |             |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |
| Basin Oil NL                         | 2.10       |             |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |
| Delhi Petroleum Pty Ltd              | 20.21      |             |
| Novus Australia Resources NL         | 4.75       |             |
| Origin Energy Resources Ltd          | 13.19      |             |
| Reef Oil NL                          | 1.97       |             |
| Santos (BOL) Pty Ltd                 | 0.21       |             |
| Santos Petroleum Pty Ltd             | 0.40       |             |
| Vamgas Pty Ltd                       | 8.51       |             |
| <b>PPL190</b> Cooper/Eromanga Basin  | Sq Km: 232 |             |
| <i>Big Lake, Boobook, Merlot</i>     |            |             |
| Santos Ltd*                          | 40.70      |             |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |
| Basin Oil NL                         | 2.10       |             |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |
| Delhi Petroleum Pty Ltd              | 20.21      |             |
| Novus Australia Resources NL         | 4.75       |             |
| Origin Energy Resources Ltd          | 13.19      |             |
| Reef Oil NL                          | 1.97       |             |
| Santos (BOL) Pty Ltd                 | 0.21       |             |
| Santos Petroleum Pty Ltd             | 0.40       |             |
| Vamgas Pty Ltd                       | 8.51       |             |
| <b>PPL191</b> Cooper/Eromanga Basin  | Sq Km: 10  |             |
| <i>Moondie</i>                       |            |             |
| Santos Ltd*                          | 25.70      |             |
| Delhi Petroleum Pty Ltd              | 17.10      |             |
| Novus Australia Resources NL         | 3.00       |             |
| Origin Energy Resources Ltd          | 10.50      |             |
| Vamgas Pty Ltd                       | 43.70      |             |
| <b>PPL192</b> Cooper/Eromanga Basin  | Sq Km: 23  |             |
| <i>Haloragis, Pirraminta</i>         |            |             |
| Santos Ltd*                          | 40.70      |             |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |
| Basin Oil NL                         | 2.10       |             |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |
| Delhi Petroleum Pty Ltd              | 20.21      |             |
| Novus Australia Resources NL         | 4.75       |             |
| Origin Energy Resources Ltd          | 13.19      |             |
| Reef Oil NL                          | 1.97       |             |
| Santos (BOL) Pty Ltd                 | 0.21       |             |
| Santos Petroleum Pty Ltd             | 0.40       |             |
| Vamgas Pty Ltd                       | 8.51       |             |
| <b>PPL193</b> Cooper/Eromanga Basin  | Sq Km: 10  |             |
| <i>Quartpot</i>                      |            |             |
| Santos Ltd*                          | 40.70      |             |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |
| Basin Oil NL                         | 2.10       |             |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |
| Delhi Petroleum Pty Ltd              | 20.21      |             |
| Novus Australia Resources NL         | 4.75       |             |
| Origin Energy Resources Ltd          | 13.19      |             |
| Reef Oil NL                          | 1.97       |             |
| Santos (BOL) Pty Ltd                 | 0.21       |             |
| Santos Petroleum Pty Ltd             | 0.40       |             |
| Vamgas Pty Ltd                       | 8.51       |             |
| <b>PPL194</b> Cooper/Eromanga Basin  | Sq Km: 6   |             |
| <i>Reg Sprigg</i>                    |            |             |
| Santos Ltd*                          | 25.70      |             |
| Delhi Petroleum Pty Ltd              | 17.10      |             |
| Novus Australia Resources NL         | 3.00       |             |
| Origin Energy Resources Ltd          | 10.50      |             |
| Vamgas Pty Ltd                       | 43.70      |             |

# KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                |            |             |  |
|--------------------------------------|------------|-------------|--|
| <b>Accumulation</b>                  |            |             |  |
| Company (Operator*)                  | Equity     | Expiry Date |  |
| <b>PPL195</b> Cooper/Eromanga Basin  | Sq Km: 8   |             |  |
| <i>Scrubby Creek</i>                 |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL196</b> Cooper/Eromanga Basin  | Sq Km: 111 |             |  |
| <i>Moorari, Tirrawarra, Woolkina</i> |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL197</b> Cooper/Eromanga Basin  | Sq Km: 3   |             |  |
| <i>Moorari, Tirrawarra, Woolkina</i> |            |             |  |
| Santos Ltd*                          | 25.70      |             |  |
| Delhi Petroleum Pty Ltd              | 17.10      |             |  |
| Novus Australia Resources NL         | 3.00       |             |  |
| Origin Energy Resources Ltd          | 10.50      |             |  |
| Vamgas Pty Ltd                       | 43.70      |             |  |
| <b>PPL198</b> Cooper/Eromanga Basin  | Sq Km: 25  |             |  |
| <i>Wilpinnie</i>                     |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |
| <b>PPL199</b> Cooper/Eromanga Basin  | Sq Km: 13  |             |  |
| <i>Wooloo</i>                        |            |             |  |
| Santos Ltd*                          | 40.70      |             |  |
| Alliance Petroleum Australia Pty Ltd | 3.97       |             |  |
| Basin Oil NL                         | 2.10       |             |  |
| Bridge Oil Developments Pty Ltd      | 3.99       |             |  |
| Delhi Petroleum Pty Ltd              | 20.21      |             |  |
| Novus Australia Resources NL         | 4.75       |             |  |
| Origin Energy Resources Ltd          | 13.19      |             |  |
| Reef Oil NL                          | 1.97       |             |  |
| Santos (BOL) Pty Ltd                 | 0.21       |             |  |
| Santos Petroleum Pty Ltd             | 0.40       |             |  |
| Vamgas Pty Ltd                       | 8.51       |             |  |

## Offshore

### Exploration Permit

#### Legislation Group: PSLA

Sq km approximate

|   |             |               |             |
|---|-------------|---------------|-------------|
| <b>EPP24</b> Otway Basin                  | Blocks: 31  | Sq Km: 1 935  | 29-May-2003 |
| <i>Crayfish, Traas</i>                    |             |               |             |
| Otway Resources Pty Ltd*                  |             | 100.00        |             |
| <b>EPP27</b> Otway Basin                  | Blocks: 67  | Sq Km: 3 962  | 24-Feb-2006 |
| Woodside Energy Ltd*                      |             | 90.00         |             |
| Great Artesian Oil & Gas Ltd              |             | 10.00         |             |
| <b>EPP28</b> Great Australian Bight Basin | Blocks: 225 | Sq Km: 15 896 | 11-Jul-2006 |
| Woodside Energy Ltd*                      |             | 40.00         |             |
| Anadarko Australia Company Pty Ltd        |             | 30.00         |             |
| EnCana Corporation                        |             | 30.00         |             |
| <b>EPP29</b> Great Australian Bight Basin | Blocks: 268 | Sq Km: 18 763 | 11-Jul-2006 |
| Woodside Energy Ltd*                      |             | 40.00         |             |
| Anadarko Australia Company Pty Ltd        |             | 30.00         |             |
| EnCana Corporation                        |             | 30.00         |             |
| <b>EPP30</b> Great Australian Bight Basin | Blocks: 318 | Sq Km: 22 225 | 11-Jul-2006 |
| Woodside Energy Ltd*                      |             | 40.00         |             |
| Anadarko Australia Company Pty Ltd        |             | 30.00         |             |
| EnCana Corporation                        |             | 30.00         |             |

| Title                                     |            |             |             |
|---|------------|-------------|-------------|
| <b>Accumulation</b>                       |            |             |             |
| Company (Operator*)                       | Equity     | Expiry Date |             |
| <b>EPP31</b> Great Australian Bight Basin | Blocks: 80 |             | 26-Jun-2008 |
| Woodside Energy Ltd*                      | 40.00      |             |             |
| Anadarko Australia Company Pty Ltd        | 30.00      |             |             |
| EnCana Corporation                        | 30.00      |             |             |
| <b>EPP32</b> Great Australian Bight Basin | Blocks: 76 |             | 12-Dec-2008 |
| Santos Offshore Pty Ltd*                  | 100.00     |             |             |

## Western Australia

### Onshore

#### Exploration Permit

#### Legislation Group: Territorial

Sq km approximate

|  |            |              |                 |
|--|------------|--------------|-----------------|
| <b>EP 23 R6</b> Perth Basin                | Blocks: 9  | Sq Km: 697   | 09-Jun-2007     |
| Ausam Resources NL*                        |            | 100.00       |                 |
| <b>EP 36 R3</b> Browse Basin               | Blocks: 1  | Sq Km: 83    | 26-Feb-2003     |
| Woodside Energy Ltd*                       |            |              |                 |
| BHP Petroleum (North West Shelf) Pty Ltd   |            |              |                 |
| BP Developments Australia Pty Ltd          |            |              |                 |
| Chevron Texaco Aust Ltd                    |            |              |                 |
| Shell Development (Australia) Pty Ltd      |            |              |                 |
| Shell Development (Australia) Pty Ltd      |            |              |                 |
| <b>EP 41 R5</b> Carnarvon Basin            | Blocks: 9  | Sq Km: 697   | 27-Aug-2002     |
| Lansvale Oil and Gas Pty Ltd*              |            |              |                 |
| Pace Petroleum Pty Ltd                     |            |              |                 |
| Rough Range Oil Pty Ltd                    |            |              |                 |
| <b>EP 61 R6</b> Carnarvon Basin            | Blocks: 4  | Sq Km: 310   | 11-Dec-2007     |
| Chevron Texaco Aust Ltd*                   |            |              |                 |
| Apache Northwest Pty Ltd                   |            |              |                 |
| Kufpee Australia Pty Ltd                   |            |              |                 |
| Mobil Australia Resources Company Pty Ltd  |            |              |                 |
| Santos Offshore Pty Ltd                    |            |              |                 |
| Tap (Harriet) Pty Ltd                      |            |              |                 |
| Texaco Australia Pty Ltd                   |            |              |                 |
| <b>EP 62 R6</b> Carnarvon Basin            | Blocks: 1  | Sq Km: 77    | 11-Sep-2002     |
| Chevron Texaco Aust Ltd*                   |            |              |                 |
| Mobil Australia Resources Company Pty Ltd  |            |              |                 |
| Santos Offshore Pty Ltd                    |            |              |                 |
| Texaco Australia Pty Ltd                   |            |              |                 |
| <b>EP 104 R4</b> Canning Basin             | Blocks: 12 | Sq Km: 996   | 09-Nov-2004     |
|  |            |              | Renewal Pending |
| Gulliver Productions Pty Ltd*              |            |              |                 |
| Chimelle Petroleum Ltd                     |            |              |                 |
| First Australian Resources NL              |            |              |                 |
| Indigo Oil Pty Ltd                         |            |              |                 |
| <b>EP 110 R4</b> Carnarvon Basin           | Blocks: 9  | Sq Km: 691   | 23-Jan-2005     |
| Carnarvon Petroleum NL*                    |            |              |                 |
| Euro Pacific Energy Pty Ltd                |            |              |                 |
| Hardman Oil and Gas Pty Ltd                |            |              |                 |
| Pan Pacific Petroleum (South Aust) Pty Ltd |            |              |                 |
| <b>EP 129 R4</b> Canning Basin             | Blocks: 9  | Sq Km: 735   | 08-Jul-2006     |
| Terratek Drilling Tools Pty Ltd*           |            |              |                 |
| <b>EP 137 R4</b> Carnarvon Basin           | Blocks: 9  | Sq Km: 1 360 | 22-May-2005     |
|  |            |              | Renewal Pending |
| TAP (SHELFAL) Pty Ltd*                     |            |              |                 |
| JED North West Shelf Pty Ltd               |            |              |                 |
| <b>EP 307 R3</b> Carnarvon Basin           | Blocks: 4  | Sq Km: 161   | 17-Sep-2005     |
| Apache Northwest Pty Ltd*                  |            |              |                 |
| Apache Harriet Pty Ltd                     |            |              |                 |
| Apache Lowendal Pty Ltd                    |            |              |                 |
| Apache Miladin Pty Ltd                     |            |              |                 |
| Apache Nasmah Pty Ltd                      |            |              |                 |
| Kufpee Australia Pty Ltd                   |            |              |                 |
| Tap (Harriet) Pty Ltd                      |            |              |                 |
| <b>EP 320 R3</b> Perth Basin               | Blocks: 16 | Sq Km: 1 316 | 23-Jul-2007     |
| Origin Energy Developments Pty Ltd*        |            |              |                 |
| AWE (Perth Basin) Ltd                      |            |              |                 |
| <b>EP 321 R2</b> Perth Basin               | Blocks: 26 | Sq Km: 1 755 | 01-Jul-2003     |
| Ausam Resources NL*                        |            |              |                 |
| Capital Consultant Services Pty Ltd        |            |              |                 |
| Geary, John Kevin                          |            |              |                 |
| Hardman Oil and Gas Pty Ltd                |            |              |                 |
| Origin Energy Developments Pty Ltd         |            |              |                 |
| Vic Petroleum                              |            |              |                 |
| Victoria Petroleum Offshore P/L            |            |              |                 |
| <b>EP 357 R2</b> Carnarvon Basin           | Blocks: 3  |              | 29-Apr-2007     |
| Chevron Texaco Aust Ltd*                   |            |              |                 |
| Chevron Texaco Aust Ltd*                   |            |              |                 |
| Mobil Australia Resources Company Pty Ltd  |            |              |                 |
| Mobil Australia Resources Company Pty Ltd  |            |              |                 |
| Santos Offshore Pty Ltd                    |            |              |                 |
| Santos Offshore Pty Ltd                    |            |              |                 |
| Texaco Australia Pty Ltd                   |            |              |                 |
| Texaco Australia Pty Ltd                   |            |              |                 |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title  |                 |             |               |             |
|--|-----------------|-------------|---------------|-------------|
| <b>Accumulation</b>                                |                 |             |               |             |
| Company (Operator*)                                |                 | Equity      | Expiry Date   |             |
| <b>EP 358 R1</b>                                   | Carnarvon Basin | Blocks: 5   | Sq Km: 387    | 14-Nov-2004 |
| Apache Northwest Pty Ltd*                          |                 |             |               |             |
| Apache Harriet Pty Ltd                             |                 |             |               |             |
| Apache Lowendal Pty Ltd                            |                 |             |               |             |
| Apache Miladin Pty Ltd                             |                 |             |               |             |
| Apache Nasmah Pty Ltd                              |                 |             |               |             |
| <b>EP 359 R1</b>                                   | Carnarvon Basin | Blocks: 21  | Sq Km: 1 626  | 06-Apr-2004 |
| Lansvale Oil and Gas Pty Ltd*                      |                 |             |               |             |
| Pace Petroleum Pty Ltd                             |                 |             |               |             |
| Rough Range Oil Pty Ltd                            |                 |             |               |             |
| Sun Resources NL                                   |                 |             |               |             |
| <b>EP 363 R2</b>                                   | Carnarvon Basin | Blocks: 4   | Sq Km: 310    | 11-Aug-2007 |
| Apache Northwest Pty Ltd*                          |                 |             |               |             |
| Kufpee Australia Pty Ltd                           |                 |             |               |             |
| Tap (Harriet) Pty Ltd                              |                 |             |               |             |
| <b>EP 364 R1</b>                                   | Carnarvon Basin | Blocks: 1   | Sq Km: 77     | 14-Nov-2004 |
| TAP (SHELFAL) PTY LTD*                             |                 |             |               |             |
| Westranch Holdings Pty Ltd                         |                 |             |               |             |
| <b>EP 366 R1</b>                                   | Canning Basin   | Blocks: 49  | Sq Km: 3 981  | 04-May-2005 |
| Kimberley Oil NL*                                  |                 |             |               |             |
| <b>EP 368 R2</b>                                   | Perth Basin     | Blocks: 8   | Sq Km: 619    | 10-Nov-2007 |
| Renewal Pending                                    |                 |             |               |             |
| AWE Petroleum Ltd*                                 |                 |             |               |             |
| Chimelle Petroleum Ltd                             |                 |             |               |             |
| Hardman Oil and Gas Pty Ltd                        |                 |             |               |             |
| Origin Energy Developments Pty Ltd                 |                 |             |               |             |
| <b>EP 369 R1</b>                                   | Carnarvon Basin | Blocks: 31  | Sq Km: 2 400  | 12-Oct-2003 |
| Euro Pacific Energy Pty Ltd*                       |                 |             |               |             |
| Vigilant Oil Pty Ltd                               |                 |             |               |             |
| <b>EP 371 R1</b>                                   | Canning Basin   | Blocks: 45  | Sq Km: 3 675  | 04-May-2005 |
| Kimberley Oil NL*                                  |                 |             |               |             |
| <b>EP 373 R1</b>                                   | Canning Basin   | Blocks: 60  | Sq Km: 4 981  | 23-Aug-2003 |
| Black Rock Petroleum NL*                           |                 |             |               |             |
| <b>EP 374 R1</b>                                   | Canning Basin   | Blocks: 100 | Sq Km: 7 744  | 29-Sep-2003 |
| Nerdlihc Company Inc.*                             |                 |             |               |             |
| <b>EP 375 R1</b>                                   | Canning Basin   | Blocks: 100 | Sq Km: 7 744  | 29-Sep-2003 |
| Nerdlihc Company Inc.*                             |                 |             |               |             |
| <b>EP 376 R1</b>                                   | Canning Basin   | Blocks: 100 | Sq Km: 7 744  | 29-Sep-2003 |
| Nerdlihc Company Inc.*                             |                 |             |               |             |
| <b>EP 380 R1</b>                                   | Bangemall Basin | Blocks: 150 | Sq Km: 11 615 | 13-Jul-2003 |
| Amadeus Petroleum NL*                              |                 |             |               |             |
| Jagen Nominees Pty Ltd                             |                 |             |               |             |
| <b>EP 381 R1</b>                                   | Perth Basin     | Blocks: 21  | Sq Km: 1 417  | 10-Dec-2003 |
| Amity Oil NL*                                      |                 |             |               |             |
| Empire Oil Company (WA) Ltd                        |                 |             |               |             |
| Geopetro Resources Company                         |                 |             |               |             |
| Southern Amity Inc.                                |                 |             |               |             |
| <b>EP 386 R1</b>                                   | Bonaparte Basin | Blocks: 91  | Sq Km: 7 554  | 11-Jan-2004 |
| <i>Bonaparte, Garimala, Ningbing, Waggon Creek</i> |                 |             |               |             |
| Amity Oil NL*                                      |                 |             |               |             |
| Bonaparte Gulf Oil & Gas Pty Ltd                   |                 |             |               |             |
| Frontier Bonaparte Pty Ltd                         |                 |             |               |             |
| Geopetro Resources Company                         |                 |             |               |             |
| <b>EP 389 R1</b>                                   | Perth Basin     | Blocks: 28  | Sq Km: 2 052  | 24-Sep-2005 |
| Empire Oil Company (WA) Ltd*                       |                 |             |               |             |
| CalEnergy Gas (Aust) Ltd                           |                 |             |               |             |
| <b>EP 390 R1</b>                                   | Canning Basin   | Blocks: 65  | Sq Km: 10 792 | 28-Jun-2006 |
| Kimberley Oil NL*                                  |                 |             |               |             |
| 100.00   |                 |             |               |             |
| <b>EP 391 R1</b>                                   | Canning Basin   | Blocks: 59  | Sq Km: 9 796  | 28-Jun-2006 |
| Kimberley Oil NL*                                  |                 |             |               |             |
| 100.00   |                 |             |               |             |
| <b>EP 405</b>                                      | Carnarvon Basin | Blocks: 113 | Sq Km: 8 750  | 12-Oct-2003 |
| Empire Oil Company (WA) Ltd*                       |                 |             |               |             |
| <b>EP 407</b>                                      | Perth Basin     | Blocks: 26  | Sq Km: 1 755  | 04-Mar-2003 |
| Ausam Resources NL*                                |                 |             |               |             |
| Capital Consultant Services Pty Ltd                |                 |             |               |             |
| <b>EP 408</b>                                      | Perth Basin     | Blocks: 26  | Sq Km: 1 755  | 01-Jul-2003 |
| Amity Oil NL*                                      |                 |             |               |             |
| Apache Northwest Pty Ltd                           |                 |             |               |             |
| Geopetro Resources Company                         |                 |             |               |             |
| Kufpee Australia Pty Ltd                           |                 |             |               |             |
| Southern Amity Inc.                                |                 |             |               |             |
| Tap (Harriet) Pty Ltd                              |                 |             |               |             |
| <b>EP 410</b>                                      | Carnarvon Basin | Blocks: 20  | Sq Km: 1 549  | 29-Sep-2003 |
| Gulliver Productions Pty Ltd*                      |                 |             |               |             |
| Apache Northwest Pty Ltd                           |                 |             |               |             |
| Falcore Pty Ltd                                    |                 |             |               |             |
| Indigo Oil Pty Ltd                                 |                 |             |               |             |
| Kufpee Australia Pty Ltd                           |                 |             |               |             |
| Tap (Harriet) Pty Ltd                              |                 |             |               |             |

| Title                                     |                 |             |              |             |
|---|-----------------|-------------|--------------|-------------|
| <b>Accumulation</b>                       |                 |             |              |             |
| Company (Operator*)                       |                 | Equity      | Expiry Date  |             |
| <b>EP 411</b>                             | Perth Basin     | Blocks: 17  | Sq Km: 1 147 | 26-Aug-2004 |
| CalEnergy Gas (Aust) Ltd*                 |                 |             |              |             |
| Apache Northwest Pty Ltd                  |                 |             |              |             |
| Empire Oil Company (WA) Ltd               |                 |             |              |             |
| Kufpee Australia Pty Ltd                  |                 |             |              |             |
| Tap (Harriet) Pty Ltd                     |                 |             |              |             |
| <b>EP 412</b>                             | Carnarvon Basin | Blocks: 69  | Sq Km: 5 343 | 18-Mar-2004 |
| Flare Petroleum NL*                       |                 |             |              |             |
| 100.00                                    |                 |             |              |             |
| ROC Oil WA Pty Ltd                        |                 |             |              |             |
| Rough Range Oil Pty Ltd                   |                 |             |              |             |
| Westranch Holdings Pty Ltd                |                 |             |              |             |
| <b>EP 413 R1</b>                          | Perth Basin     | Blocks: 11  | Sq Km: 852   | 25-Aug-2004 |
| Origin Energy Developments Pty Ltd*       |                 |             |              |             |
| AWE (Perth Basin) Ltd                     |                 |             |              |             |
| Burns, Alan Robert                        |                 |             |              |             |
| Chimelle Petroleum Ltd                    |                 |             |              |             |
| Euro Pacific Energy Pty Ltd               |                 |             |              |             |
| Geary, John Kevin                         |                 |             |              |             |
| Hardman Oil and Gas Pty Ltd               |                 |             |              |             |
| Victoria Petroleum Offshore P/L           |                 |             |              |             |
| <b>EP 414 R1</b>                          | Perth Basin     | Blocks: 15  | Sq Km: 1 012 | 25-Aug-2004 |
| Ausam Resources NL*                       |                 |             |              |             |
| Burns, Alan Robert                        |                 |             |              |             |
| Empire Oil Company (WA) Ltd               |                 |             |              |             |
| Euro Pacific Energy Pty Ltd               |                 |             |              |             |
| <b>EP 415</b>                             | Perth Basin     | Blocks: 21  | Sq Km: 1 417 | 25-Aug-2005 |
| CalEnergy Gas (Aust) Ltd*                 |                 |             |              |             |
| 100.00                                    |                 |             |              |             |
| Empire Oil Company (WA) Ltd               |                 |             |              |             |
| <b>EP 416</b>                             | Perth Basin     | Blocks: 57  | Sq Km: 3 847 | 25-Aug-2005 |
| Empire Oil Company (WA) Ltd*              |                 |             |              |             |
| 100.00                                    |                 |             |              |             |
| <b>EP 417</b>                             | Canning Basin   | Blocks: 78  | Sq Km: 6 475 | 21-Feb-2006 |
| New Standard Exploration NL*              |                 |             |              |             |
| 100.00                                    |                 |             |              |             |
| <b>EP 419</b>                             | Perth Basin     | Blocks: 9   | Sq Km: 607   | 18-Oct-2006 |
| Black Rock Resources Australia NL*        |                 |             |              |             |
| 100.00                                    |                 |             |              |             |
| <b>EP 422</b>                             | Canning Basin   | Blocks: 147 |              | 21-Mar-2008 |
| Ausoil Exploration Pty Ltd*               |                 |             |              |             |
| 100.00                                    |                 |             |              |             |
| <b>Production Licence</b>                 |                 |             |              |             |
| <b>Legislation Group: Territorial</b>     |                 |             |              |             |
| Sq km approximate                         |                 |             |              |             |
| <b>L 1 R1</b>                             | Perth Basin     | Blocks: 5   | Sq Km: 387   | 17-May-2014 |
| <i>Dongara</i>                            |                 |             |              |             |
| Arc Energy NL*                            |                 |             |              |             |
| Chevron Texaco Aust Ltd*                  |                 |             |              |             |
| Apache Northwest Pty Ltd                  |                 |             |              |             |
| Kufpee Australia Pty Ltd                  |                 |             |              |             |
| Mobil Australia Resources Company Pty Ltd |                 |             |              |             |
| Origin Energy Developments Pty Ltd        |                 |             |              |             |
| Santos offshore Pty Ltd                   |                 |             |              |             |
| Tap (Harriet) Pty Ltd                     |                 |             |              |             |
| Texaco Australia Pty Ltd                  |                 |             |              |             |
| <b>L 2 R1</b>                             | Perth Basin     | Blocks: 4   | Sq Km: 310   | 17-May-2014 |
| <i>Dongara</i>                            |                 |             |              |             |
| Arc Energy NL*                            |                 |             |              |             |
| Origin Energy Developments Pty Ltd        |                 |             |              |             |
| <b>L 4</b>                                | Perth Basin     | Blocks: 5   | Sq Km: 387   | 24-Mar-2004 |
| <i>Woodada</i>                            |                 |             |              |             |
| Hardman Oil and Gas Pty Ltd*              |                 |             |              |             |
| <b>L 5</b>                                | Perth Basin     | Blocks: 4   | Sq Km: 310   | 28-Dec-2004 |
| <i>Woodada</i>                            |                 |             |              |             |
| Hardman Oil and Gas Pty Ltd*              |                 |             |              |             |
| Shell Development (Aust) Pty Ltd          |                 |             |              |             |
| Woodside Energy Ltd                       |                 |             |              |             |
| <b>L 6</b>                                | Canning Basin   | Blocks: 5   | Sq Km: 415   | 22-Sep-2004 |
| <i>Blima</i>                              |                 |             |              |             |
| Terratek Drilling Tools Pty Ltd*          |                 |             |              |             |
| Woodside Energy Ltd                       |                 |             |              |             |
| <b>L 7</b>                                | Perth Basin     | Blocks: 2   | Sq Km: 155   | 13-May-2005 |
| <i>Mount Horner</i>                       |                 |             |              |             |
| Petro Energy Pty Ltd                      |                 |             |              |             |
| <b>L 8</b>                                | Canning Basin   | Blocks: 4   | Sq Km: 332   | 21-Oct-2005 |
| <i>Sundown, West Terrace</i>              |                 |             |              |             |
| Terratek Drilling Tools Pty Ltd*          |                 |             |              |             |
| <b>L 9</b>                                | Carnarvon Basin | Blocks: 3   | Sq Km: 232   | 03-Jun-2008 |
| <i>Tubridgi</i>                           |                 |             |              |             |
| Sagasco South East Inc.*                  |                 |             |              |             |
| Origin Energy Amadeus NL                  |                 |             |              |             |
| Origin Energy Petroleum Pty Ltd           |                 |             |              |             |
| Pan Pacific Petroleum NL                  |                 |             |              |             |

# KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title   |                         |             |  |  |
|---|-------------------------|-------------|--|--|
| Accumulation                                      |                         |             |  |  |
| Company (Operator*)                               | Equity                  | Expiry Date |  |  |
| <b>L 10</b> Carnarvon Basin                       | Blocks: 8 Sq Km: 619    | 03-Feb-2009 |  |  |
| <i>Barrow Island</i>                              |                         |             |  |  |
| Chevron Texaco Aust Ltd*                          |                         |             |  |  |
| Apache Northwest Pty Ltd                          |                         |             |  |  |
| Kufpec Australia Pty Ltd                          |                         |             |  |  |
| Mobil Australia Resources Company Pty Ltd         |                         |             |  |  |
| Santos offshore Pty Ltd                           |                         |             |  |  |
| Tap (Harriet) Pty Ltd                             |                         |             |  |  |
| Texaco Australia Pty Ltd                          |                         |             |  |  |
| <b>L 11</b> Perth Basin                           | Blocks: 1 Sq Km: 77     | 14-May-2013 |  |  |
| <i>Beharra Springs</i>                            |                         |             |  |  |
| Origin Energy Developments Pty Ltd*               |                         |             |  |  |
| AWE (Perth Basin) Ltd                             |                         |             |  |  |
| <b>Offshore</b>                                   |                         |             |  |  |
| <b>Exploration Permit</b>                         |                         |             |  |  |
| <b>Legislation Group: PSLA</b>                    |                         |             |  |  |
| Sq km approximate                                 |                         |             |  |  |
| <b>WA-1-P R6</b> Carnarvon Basin                  | Blocks: 15 Sq Km: 1 328 | 16-Nov-2007 |  |  |
| Santos Ltd*                                       | 22.56                   |             |  |  |
| Apache Northwest Pty Ltd                          | 31.50                   |             |  |  |
| Woodside Energy Ltd                               | 45.94                   |             |  |  |
| <b>WA-18-P R5</b> Bonaparte Basin                 | Blocks: 8 Sq Km: 664    | 01-Jun-2004 |  |  |
| <i>Tern</i>                                       |                         |             |  |  |
| Santos Ltd*                                       | 62.50                   |             |  |  |
| Bonaparte Gas & Oil Pty Ltd                       | 30.00                   |             |  |  |
| Santos offshore Pty Ltd                           | 7.50                    |             |  |  |
| <b>WA-28-P R6</b> Carnarvon Basin                 | Blocks: 14 Sq Km: 1 245 | 13-Feb-2007 |  |  |
| Woodside Energy Ltd*                              | 16.67                   |             |  |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd | 16.67                   |             |  |  |
| BP Developments Australia Pty Ltd                 | 16.67                   |             |  |  |
| Chevron Texaco Aust Ltd                           | 16.67                   |             |  |  |
| Japan Australia LNG (MIMI) Pty Ltd                | 16.67                   |             |  |  |
| Shell Development (Aust) Pty Ltd                  | 16.67                   |             |  |  |
| <b>WA-33-P R3</b> Browse Basin                    | Blocks: 48 Sq Km: 3 985 | 26-Feb-2003 |  |  |
| <i>Breckenock, Scott Reef</i>                     |                         |             |  |  |
| Woodside Energy Ltd*                              | 50.00                   |             |  |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd | 8.33                    |             |  |  |
| BP Developments Australia Pty Ltd                 | 16.67                   |             |  |  |
| Chevron Texaco Aust Ltd                           | 16.67                   |             |  |  |
| Shell Development (Australia) Pty Ltd             | 8.33                    |             |  |  |
| <b>WA-35-P R5</b> Browse Basin                    | Blocks: 16 Sq Km: 1 328 | 06-Sep-2003 |  |  |
| Shell Development (Australia) Pty Ltd*            | 66.67                   |             |  |  |
| Chevron Texaco Aust Ltd                           | 33.33                   |             |  |  |
| <b>WA-149-P R3</b> Carnarvon Basin                | Blocks: 9 Sq Km: 703    | 09-Nov-2004 |  |  |
| Ampoex (PPL) Pty Ltd                              | 12.47                   |             |  |  |
| Apache Oil Australia Pty Ltd                      | 48.81                   |             |  |  |
| Pan Pacific Petroleum (South Aust) Pty Ltd        | 10.00                   |             |  |  |
| Santos (BOL) Pty Ltd                              | 18.71                   |             |  |  |
| <b>WA-155-P R3</b> Carnarvon Basin                | Blocks: 14 Sq Km: 1 162 | 12-Jan-2004 |  |  |
| BHP Billiton (Australia) Pty Ltd*                 | 71.43                   |             |  |  |
| Mobil Australia Resources Company Pty Ltd         | 28.57                   |             |  |  |
| <b>WA-191-P R3</b> Carnarvon Basin                | Blocks: 16 Sq Km: 1 328 | 01-Jun-2004 |  |  |
| Kufpec Australia Pty Ltd*                         | 33.40                   |             |  |  |
| Nippon Oil Exploration (Dampier) Pty Ltd          | 25.00                   |             |  |  |
| Santos Ltd  | 33.40                   |             |  |  |
| Woodside Oil Ltd                                  | 8.20                    |             |  |  |
| <b>WA-192-P R3</b> Carnarvon Basin                | Blocks: 12 Sq Km: 996   | 08-Jul-2004 |  |  |
| Tap (Harriet) Pty Ltd*                            | 12.22                   |             |  |  |
| Apache Harriet Pty Ltd                            | 25.00                   |             |  |  |
| Apache Lowendal Pty Ltd                           | 12.50                   |             |  |  |
| Apache Miladin Pty Ltd                            | 7.39                    |             |  |  |
| Apache Nasmah Pty Ltd                             | 1.01                    |             |  |  |
| Apache Northwest Pty Ltd                          | 11.35                   |             |  |  |
| Kufpec Australia Pty Ltd                          | 19.28                   |             |  |  |
| New World Oil & Developments Pty Ltd              | 0.10                    |             |  |  |
| Texaco Australia Pty Ltd                          | 11.25                   |             |  |  |
| <b>WA-202-P R2</b> Carnarvon Basin                | Blocks: 13 Sq Km: 1 079 | 03-Aug-2004 |  |  |
| Apache Northwest Pty Ltd*                         | 50.00                   |             |  |  |
| AWE Petroleum Ltd                                 | 10.00                   |             |  |  |
| Wandoo Petroleum Pty Ltd                          | 40.00                   |             |  |  |
| <b>WA-205-P R2</b> Carnarvon Basin                | Blocks: 14 Sq Km: 945   | 03-Dec-2005 |  |  |
| Chevron Texaco Australia Ltd*                     | 28.57                   |             |  |  |
| Mobil Australia Resources Company Pty Ltd         | 14.29                   |             |  |  |
| Shell Development (Australia) Pty Ltd             | 28.57                   |             |  |  |
| Texaco Australia Pty Ltd                          | 28.57                   |             |  |  |
| <b>WA-208-P R2</b> Carnarvon Basin                | Blocks: 16 Sq Km: 1 328 | 03-Jun-2007 |  |  |
| Woodside Energy Ltd*                              | 44.03                   |             |  |  |
| AGIP Australia Ltd                                | 18.66                   |             |  |  |
| Mosaic Oil NL                                     | 7.46                    |             |  |  |
| Santos Offshore Pty Ltd                           | 29.85                   |             |  |  |
| <b>WA-209-P R2</b> Carnarvon Basin                | Blocks: 12 Sq Km: 810   | 09-Nov-2005 |  |  |
| Apache Northwest Pty Ltd*                         | 33.33                   |             |  |  |
| Globex Far East                                   | 12.50                   |             |  |  |
| Santos Ltd  | 54.17                   |             |  |  |

| Title  |                           |             |  |  |
|--|---------------------------|-------------|--|--|
| Accumulation                                       |                           |             |  |  |
| Company (Operator*)                                | Equity                    | Expiry Date |  |  |
| <b>WA-214-P R1</b> Carnarvon Basin                 | Blocks: 13 Sq Km: 1 079   | 19-Aug-2008 |  |  |
| Santos (BOL) Pty Ltd*                              | 20.00                     |             |  |  |
| AEC International (Australia) Pty Ltd              | 25.00                     |             |  |  |
| Apache AE Pty Ltd                                  | 35.00                     |             |  |  |
| Apache Northwest Pty Ltd                           | 20.00                     |             |  |  |
| <b>WA-217-P R1</b> Bonaparte Basin                 | Blocks: 35 Sq Km: 2 905   | 27-Apr-2003 |  |  |
| Mobil Exploration and Producing Australia Pty Ltd* | 100.00                    |             |  |  |
| <b>WA-226-P R1</b> Perth Basin                     | Blocks: 52 Sq Km: 4 027   | 23-Nov-2002 |  |  |
| Dana Petroleum (E&P) Ltd*                          | 12.81                     |             |  |  |
| Apache Northwest Pty Ltd                           | 28.75                     |             |  |  |
| Chimelle Petroleum Ltd                             | 5.00                      |             |  |  |
| Dana Petroleum (WA) LLC                            | 12.66                     |             |  |  |
| <b>WA-239-P R1</b> Browse Basin                    | Blocks: 57 Sq Km: 4 732   | 24-May-2004 |  |  |
| Nexen Petroleum Australia Pty Ltd*                 | 100.00                    |             |  |  |
| <b>WA-242-P R1</b> Carnarvon Basin                 | Blocks: 95 Sq Km: 7 886   | 14-Nov-2004 |  |  |
| Woodside Energy Ltd*                               | 66.66                     |             |  |  |
| Santos (BOL) Pty Ltd                               | 33.33                     |             |  |  |
| <b>WA-246-P R1</b> Carnarvon Basin                 | Blocks: 4 Sq Km: 270      | 23-Oct-2005 |  |  |
| Apache Northwest Pty Ltd*                          | 45.00                     |             |  |  |
| Globex Far East                                    | 15.00                     |             |  |  |
| Kufpec Australia Pty Ltd                           |                           |             |  |  |
| Pan Pacific Petroleum (South Aust) Pty Ltd         | 10.00                     |             |  |  |
| Woodside Energy Ltd                                |                           |             |  |  |
| <b>WA-248-P R1</b> Carnarvon Basin                 | Blocks: 17 Sq Km: 3 071   | 11-Jun-2005 |  |  |
| Woodside Energy Ltd*                               | 80.00                     |             |  |  |
| Japan Australia LNG (MIMI) Pty Ltd                 | 20.00                     |             |  |  |
| <b>WA-253-P R1</b> Carnarvon Basin                 | Blocks: 9 Sq Km: 2 158    | 21-Feb-2007 |  |  |
| Chevron Texaco Aust Ltd*                           | 50.00                     |             |  |  |
| Texaco Australia Pty Ltd                           | 50.00                     |             |  |  |
| <b>WA-254-P R1</b> Carnarvon Basin                 | Blocks: 4 Sq Km: 249      | 02-May-2006 |  |  |
| Apache Northwest Pty Ltd*                          | 47.89                     |             |  |  |
| First Australian Resources NL                      | 10.71                     |             |  |  |
| Pan Pacific Petroleum NL                           | 2.99                      |             |  |  |
| Sun Resources NL                                   | 7.86                      |             |  |  |
| Victoria Petroleum NL                              | 6.17                      |             |  |  |
| Woodside Energy Ltd                                | 24.38                     |             |  |  |
| <b>WA-255-P R1</b> Carnarvon Basin                 | Blocks: 46 Sq Km: 3 105   | 01-Aug-2005 |  |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd* | 50.00                     |             |  |  |
| Woodside Energy Ltd                                | 50.00                     |             |  |  |
| <b>WA-256-P R1</b> Carnarvon Basin                 | Blocks: 8 Sq Km: 664      | 15-Oct-2007 |  |  |
| Apache Northwest Pty Ltd*                          | 69.44                     |             |  |  |
| Globex Far East                                    | 15.00                     |             |  |  |
| Wandoo Petroleum Pty Ltd                           | 15.57                     |             |  |  |
| <b>WA-257-P</b> Carnarvon Basin                    | Blocks: 6 Sq Km: 498      | 28-Mar-2003 |  |  |
| Renewal Pending                                    |                           |             |  |  |
| Apache Northwest Pty Ltd*                          | 64.40                     |             |  |  |
| Wandoo Petroleum Pty Ltd                           | 35.60                     |             |  |  |
| <b>WA-261-P R1</b> Carnarvon Basin                 | Blocks: 6 Sq Km: 415      | 11-Jul-2007 |  |  |
| Apache Northwest Pty Ltd*                          | 45.13                     |             |  |  |
| Strike Oil NL                                      | 36.22                     |             |  |  |
| Sun Resources NL                                   | 6.15                      |             |  |  |
| Victoria Petroleum NL                              | 12.50                     |             |  |  |
| <b>WA-264-P R1</b> Carnarvon Basin                 | Blocks: 8 Sq Km: 664      | 03-Feb-2008 |  |  |
| Santos Ltd*  | 66.70                     |             |  |  |
| Idemitsu Oil Exploration (Barrow) Pty Ltd          | 33.30                     |             |  |  |
| <b>WA-267-P</b> Carnarvon Basin                    | Blocks: 68 Sq Km: 5 645   | 19-May-2005 |  |  |
| Chevron Texaco (Aust) Ltd*                         | 50.00                     |             |  |  |
| BP Exploration (Alpha) Ltd                         | 12.50                     |             |  |  |
| Mobil Australia Resources Company Pty Ltd          | 25.00                     |             |  |  |
| Shell Development (Australia) Pty Ltd              | 12.50                     |             |  |  |
| <b>WA-268-P</b> Carnarvon Basin                    | Blocks: 149 Sq Km: 14 610 | 04-Dec-2004 |  |  |
| Mobil Exploration and Producing Australia Pty Ltd* | 50.00                     |             |  |  |
| Texaco Australia Pty Ltd                           | 50.00                     |             |  |  |
| <b>WA-269-P</b> Carnarvon Basin                    | Blocks: 126 Sq Km: 10 460 | 04-Sep-2003 |  |  |
| Woodside Energy Ltd*                               | 100.00                    |             |  |  |
| <b>WA-270-P</b> Carnarvon Basin                    | Blocks: 94 Sq Km: 7 803   | 04-Jun-2004 |  |  |
| Woodside Energy Ltd*                               | 100.00                    |             |  |  |
| <b>WA-271-P</b> Carnarvon Basin                    | Blocks: 76 Sq Km: 6 309   | 11-Aug-2003 |  |  |
| Woodside Energy Ltd*                               | 100.00                    |             |  |  |
| <b>WA-274-P</b> Browse Basin                       | Blocks: 69 Sq Km: 5 728   | 18-Aug-2004 |  |  |
| Coveyork Pty Ltd*                                  | 100.00                    |             |  |  |
| <b>WA-275-P</b> Browse Basin                       | Blocks: 56 Sq Km: 4 649   | 18-Aug-2004 |  |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd  | 20.00                     |             |  |  |
| BP Petroleum Developments (NWS) Pty Ltd            | 20.00                     |             |  |  |
| Chevron Texaco Aust Ltd                            | 20.00                     |             |  |  |
| Shell Development (Australia) Pty Ltd              | 20.00                     |             |  |  |
| <b>WA-276-P</b> Bonaparte Basin                    | Blocks: 28 Sq Km: 2 324   | 18-Aug-2004 |  |  |
| Kerr-McGee NW Shelf Australia Energy Pty Ltd*      | 39.00                     |             |  |  |
| PanCanadian Petroleum Ltd                          | 34.00                     |             |  |  |
| SK Corporation                                     | 10.00                     |             |  |  |
| Tap Oil NL   | 17.00                     |             |  |  |

# KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title  |                 |             |               |             |
|--|-----------------|-------------|---------------|-------------|
| <b>Accumulation</b>                                |                 |             |               |             |
| Company (Operator*)                                |                 | Equity      |               | Expiry Date |
| <b>WA-277-P</b>                                    | Bonaparte Basin | Blocks: 30  | Sq Km: 2 490  | 18-Aug-2004 |
| Kerr-McGee NW Shelf Australia Energy Pty Ltd*      |                 |             | 39.00         |             |
| PanCanadian Petroleum Ltd                          |                 |             | 34.00         |             |
| SK Corporation                                     |                 |             | 10.00         |             |
| Tap Oil NL   |                 |             | 17.00         |             |
| <b>WA-278-P</b>                                    | Bonaparte Basin | Blocks: 30  | Sq Km: 2 490  | 18-May-2006 |
| Kerr-McGee NW Shelf Australia Energy Pty Ltd*      |                 |             | 39.00         |             |
| EnCana Corporation                                 |                 |             | 34.00         |             |
| SK Corporation                                     |                 |             | 10.00         |             |
| Tap Oil NL   |                 |             | 17.00         |             |
| <b>WA-279-P</b>                                    | Bonaparte Basin | Blocks: 39  | Sq Km: 3 238  | 18-Aug-2004 |
| <i>Blacktip</i>                                    |                 |             |               |             |
| Woodside Energy Ltd*                               |                 |             | 20.00         |             |
| AGIP Australia BV                                  |                 |             | 30.00         |             |
| Shell Development (Australia) Pty Ltd              |                 |             | 50.00         |             |
| <b>WA-280-P</b>                                    | Bonaparte Basin | Blocks: 45  | Sq Km: 3 736  | 18-Aug-2004 |
| Woodside Energy Ltd*                               |                 |             | 35.00         |             |
| AGIP Australia P/L                                 |                 |             | 30.00         |             |
| Shell Development (Australia) Pty Ltd              |                 |             | 35.00         |             |
| <b>WA-281-P</b>                                    | Browse Basin    | Blocks: 56  | Sq Km: 4 649  | 18-Feb-2005 |
| Santos offshore Pty Ltd*                           |                 |             | 34.14         |             |
| Beach Petroleum NL                                 |                 |             | 10.00         |             |
| Oil Search (Australia) Pty Ltd                     |                 |             | 31.03         |             |
| Petroz NL  |                 |             | 24.83         |             |
| <b>WA-282-P</b>                                    | Browse Basin    | Blocks: 72  | Sq Km: 5 977  | 18-Dec-2004 |
| Santos offshore Pty Ltd*                           |                 |             | 52.76         |             |
| Beach Petroleum NL                                 |                 |             | 10.00         |             |
| Petroz NL  |                 |             | 37.24         |             |
| <b>WA-283-P</b>                                    | Browse Basin    | Blocks: 52  | Sq Km: 4 317  | 18-Feb-2005 |
| Santos offshore Pty Ltd*                           |                 |             | 40.34         |             |
| Beach Petroleum NL                                 |                 |             | 7.50          |             |
| Coastal Oil & Gas Australia 283 Pty Ltd            |                 |             | 27.50         |             |
| Petroz NL  |                 |             | 24.66         |             |
| <b>WA-285-P</b>                                    | Browse Basin    | Blocks: 62  | Sq Km: 5 147  | 18-Aug-2004 |
| Inpex Browse Ltd*                                  |                 |             | 100.00        |             |
| <b>WA-286-P</b>                                    | Perth Basin     | Blocks: 210 | Sq Km: 17 433 | 21-Feb-2005 |
| AWE Oil (WA) NL*                                   |                 |             | 12.50         |             |
| Arc Energy NL                                      |                 |             | 7.50          |             |
| Chimelle Petroleum Ltd                             |                 |             | 5.00          |             |
| ROC Oil WA Pty Ltd                                 |                 |             | 45.00         |             |
| Wandoo Petroleum Pty Ltd                           |                 |             | 25.00         |             |
| Westranch Holdings Pty Ltd                         |                 |             | 5.00          |             |
| <b>WA-287-P</b>                                    | Bonaparte Basin | Blocks: 29  | Sq Km: 2 075  | 21-Feb-2005 |
| Magellan Petroleum (WA) Pty Ltd*                   |                 |             | 100.00        |             |
| <b>WA-288-P</b>                                    | Bonaparte Basin | Blocks: 25  | Sq Km: 2 407  | 21-Feb-2005 |
| Magellan Petroleum (WA) Pty Ltd*                   |                 |             | 35.00         |             |
| Inpex Browse Ltd                                   |                 |             | 65.00         |             |
| <b>WA-290-P</b>                                    | Carnarvon Basin | Blocks: 6   | Sq Km: 498    | 25-Mar-2005 |
| OMV Barrow Pty Ltd*                                |                 |             | 100.00        |             |
| <b>WA-291-P</b>                                    | Carnarvon Basin | Blocks: 111 | Sq Km: 9 214  | 03-Aug-2005 |
| Magellan Petroleum (WA) Pty Ltd*                   |                 |             | 100.00        |             |
| <b>WA-292-P</b>                                    | Carnarvon Basin | Blocks: 76  | Sq Km: 6 309  | 03-Aug-2005 |
| <i>Nebo</i>  |                 |             |               |             |
| OMV Beagle Pty Ltd*                                |                 |             | 33.33         |             |
| AGIP Australia BV                                  |                 |             | 33.33         |             |
| IB Resources Pty Ltd                               |                 |             | 33.33         |             |
| <b>WA-293-P</b>                                    | Carnarvon Basin | Blocks: 205 | Sq Km: 17 018 | 03-Aug-2005 |
| Woodside Energy Ltd*                               |                 |             | 100.00        |             |
| <b>WA-294-P</b>                                    | Carnarvon Basin | Blocks: 117 | Sq Km: 9 713  | 16-Aug-2005 |
| BP Exploration (Alpha) Ltd*                        |                 |             | 20.00         |             |
| Chevron Texaco Aust Ltd                            |                 |             | 20.00         |             |
| Japan Australia LNG (MIMI) Pty Ltd                 |                 |             | 20.00         |             |
| Shell Development (Australia) Pty Ltd              |                 |             | 20.00         |             |
| Woodside Energy Ltd                                |                 |             | 20.00         |             |
| <b>WA-295-P</b>                                    | Carnarvon Basin | Blocks: 173 | Sq Km: 14 361 | 16-Aug-2006 |
| AGIP Australia BV*                                 |                 |             | 50.00         |             |
| Kerr McGee NW Shelf Energy Australia Pty Ltd       |                 |             | 50.00         |             |
| <b>WA-296-P</b>                                    | Carnarvon Basin | Blocks: 148 | Sq Km: 12 286 | 16-Feb-2006 |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd* |                 |             | 19.00         |             |
| BP Exploration (Alpha) Ltd                         |                 |             | 16.66         |             |
| Chevron Texaco Aust Ltd                            |                 |             | 16.66         |             |
| Japan Australia LNG (MIMI) Pty Ltd                 |                 |             | 16.66         |             |
| Shell Development (Australia) Pty Ltd              |                 |             | 16.66         |             |
| Woodside Energy Ltd                                |                 |             | 14.33         |             |
| <b>WA-297-P</b>                                    | Carnarvon Basin | Blocks: 131 | Sq Km: 10 875 | 16-Aug-2005 |
| Woodside Energy Ltd*                               |                 |             | 20.00         |             |
| BP Exploration (Alpha) Ltd                         |                 |             | 20.00         |             |
| Chevron Texaco Aust Ltd                            |                 |             | 20.00         |             |
| Japan Australia LNG (MIMI) Pty Ltd                 |                 |             | 20.00         |             |
| Shell Development (Australia) Pty Ltd              |                 |             | 20.00         |             |

| Title  |                 |            |              |             |
|--|-----------------|------------|--------------|-------------|
| <b>Accumulation</b>                                |                 |            |              |             |
| Company (Operator*)                                |                 | Equity     |              | Expiry Date |
| <b>WA-298-P</b>                                    | Carnarvon Basin | Blocks: 1  | Sq Km: 83    | 15-Feb-2006 |
| Mobil Exploration and Producing Australia Pty Ltd* |                 |            | 35.00        |             |
| Apache Oil Australia Pty Ltd                       |                 |            | 20.00        |             |
| Encana International (Australia) Pty Ltd           |                 |            | 25.00        |             |
| Santos (BOL) Pty Ltd                               |                 |            | 20.00        |             |
| <b>WA-299-P</b>                                    | Carnarvon Basin | Blocks: 70 | Sq Km: 5 546 | 24-Jul-2006 |
| Shell Development (Australia) Pty Ltd*             |                 |            | 99.00        |             |
| Woodside Energy Ltd                                |                 |            | 1.00         |             |
| <b>WA-300-P</b>                                    | Carnarvon Basin | Blocks: 82 | Sq Km: 6 466 | 24-Jul-2006 |
| Shell Development (Australia) Pty Ltd*             |                 |            | 99.00        |             |
| Woodside Energy Ltd                                |                 |            | 1.00         |             |
| <b>WA-301-P</b>                                    | Browse Basin    | Blocks: 92 | Sq Km: 7 665 | 24-Jul-2006 |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd* |                 |            | 50.00        |             |
| Kerr-McGee NW Shelf Australia Energy Pty Ltd       |                 |            | 50.00        |             |
| <b>WA-302-P</b>                                    | Browse Basin    | Blocks: 53 | Sq Km: 4 417 | 24-Jul-2006 |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd* |                 |            | 33.33        |             |
| Kerr-McGee NW Shelf Australia Energy Pty Ltd       |                 |            | 33.33        |             |
| Texaco Copernicus P/L                              |                 |            | 33.33        |             |
| <b>WA-303-P</b>                                    | Browse Basin    | Blocks: 63 | Sq Km: 5 236 | 24-Jul-2006 |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd* |                 |            | 33.33        |             |
| Kerr-McGee NW Shelf Australia Energy Pty Ltd       |                 |            | 33.33        |             |
| Texaco Barcoo Pty Ltd                              |                 |            | 33.33        |             |
| <b>WA-304-P</b>                                    | Browse Basin    | Blocks: 42 | Sq Km: 3 491 | 24-Jul-2006 |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd* |                 |            | 50.00        |             |
| Kerr-McGee NW Shelf Australia Energy Pty Ltd       |                 |            | 50.00        |             |
| <b>WA-305-P</b>                                    | Browse Basin    | Blocks: 63 | Sq Km: 5 222 | 24-Jul-2006 |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd* |                 |            | 33.33        |             |
| Kerr-McGee NW Shelf Australia Energy Pty Ltd       |                 |            | 33.33        |             |
| Texaco Barcoo Pty Ltd                              |                 |            | 33.33        |             |
| <b>WA-306-P</b>                                    | Browse Basin    | Blocks: 56 | Sq Km: 4 629 | 24-Jul-2006 |
| Antrim Energy Australia Inc.*                      |                 |            | 37.50        |             |
| Magellan Petroleum (WA) Pty Ltd                    |                 |            | 37.50        |             |
| Rawson Resources NL                                |                 |            | 25.00        |             |
| <b>WA-307-P</b>                                    | Browse Basin    | Blocks: 42 | Sq Km: 3 462 | 22-Aug-2006 |
| Antrim Energy Australia P/L*                       |                 |            | 37.50        |             |
| Magellan Petroleum (WA) Pty Ltd                    |                 |            | 37.50        |             |
| Rawson Resources NL                                |                 |            | 25.00        |             |
| <b>WA-308-P</b>                                    | Carnarvon Basin | Blocks: 5  | Sq Km: 400   | 11-Jun-2007 |
| OMV Timor Sea Pty Ltd*                             |                 |            | 80.00        |             |
| OMV Petroleum Pty Ltd                              |                 |            | 20.00        |             |
| <b>WA-309-P</b>                                    | Carnarvon Basin | Blocks: 5  | Sq Km: 270   | 11-Jun-2007 |
| OMV Timor Sea Pty Ltd*                             |                 |            | 80.00        |             |
| OMV Petroleum Pty Ltd                              |                 |            | 20.00        |             |
| <b>WA-310-P</b>                                    | Carnarvon Basin | Blocks: 23 | Sq Km: 1 852 | 20-Aug-2007 |
| West Oil NL*                                       |                 |            | 50.00        |             |
| Bounty Oil & Gas NL                                |                 |            | 50.00        |             |
| <b>WA-311-P</b>                                    | Browse Basin    | Blocks: 24 | Sq Km: 1 999 | 02-Sep-2007 |
| Inpex Alpha Ltd*                                   |                 |            | 65.00        |             |
| Magellan Petroleum (WA) Pty Ltd                    |                 |            | 35.00        |             |
| <b>WA-312-P</b>                                    | Carnarvon Basin | Blocks: 23 | Sq Km: 1 849 | 17-Sep-2007 |
| Victoria Petroleum (WA-209-P) Pty Ltd*             |                 |            | 18.33        |             |
| Pan Continental Oil and Gas NL                     |                 |            | 33.33        |             |
| Strike Oil NL                                      |                 |            | 15.00        |             |
| Sun Resources NL                                   |                 |            | 33.33        |             |
| <b>WA-313-P</b>                                    | Bonaparte Basin | Blocks: 28 | Sq Km: 2 040 | 24-Sep-2007 |
| <i>Penguin</i>                                     |                 |            |              |             |
| Woodside Energy Ltd*                               |                 |            | 33.34        |             |
| AGIP BV  |                 |            | 33.33        |             |
| Shell Development (Australia) Pty Ltd              |                 |            | 33.33        |             |
| <b>WA-314-P</b>                                    | Browse Basin    | Blocks: 24 | Sq Km: 1 959 | 11-Nov-2007 |
| Liberty Petroleum Corporation*                     |                 |            | 100.00       |             |
| <b>WA-315-P</b>                                    | Browse Basin    | Blocks: 24 | Sq Km: 1 996 | 11-Nov-2007 |
| Liberty Petroleum Corporation*                     |                 |            | 100.00       |             |
| <b>WA-316-P</b>                                    | Bonaparte Basin | Blocks: 27 | Sq Km: 1 675 | 05-Dec-2001 |
| Ashmore Oil Pty Ltd*                               |                 |            | 100.00       |             |
| <b>WA-317-P</b>                                    | Bonaparte Basin | Blocks: 27 | Sq Km: 2 246 | 12-Dec-2007 |
| Drillsearch Energy NL*                             |                 |            | 100.00       |             |
| <b>WA-318-P</b>                                    | Bonaparte Basin | Blocks: 40 | Sq Km: 3 327 | 12-Dec-2007 |
| Drillsearch Energy NL*                             |                 |            | 100.00       |             |
| <b>WA-319-P</b>                                    | Bonaparte Basin | Blocks: 28 | Sq Km: 2 323 | 12-Dec-2007 |
| Drillsearch Energy NL*                             |                 |            | 100.00       |             |
| <b>WA-320-P</b>                                    | Carnarvon Basin | Blocks: 4  | Sq Km: 311   | 13-Mar-2008 |
| OMV Timor Sea Pty Ltd*                             |                 |            | 80.00        |             |
| OMV Petroleum Pty Ltd                              |                 |            | 20.00        |             |
| <b>WA-321-P</b>                                    | Carnarvon Basin | Blocks: 7  | Sq Km: 563   | 21-Mar-2008 |
| Octanex NL*  |                 |            | 50.00        |             |
| Strata Resources NL                                |                 |            | 50.00        |             |
| <b>WA-322-P</b>                                    | Carnarvon Basin | Blocks: 9  | Sq Km: 719   | 21-Mar-2008 |
| Octanex NL*  |                 |            | 50.00        |             |
| Strata Resources NL                                |                 |            | 50.00        |             |
| <b>WA-323-P</b>                                    | Carnarvon Basin | Blocks: 4  | Sq Km: 322   | 21-Mar-2008 |
| Octanex NL*  |                 |            | 50.00        |             |
| Strata Resources NL                                |                 |            | 50.00        |             |

# KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title   |                   |              |  |                 |
|---|-------------------|--------------|--|-----------------|
| <b>Accumulation</b>                               |                   |              |  |                 |
| Company (Operator*)                               |                   | Equity       |  | Expiry Date     |
| <b>WA-324-P</b> Bonaparte Basin                   | Blocks: 30        |              |  | 04-Jul-2008     |
| Daytona Energy Corporation*                       |                   | 100.00       |  |                 |
| <b>WA-325-P</b> Perth Basin                       | Blocks: 90        |              |  | 23-Jul-2008     |
| ROC Oil WA Pty Ltd*                               |                   | 37.50        |  |                 |
| Apache Northwest Pty Ltd                          |                   | 37.50        |  |                 |
| Bounty Oil & Gas NL                               |                   | 10.00        |  |                 |
| Chimelle Petroleum Ltd                            |                   | 15.00        |  |                 |
| <b>WA-326-P</b> Perth Basin                       | Blocks: 75        |              |  | 23-Jul-2008     |
| AGIP Australia BV*                                |                   | 100.00       |  |                 |
| <b>WA-327-P</b> Perth Basin                       | Blocks: 85        |              |  | 23-Jul-2008     |
| Apache Northwest Pty Ltd*                         |                   | 37.50        |  |                 |
| Bounty Oil & Gas NL                               |                   | 10.00        |  |                 |
| Chimelle Petroleum Ltd                            |                   | 15.00        |  |                 |
| ROC Oil WA Pty Ltd                                |                   | 37.50        |  |                 |
| <b>WA-328-P</b> Perth Basin                       | Blocks: 69        |              |  | 24-Jul-2008     |
| AGIP Australia BV*                                |                   | 67.00        |  |                 |
| Santos Offshore Pty Ltd                           |                   | 33.00        |  |                 |
| <b>WA-329-P</b> Carnarvon Basin                   | Blocks: 9         |              |  | 04-Sep-2008     |
| Octanex NL*                                       |                   | 50.00        |  |                 |
| Strata Resources NL                               |                   | 50.00        |  |                 |
| <b>WA-330-P</b> Carnarvon Basin                   | Blocks: 4         |              |  | 04-Sep-2008     |
| Octanex NL*                                       |                   | 50.00        |  |                 |
| Strata Resources NL                               |                   | 50.00        |  |                 |
| <b>WA-331-P</b> Browse Basin                      | Blocks: 37        |              |  | 04-Sep-2008     |
| Rawson Resources NL*                              |                   | 25.00        |  |                 |
| Eagle Bay Resources NL                            |                   | 25.00        |  |                 |
| Icon Energy Ltd                                   |                   | 25.00        |  |                 |
| Rough Range Oil Pty Ltd                           |                   | 25.00        |  |                 |
| <b>WA-332-P</b> Browse Basin                      | Blocks: 38        |              |  | 30-Sep-2008     |
| Batavia Oil & Gas PL*                             |                   | 35.00        |  |                 |
| Alpha Oil & Gas PL                                |                   | 20.00        |  |                 |
| Goldborough Energy PL                             |                   | 10.00        |  |                 |
| Hawkestone Oil PL                                 |                   | 35.00        |  |                 |
| <b>WA-333-P</b> Browse Basin                      | Blocks: 36        |              |  | 30-Sep-2008     |
| Batavia Oil & Gas PL*                             |                   | 35.00        |  |                 |
| Alpha Oil & Gas PL                                |                   | 25.00        |  |                 |
| Goldborough Energy PL                             |                   | 10.00        |  |                 |
| Hawkestone Oil PL                                 |                   | 35.00        |  |                 |
| <b>WA-334-P</b> Carnarvon Basin                   | Blocks: 4         |              |  | 16-Dec-2008     |
| Apache Northwest Pty Ltd*                         |                   | 80.00        |  |                 |
| Tap (Harriet) Pty Ltd                             |                   | 20.00        |  |                 |
| <b>WA-335-P</b> Carnarvon Basin                   | Blocks: 39        |              |  | 16-Dec-2008     |
| Apache Northwest Pty Ltd*                         |                   | 100.00       |  |                 |
| <b>WA-336-P</b> Perth Basin                       | Blocks: 83        |              |  | 17-Dec-2008     |
| Petroz NL*  |                   | 100.00       |  |                 |
| <b>WA-337-P</b> Perth Basin                       | Blocks: 49        |              |  | 14-Jan-2009     |
| Kerr McGee NW Shelf Energy Australia Pty Ltd*     |                   | 100.00       |  |                 |
| <b>WA-338-P</b> Browse Basin                      | Blocks: 53        |              |  | 14-Jan-2009     |
| Santos Offshore Pty Ltd*                          |                   | 71.50        |  |                 |
| SK Corporation                                    |                   | 28.50        |  |                 |
| <b>WA-339-P</b> Perth Basin                       | Blocks: 74        |              |  | 14-Jan-2009     |
| Santos Offshore Pty Ltd*                          |                   | 50.00        |  |                 |
| Kerr McGee NW Shelf Energy Australia Pty Ltd      |                   | 50.00        |  |                 |
| <b>WA-340-P</b> Carnarvon Basin                   | Blocks: 6         |              |  | 07-Mar-2008     |
| Strike Oil NL*                                    |                   | 40.00        |  |                 |
| Pan Continental Oil and Gas NL                    |                   | 20.00        |  |                 |
| Sun Resources NL                                  |                   | 20.00        |  |                 |
| Victoria Petroleum (WA-209-P) Pty Ltd             |                   | 20.00        |  |                 |
| <b>Legislation Group: Territorial</b>             | Sq km approximate |              |  |                 |
| <b>TP/ 2 R2</b> Carnarvon Basin                   | Blocks: 4         | Sq Km: 310   |  | 09-May-2003     |
| Chevron Texaco Aust Ltd*                          |                   |              |  |                 |
| Mobil Australia Resources Company Pty Ltd         |                   |              |  |                 |
| Santos Offshore Pty Ltd                           |                   |              |  |                 |
| Texaco Australia Pty Ltd                          |                   |              |  |                 |
| <b>TP/ 3 R2</b> Carnarvon Basin                   | Blocks: 13        | Sq Km: 1 084 |  | 21-Apr-2004     |
| Apache Northwest Pty Ltd                          |                   |              |  |                 |
| Kufpec Australia Pty Ltd                          |                   |              |  |                 |
| Santos Offshore Pty Ltd                           |                   |              |  |                 |
| Tap (Harriet) Pty Ltd                             |                   |              |  |                 |
| Texaco Australia Pty Ltd                          |                   |              |  |                 |
| <b>TP/ 4</b> Browse Basin                         | Blocks: 14        | Sq Km: 1 162 |  | 26-Feb-2003     |
| Woodside Energy Ltd*                              |                   |              |  |                 |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd |                   |              |  |                 |
| BP Developments Australia Pty Ltd                 |                   |              |  |                 |
| Chevron Texaco Aust Ltd                           |                   |              |  |                 |
| Shell Development (Aust) Pty Ltd                  |                   |              |  |                 |
| Shell Development (Australia) Pty Ltd             |                   |              |  |                 |
| <b>TP/ 6 R2</b> Carnarvon Basin                   | Blocks: 15        | Sq Km: 1 162 |  | 12-Oct-2003     |
| Apache Northwest Pty Ltd*                         |                   | 100.00       |  | Renewal Pending |

| Title                                      |            |              |  |                 |
|--|------------|--------------|--|-----------------|
| <b>Accumulation</b>                        |            |              |  |                 |
| Company (Operator*)                        |            | Equity       |  | Expiry Date     |
| <b>TP/ 7 R2</b> Carnarvon Basin            | Blocks: 16 | Sq Km: 1 247 |  | 16-Apr-2005     |
| Pepper, South Chernil                      |            |              |  |                 |
| Santos (BOI) Pty Ltd*                      |            |              |  |                 |
| Ampolex (PPL) Pty Ltd                      |            |              |  |                 |
| Apache Oil Australia Pty Ltd               |            |              |  |                 |
| Pan Pacific Petroleum (South Aust) Pty Ltd |            |              |  |                 |
| <b>TP/ 8 R2</b> Carnarvon Basin            | Blocks: 16 | Sq Km: 1 239 |  | 14-Nov-2004     |
| Cyad                                       |            |              |  |                 |
| Apache Harriet Pty Ltd                     |            |              |  |                 |
| Apache Lowendal Pty Ltd                    |            |              |  |                 |
| Apache Miladin Pty Ltd                     |            |              |  |                 |
| Apache Nasmah Pty Ltd                      |            |              |  |                 |
| <b>TP/ 9 R2</b> Carnarvon Basin            | Blocks: 3  | Sq Km: 387   |  | 09-Jul-2006     |
| Apache Northwest Pty Ltd*                  |            | 100.00       |  | Renewal Pending |
| <b>TP/15</b> Perth Basin                   | Blocks: 47 | Sq Km: 3 902 |  | 21-Apr-2004     |
| AWE (Perth Basin) Ltd*                     |            |              |  |                 |
| Arc Energy NL                              |            |              |  |                 |
| Bounty Oil & Gas NL                        |            |              |  |                 |
| Hardman Oil and Gas Pty Ltd                |            |              |  |                 |
| <b>TP/17</b> Carnarvon Basin               | Blocks: 6  | Sq Km: 498   |  | 25-Jun-2004     |
| Strike Oil NL*                             |            |              |  |                 |
| <b>TP/18</b> Carnarvon Basin               | Blocks: 1  | Sq Km: 70    |  | 11-Oct-2007     |
| Strike Oil NL*                             |            |              |  |                 |
| TAP Oil Limited                            |            |              |  |                 |
| <b>TP/19</b> Carnarvon Basin               | Blocks: 5  |              |  | 20-Mar-2008     |
| Strike Oil NL                              |            |              |  |                 |
| <b>TP/20</b> Carnarvon Basin               | Blocks: 1  |              |  | 02-Apr-2008     |
| TAP (SHELFAL) Pty Ltd                      |            |              |  |                 |
| <b>TP/21</b> Carnarvon Basin               | Blocks: 4  |              |  | 02-Apr-2008     |
| Icon Energy Ltd                            |            |              |  |                 |
| Rawson Resources NL                        |            |              |  |                 |
| Rough Range Oil Pty Ltd                    |            |              |  |                 |
| <b>EP 325 R2</b> Carnarvon Basin           | Blocks: 21 | Sq Km: 1 626 |  | 03-Aug-2004     |
| Victoria Petroleum NL*                     |            |              |  |                 |
| Amity Oil NL                               |            |              |  |                 |
| Geary, John Kevin                          |            |              |  |                 |
| Hughes, Dan Allen                          |            |              |  |                 |
| Hughes, Dudley Joe                         |            |              |  |                 |
| Santos Offshore Pty Ltd                    |            |              |  |                 |
| Springfield Oil & Gas Ltd                  |            |              |  |                 |
| Sun Resources NL                           |            |              |  |                 |
| <b>EP 341 R2</b> Carnarvon Basin           | Blocks: 16 | Sq Km: 1 239 |  | 22-May-2005     |
| TAP (SHELFAL) Pty Ltd*                     |            |              |  |                 |
| Apache Northwest Pty Ltd                   |            |              |  |                 |
| <b>EP 342 R2</b> Carnarvon Basin           | Blocks: 7  | Sq Km: 1 084 |  | 19-Apr-2005     |
| Apache Northwest Pty Ltd*                  |            |              |  |                 |
| <b>EP 395 R1</b> Carnarvon Basin           | Blocks: 3  | Sq Km: 232   |  | 11-Feb-2007     |
| TAP (SHELFAL) Pty Ltd*                     |            |              |  |                 |
| Apache Northwest Pty Ltd                   |            |              |  |                 |
| First Australian Resources Limited         |            |              |  |                 |
| Goodrich Petroleum Company                 |            |              |  |                 |
| Sun Resources NL                           |            |              |  |                 |
| <b>EP 397</b> Carnarvon Basin              | Blocks: 2  | Sq Km: 135   |  | 13-Jun-2003     |
| TAP (SHELFAL) Pty Ltd*                     |            |              |  |                 |
| First Australian Resources NL              |            |              |  |                 |
| Goodrich Petroleum Company                 |            |              |  |                 |
| Tubridgi Petroleum Pty Ltd                 |            |              |  |                 |
| <b>EP 403 R1</b> Carnarvon Basin           | Blocks: 4  | Sq Km: 270   |  | 10-Dec-2007     |
| Apache Northwest Pty Ltd*                  |            |              |  |                 |
| TAP (SHELFAL) Pty Ltd                      |            |              |  |                 |
| <b>EP 406</b> Carnarvon Basin              | Blocks: 66 | Sq Km: 5 111 |  | 28-Nov-2002     |
| Euro Pacific Energy Pty Ltd*               |            |              |  |                 |
| Victoria Diamond Exploration Pty Ltd       |            |              |  |                 |
| <b>EP 409</b> Carnarvon Basin              | Blocks: 2  | Sq Km: 155   |  | 21-Sep-2003     |
| Apache Oil Australia Pty Ltd*              |            |              |  |                 |
| Apache Northwest Pty Ltd                   |            |              |  |                 |
| Kufpec Australia Pty Ltd                   |            |              |  |                 |
| OMV Barrow Pty Ltd                         |            |              |  |                 |
| Tap (Harriet) Pty Ltd                      |            |              |  |                 |
| <b>EP 420</b> Carnarvon Basin              | Blocks: 1  | Sq Km: 12    |  | 11-Oct-2007     |
| TAP Oil Limited*                           |            |              |  |                 |
| Strike Oil NL                              |            |              |  |                 |
| <b>EP 421</b> Carnarvon Basin              | Blocks: 8  |              |  | 20-Mar-2008     |
| Strike Oil NL*                             |            | 100.00       |  |                 |
| <b>EP 423</b> Carnarvon Basin              | Blocks: 6  |              |  | 02-Apr-2008     |
| Rawson Resources NL*                       |            |              |  |                 |
| Eagle Bay Resources NL                     |            |              |  |                 |
| Icon Energy Ltd                            |            |              |  |                 |
| Rough Range Oil Pty Ltd                    |            |              |  |                 |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title   |           |             |             |  |
|---|-----------|-------------|-------------|--|
| <b>Accumulation</b>                               |           |             |             |  |
| Company (Operator*)                               | Equity    | Expiry Date |             |  |
| <b>Production Licence</b>                         |           |             |             |  |
| <b>Legislation Group: PSLA</b> Sq km approximate  |           |             |             |  |
| <b>WA-1-L R1</b> Carnarvon Basin                  | Blocks: 5 | Sq Km: 415  | 29-Sep-2001 |  |
| Woodside Energy Ltd*                              |           | 23.33       |             |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd |           | 15.00       |             |  |
| BP Developments Australia Pty Ltd                 |           | 16.67       |             |  |
| Chevron Texaco Aust Ltd                           |           | 16.67       |             |  |
| Japan Australia LNG (MIMI) Pty Ltd                |           | 13.34       |             |  |
| Shell Dev (PSC 9) P/L                             |           | 15.00       |             |  |
| <b>WA-2-L R1</b> Carnarvon Basin                  | Blocks: 4 | Sq Km: 332  | 29-Sep-2022 |  |
| Woodside Energy Ltd*                              |           | 23.33       |             |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd |           | 15.00       |             |  |
| BP Developments Australia Pty Ltd                 |           | 16.67       |             |  |
| Chevron Texaco Aust Ltd                           |           | 16.67       |             |  |
| Japan Australia LNG (MIMI) Pty Ltd                |           | 13.34       |             |  |
| Shell Development (Aust) Pty Ltd                  |           | 15.00       |             |  |
| <b>WA-3-L</b> Carnarvon Basin                     | Blocks: 5 | Sq Km: 415  | 29-Sep-2022 |  |
| <i>Angel</i>                                      |           |             |             |  |
| Woodside Energy Ltd*                              |           | 23.33       |             |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd |           | 15.00       |             |  |
| BP Developments Australia Pty Ltd                 |           | 16.67       |             |  |
| Chevron Texaco Aust Ltd                           |           | 16.67       |             |  |
| Japan Australia LNG (MIMI) Pty Ltd                |           | 13.34       |             |  |
| Radford, Roy Antony                               |           |             |             |  |
| Shell Development (Aust) Pty Ltd                  |           | 15.00       |             |  |
| <b>WA-4-L</b> Carnarvon Basin                     | Blocks: 4 | Sq Km: 332  | 29-Sep-2022 |  |
| <i>Angel</i>                                      |           |             |             |  |
| Woodside Energy Ltd*                              |           | 23.33       |             |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd |           | 15.00       |             |  |
| BP Developments Australia Pty Ltd                 |           | 16.67       |             |  |
| Chevron Texaco Aust Ltd                           |           | 16.67       |             |  |
| Japan Australia LNG (MIMI) Pty Ltd                |           | 13.34       |             |  |
| Shell Development (Australia) Pty Ltd             |           | 15.00       |             |  |
| <b>WA-5-L R1</b> Carnarvon Basin                  | Blocks: 5 | Sq Km: 415  | 29-Sep-2022 |  |
| Woodside Energy Ltd*                              |           | 23.33       |             |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd |           | 15.00       |             |  |
| BP Developments Australia Pty Ltd                 |           | 16.67       |             |  |
| Chevron Texaco Aust Ltd                           |           | 16.67       |             |  |
| Japan Australia LNG (MIMI) Pty Ltd                |           | 13.34       |             |  |
| Shell Development (Australia) Pty Ltd             |           | 15.00       |             |  |
| <b>WA-6-L R1</b> Carnarvon Basin                  | Blocks: 4 | Sq Km: 332  | 29-Sep-2022 |  |
| Woodside Energy Ltd*                              |           | 23.33       |             |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd |           | 15.00       |             |  |
| BP Developments Australia Pty Ltd                 |           | 16.67       |             |  |
| Chevron Texaco Aust Ltd                           |           | 16.67       |             |  |
| Japan Australia LNG (MIMI) Pty Ltd                |           | 13.34       |             |  |
| Shell Development (Australia) Pty Ltd             |           | 15.00       |             |  |
| <b>WA-7-L</b> Carnarvon Basin                     | Blocks: 2 | Sq Km: 155  | 03-Feb-2009 |  |
| <i>Barrow Island</i>                              |           |             |             |  |
| Chevron Texaco Aust Ltd*                          |           | 57.14       |             |  |
| Mobil Australia Resources Company Pty Ltd         |           | 14.29       |             |  |
| Shebandowan Investments Pty Ltd                   |           | 28.57       |             |  |
| Texaco Australia Pty Ltd                          |           |             |             |  |
| <b>WA-8-L</b> Carnarvon Basin                     | Blocks: 2 | Sq Km: 166  | 16-Aug-2009 |  |
| <i>Talisman</i>                                   |           |             |             |  |
| Mobil Australia Resources Company Pty Ltd*        |           | 42.63       |             |  |
| Kufpec Australia Pty Ltd                          |           | 10.00       |             |  |
| Santos Ltd  |           | 27.37       |             |  |
| Top (Shelf Oil) P/L                               |           | 20.00       |             |  |
| <b>WA-9-L</b> Carnarvon Basin                     | Blocks: 1 | Sq Km: 83   | 11-Apr-2012 |  |
| <i>Cossack</i>                                    |           |             |             |  |
| Woodside Energy Ltd*                              |           | 16.66       |             |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd |           | 16.67       |             |  |
| BP Developments Australia Pty Ltd                 |           | 16.67       |             |  |
| Chevron Texaco Aust Ltd                           |           | 16.67       |             |  |
| Japan Australia LNG (MIMI) Pty Ltd                |           | 16.67       |             |  |
| Shell Development (Australia) Pty Ltd             |           | 16.67       |             |  |
| <b>WA-10-L</b> Carnarvon Basin                    | Blocks: 4 | Sq Km: 310  | 18-Feb-2014 |  |
| <i>Bowers, Chinoak/Scindian, Griffin</i>          |           |             |             |  |
| BHP Billiton (Australia) Pty Ltd*                 |           | 45.00       |             |  |
| Impex Alpha Ltd                                   |           | 20.00       |             |  |
| Mobil Exploration and Producing Australia Pty Ltd |           | 35.00       |             |  |
| <b>WA-11-L</b> Carnarvon Basin                    | Blocks: 2 | Sq Km: 166  | 30-Sep-2014 |  |
| <i>Wanaka</i>                                     |           |             |             |  |
| Woodside Energy Ltd*                              |           | 16.66       |             |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd |           | 16.67       |             |  |
| BP Developments Australia Pty Ltd                 |           | 16.67       |             |  |
| Chevron Texaco Aust Ltd                           |           | 16.67       |             |  |
| Japan Australia LNG (MIMI) Pty Ltd                |           | 16.67       |             |  |
| Shell Development (Australia) Pty Ltd             |           | 16.67       |             |  |

| Title   |           |             |             |  |
|---|-----------|-------------|-------------|--|
| <b>Accumulation</b>                                     |           |             |             |  |
| Company (Operator*)                                     | Equity    | Expiry Date |             |  |
| <b>WA-12-L</b> Carnarvon Basin                          | Blocks: 1 | Sq Km: 77   | 13-Feb-2015 |  |
| <i>Griffin, Ramilles</i>                                |           |             |             |  |
| BHP Billiton (Australia) Pty Ltd*                       |           | 71.43       |             |  |
| Mobil Australia Resources Company Pty Ltd               |           | 28.57       |             |  |
| <b>WA-13-L</b> Carnarvon Basin                          | Blocks: 3 | Sq Km: 232  | 18-Feb-2017 |  |
| <i>East Spar</i>  |           |             |             |  |
| Santos (BOL) Pty Ltd*                                   |           | 45.00       |             |  |
| Apache East Spar Pty Ltd                                |           | 25.00       |             |  |
| Apache Kersail Pty Ltd                                  |           | 5.00        |             |  |
| Apache Oil Australia Pty Ltd                            |           | 25.00       |             |  |
| <b>WA-14-L</b> Carnarvon Basin                          | Blocks: 3 | Sq Km: 232  | 19-Mar-2017 |  |
| <i>Wandoo</i>   |           |             |             |  |
| Mobil (Legendre) Pty Ltd*                               |           | 60.00       |             |  |
| Wandoo Petroleum Pty Ltd                                |           | 40.00       |             |  |
| <b>WA-15-L</b> Carnarvon Basin                          | Blocks: 2 | Sq Km: 155  | 25-Aug-2018 |  |
| <i>Stag</i>   |           |             |             |  |
| Santos Offshore Pty Ltd*                                |           | 54.17       |             |  |
| Apache Northwest Pty Ltd                                |           | 33.33       |             |  |
| Globex Far East   |           | 12.50       |             |  |
| <b>WA-16-L</b> Carnarvon Basin                          | Blocks: 1 | Sq Km: 83   | 11-Sep-2018 |  |
| <i>Hermes, Lambert</i>                                  |           |             |             |  |
| Woodside Energy Ltd*                                    |           | 16.67       |             |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd       |           | 16.67       |             |  |
| BP Developments Australia Pty Ltd                       |           | 16.67       |             |  |
| Chevron Texaco Aust Ltd                                 |           | 16.67       |             |  |
| Japan Australia LNG (MIMI) Pty Ltd                      |           | 16.67       |             |  |
| Shell Development (Aust) Pty Ltd                        |           | 16.67       |             |  |
| <b>WA-17-L</b> Carnarvon Basin                          | Blocks: 3 | Sq Km: 249  | 14-Jan-2020 |  |
| <i>Athena, North Rankin</i>                             |           |             |             |  |
| Mobil Australia Resources Company Pty Ltd*              |           | 50.00       |             |  |
| Phillips Oil Company Australia                          |           | 50.00       |             |  |
| <b>WA-18-L</b> Bonaparte Basin                          | Blocks: 1 | Sq Km: 83   | 12-May-2020 |  |
| <i>Laminaria</i>  |           |             |             |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd*      |           | 100.00      |             |  |
| <b>WA-19-L</b> Carnarvon Basin                          | Blocks: 2 | Sq Km: 166  | 05-Sep-2020 |  |
| <i>Buffalo</i>  |           |             |             |  |
| Nexen Petroleum Australia Pty Ltd*                      |           | 100.00      |             |  |
| <b>WA-20-L</b> Carnarvon Basin                          | Blocks: 1 | Sq Km: 83   | 15-Nov-2020 |  |
| <i>Legendre</i>   |           |             |             |  |
| Woodside Energy Ltd*                                    |           | 45.94       |             |  |
| Apache Northwest Pty Ltd                                |           | 31.50       |             |  |
| Santos Ltd  |           | 22.56       |             |  |
| <b>WA-21-L</b> Bonaparte Basin                          | Blocks: 1 | Sq Km: 83   | 25-Nov-2020 |  |
| <i>Buffalo</i>  |           |             |             |  |
| Nexen Petroleum Australia Pty Ltd*                      |           | 100.00      |             |  |
| <b>WA-22-L</b> Carnarvon Basin                          | Blocks: 1 | Sq Km: 77   | 28-Feb-2021 |  |
| <i>East Spar</i>  |           |             |             |  |
| Encana International (Australia) Pty Ltd*               |           | 40.00       |             |  |
| British Borneo Australia Ltd                            |           | 30.00       |             |  |
| Mobil Australia Resources Company Pty Ltd               |           | 20.00       |             |  |
| Tap West Pty Ltd  |           | 10.00       |             |  |
| <b>WA-23-L</b> Carnarvon Basin                          | Blocks: 1 | Sq Km: 81   | 12-Sep-2022 |  |
| <i>Echo, Yodel</i>                                      |           |             |             |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd       |           | 16.67       |             |  |
| BP Developments Australia Pty Ltd                       |           | 16.67       |             |  |
| Chevron Texaco Aust Ltd                                 |           | 16.67       |             |  |
| Japan Australia LNG (MIMI) Pty Ltd                      |           | 16.67       |             |  |
| Shell Development (Aust) Pty Ltd                        |           | 16.67       |             |  |
| Woodside Eastern Energy Pty Ltd                         |           | 16.67       |             |  |
| <b>WA-24-L</b> Carnarvon Basin                          | Blocks: 1 | Sq Km: 81   | 12-Sep-2022 |  |
| <i>Rankin</i>   |           |             |             |  |
| Shell Development (Aust) Pty Ltd*                       |           | 16.67       |             |  |
| BHP Petroleum (North West Shelf) Pty Ltd                |           | 16.67       |             |  |
| BP Developments Australia Pty Ltd                       |           | 16.67       |             |  |
| Chevron Texaco Aust Ltd                                 |           | 16.67       |             |  |
| Japan Australia LNG (MIMI) Pty Ltd                      |           | 16.67       |             |  |
| Woodside Eastern Energy Pty Ltd                         |           | 16.67       |             |  |
| <b>WA-25-L</b> Carnarvon Basin                          | Blocks: 5 |             |             |  |
| AGIP Australia Ltd*                                     |           | 65.00       |             |  |
| Mobil Australia Resources Company Pty Ltd               |           | 20.00       |             |  |
| Tap West Pty Ltd  |           | 15.00       |             |  |
| <b>Legislation Group: Territorial</b> Sq km approximate |           |             |             |  |
| <b>TL/1</b> Carnarvon Basin                             | Blocks: 5 | Sq Km: 387  | 06-Nov-2006 |  |
| <i>Bambra, Harriet, Ulidia</i>                          |           |             |             |  |
| Apache Northwest Pty Ltd*                               |           |             |             |  |
| Apache Lowendal Pty Ltd                                 |           |             |             |  |
| Apache Miladin Pty Ltd                                  |           |             |             |  |
| Apache Nasmah Pty Ltd                                   |           |             |             |  |
| <b>TL/2</b> Carnarvon Basin                             | Blocks: 5 | Sq Km: 387  | 25-Nov-2008 |  |
| <i>Cherul, North Herald, South Pepper</i>               |           |             |             |  |
| Ampolex (PPL) Pty Ltd                                   |           |             |             |  |
| Apache Oil Australia Pty Ltd                            |           |             |             |  |
| Pan Pacific Petroleum (South Aust) Pty Ltd              |           |             |             |  |
| Santos (BOL) Pty Ltd                                    |           |             |             |  |

# KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title  |                 |            |             |             |
|--|-----------------|------------|-------------|-------------|
| <b>Accumulation</b>                                |                 |            |             |             |
| Company (Operator*)                                |                 | Equity     | Expiry Date |             |
| <b>TL/3</b>  | Carnarvon Basin | Blocks: 7  | Sq Km: 542  | 03-Feb-2009 |
| <i>Barrow Island</i>                               |                 |            |             |             |
| Chevron Texaco Aust Ltd*                           |                 |            |             |             |
| Mobil Australia Resources Company Pty Ltd          |                 |            |             |             |
| Santos offshore Pty Ltd                            |                 |            |             |             |
| Texaco Australia Pty Ltd                           |                 |            |             |             |
| <b>TL/4</b>  | Carnarvon Basin | Blocks: 4  | Sq Km: 310  | 14-Nov-2010 |
| <i>Cowle, Saladin</i>                              |                 |            |             |             |
| Chevron Texaco Aust Ltd*                           |                 |            |             |             |
| Mobil Australia Resources Company Pty Ltd          |                 |            |             |             |
| Santos offshore Pty Ltd                            |                 |            |             |             |
| TAP (SHELFAL) Pty Ltd                              |                 |            |             |             |
| Texaco Australia Pty Ltd                           |                 |            |             |             |
| <b>TL/5</b>  | Carnarvon Basin | Blocks: 3  | Sq Km: 232  | 03-Nov-2012 |
| <i>Campbell, Orpheus, Sinbad</i>                   |                 |            |             |             |
| Apache Harriet Pty Ltd                             |                 |            |             |             |
| Apache Lowendal Pty Ltd                            |                 |            |             |             |
| Apache Miladin Pty Ltd                             |                 |            |             |             |
| Apache Nasmah Pty Ltd                              |                 |            |             |             |
| <b>TL/6</b>  | Carnarvon Basin |            | Sq Km: 321  | 03-Nov-2012 |
| <i>Agincourt, Alkimos, Rosette</i>                 |                 |            |             |             |
| Apache Harriet Pty Ltd                             |                 |            |             |             |
| Apache Lowendal Pty Ltd                            |                 |            |             |             |
| Apache Miladin Pty Ltd                             |                 |            |             |             |
| Apache Nasmah Pty Ltd                              |                 |            |             |             |
| <b>TL/7</b>  | Carnarvon Basin | Blocks: 2  | Sq Km: 155  | 15-Dec-2014 |
| <i>Roller, Skate</i>                               |                 |            |             |             |
| Chevron Texaco Aust Ltd*                           |                 |            |             |             |
| Mobil Australia Resources Company Pty Ltd          |                 |            |             |             |
| Santos offshore Pty Ltd                            |                 |            |             |             |
| Texaco Australia Pty Ltd                           |                 |            |             |             |
| <b>TL/8</b>  | Carnarvon Basin | Blocks: 4  | Sq Km: 310  | 20-Sep-2019 |
| <i>Wonnich</i>                                     |                 |            |             |             |
| Apache Harriet Pty Ltd                             |                 |            |             |             |
| Apache Lowendal Pty Ltd                            |                 |            |             |             |
| Apache Miladin Pty Ltd                             |                 |            |             |             |
| Apache Nasmah Pty Ltd                              |                 |            |             |             |
| Shell Development (Aust) Pty Ltd                   |                 |            |             |             |
| Woodside Energy Ltd                                |                 |            |             |             |
| <b>TL/9</b>  | Carnarvon Basin | Blocks: 1  |             | 28-Nov-2023 |
| Apache Harriet Pty Ltd                             |                 |            |             |             |
| Apache Lowendal Pty Ltd                            |                 |            |             |             |
| Apache Miladin Pty Ltd                             |                 |            |             |             |
| Apache Nasmah Pty Ltd                              |                 |            |             |             |
| <b>L 12</b>  | Carnarvon Basin | Blocks: 1  |             | 28-Jul-2023 |
| Chevron Texaco Aust Ltd                            |                 |            |             |             |
| Mobil Australia Resources Company Pty Ltd          |                 |            |             |             |
| Santos Offshore Pty Ltd                            |                 |            |             |             |
| Texaco Australia Pty Ltd                           |                 |            |             |             |
| <b>L 13</b>  | Carnarvon Basin | Blocks: 1  |             | 28-Jul-2023 |
| Chevron Texaco Aust Ltd                            |                 |            |             |             |
| Mobil Australia Resources Company Pty Ltd          |                 |            |             |             |
| Santos Offshore Pty Ltd                            |                 |            |             |             |
| Texaco Australia Pty Ltd                           |                 |            |             |             |
| <b>Retention Lease</b>                             |                 |            |             |             |
| <b>Legislation Group: PSLA</b>                     |                 |            |             |             |
| Sq km approximate                                  |                 |            |             |             |
| <b>WA-1-R R2</b>                                   | Carnarvon Basin | Blocks: 9  | Sq Km: 727  | 03-Aug-2004 |
| <i>Scarborough</i>                                 |                 |            |             |             |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd* |                 |            |             |             |
| Esso Australia Resources Ltd                       |                 |            |             |             |
| <b>WA-2-R R1</b>                                   | Carnarvon Basin | Blocks: 10 | Sq Km: 830  | 08-Jun-2002 |
| <i>Gorgon</i>                                      |                 |            |             |             |
| Chevron Texaco Aust Ltd*                           |                 |            |             |             |
| Mobil Australia Resources Company Pty Ltd          |                 |            |             |             |
| Shell Development (Australia) Pty Ltd              |                 |            |             |             |
| <b>WA-3-R R1</b>                                   | Carnarvon Basin | Blocks: 1  | Sq Km: 83   | 08-Jun-2002 |
| <i>Gorgon</i>                                      |                 |            |             |             |
| Chevron Texaco Aust Ltd*                           |                 |            |             |             |
| Mobil Australia Resources Company Pty Ltd          |                 |            |             |             |
| Shell Development (Australia) Pty Ltd              |                 |            |             |             |
| <b>WA-4-R R1</b>                                   | Carnarvon Basin | Blocks: 2  | Sq Km: 166  | 06-Aug-2002 |
| <i>Spar</i>  |                 |            |             |             |
| Chevron Texaco Aust Ltd*                           |                 |            |             |             |
| Mobil Australia Resources Company Pty Ltd          |                 |            |             |             |
| Shell Development (Australia) Pty Ltd              |                 |            |             |             |
| Texaco Australia Pty Ltd                           |                 |            |             |             |
| <b>WA-5-R R1</b>                                   | Carnarvon Basin | Blocks: 3  | Sq Km: 249  | 08-Jun-2002 |
| <i>West Tyal Rocks</i>                             |                 |            |             |             |
| Chevron Texaco Aust Ltd*                           |                 |            |             |             |
| Mobil Australia Resources Company Pty Ltd          |                 |            |             |             |
| Shell Development (Australia) Pty Ltd              |                 |            |             |             |
| Texaco Australia Pty Ltd                           |                 |            |             |             |

| Title   |                 |            |             |             |
|---|-----------------|------------|-------------|-------------|
| <b>Accumulation</b>                               |                 |            |             |             |
| Company (Operator*)                               |                 | Equity     | Expiry Date |             |
| <b>WA-6-R</b>                                     | Bonaparte Basin | Blocks: 10 | Sq Km: 830  | 31-Jan-2005 |
| <i>Petrel</i>                                     |                 |            |             |             |
| Bonaparte Gas & Oil Pty Ltd*                      |                 |            |             |             |
| Alliance Minerals Australia NL                    |                 |            |             |             |
| Origin Energy Bonaparte Pty Ltd                   |                 |            |             |             |
| Santos Ltd  |                 |            |             |             |
| Santos Offshore Pty Ltd                           |                 |            |             |             |
| <b>WA-7-R R1</b>                                  | Carnarvon Basin | Blocks: 3  | Sq Km: 249  | 08-Nov-2005 |
| <i>Wilcox</i>                                     |                 |            |             |             |
| Woodside Energy Ltd*                              |                 |            |             |             |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd |                 |            |             |             |
| BP Developments Australia Pty Ltd                 |                 |            |             |             |
| Chevron Texaco Aust Ltd                           |                 |            |             |             |
| Japan Australia LNG (MIMI) Pty Ltd                |                 |            |             |             |
| Shell Development (Australia) Pty Ltd             |                 |            |             |             |
| <b>WA-9-R R1</b>                                  | Carnarvon Basin | Blocks: 1  | Sq Km: 83   | 05-Aug-2007 |
| <i>Dixon</i>                                      |                 |            |             |             |
| Woodside Energy Ltd*                              |                 |            |             |             |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd |                 |            |             |             |
| BP Developments Australia Pty Ltd                 |                 |            |             |             |
| Chevron Texaco Aust Ltd                           |                 |            |             |             |
| Japan Australia LNG (MIMI) Pty Ltd                |                 |            |             |             |
| Shell Development (Australia) Pty Ltd             |                 |            |             |             |
| <b>WA-10-R R1</b>                                 | Carnarvon Basin | Blocks: 2  | Sq Km: 166  | 11-Jul-2007 |
| <i>Montague</i>                                   |                 |            |             |             |
| Woodside Energy Ltd*                              |                 |            |             |             |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd |                 |            |             |             |
| BP Developments Australia Pty Ltd                 |                 |            |             |             |
| Chevron Texaco Aust Ltd                           |                 |            |             |             |
| Japan Australia LNG (MIMI) Pty Ltd                |                 |            |             |             |
| Shell Development (Australia) Pty Ltd             |                 |            |             |             |
| <b>WA-12-R</b>                                    | Carnarvon Basin | Blocks: 5  | Sq Km: 415  | 12-Oct-2003 |
| <i>Macedon/Pyrenee</i>                            |                 |            |             |             |
| BHP Billiton (Australia) Pty Ltd*                 |                 |            |             |             |
| Mobil Australia Resources Company Pty Ltd         |                 |            |             |             |
| <b>WA-13-R</b>                                    | Bonaparte Basin | Blocks: 2  | Sq Km: 134  | 18-Oct-2005 |
| <i>Turtle</i>                                     |                 |            |             |             |
| OMV Timor Sea Pty Ltd*                            |                 |            |             |             |
| Basin Oil NL                                      |                 |            |             |             |
| Frontier Exploration Ltd                          |                 |            |             |             |
| OMV Petroleum Pty Ltd                             |                 |            |             |             |
| <b>WA-14-R</b>                                    | Carnarvon Basin | Blocks: 1  | Sq Km: 81   | 08-Nov-2005 |
| <i>Chrysaor</i>                                   |                 |            |             |             |
| Chevron Texaco Aust Ltd*                          |                 |            |             |             |
| Mobil Australia Resources Company Pty Ltd         |                 |            |             |             |
| Shell Development (Australia) Pty Ltd             |                 |            |             |             |
| <b>WA-15-R</b>                                    | Carnarvon Basin | Blocks: 4  | Sq Km: 322  | 19-Apr-2006 |
| <i>Chrysaor</i>                                   |                 |            |             |             |
| Chevron Texaco Aust Ltd*                          |                 |            |             |             |
| <b>WA-16-R</b>                                    | Carnarvon Basin | Blocks: 2  |             | 22-Aug-2007 |
| <i>Iago</i>                                       |                 |            |             |             |
| Chevron Texaco Aust Ltd*                          |                 |            |             |             |
| Mobil Australia Resources Company Pty Ltd         |                 |            |             |             |
| Shell Development (Australia) Pty Ltd             |                 |            |             |             |
| Texaco Australia Pty Ltd                          |                 |            |             |             |
| <b>WA-17-R</b>                                    | Carnarvon Basin | Blocks: 2  |             | 01-Oct-2007 |
| <i>Iago</i>                                       |                 |            |             |             |
| Texaco Australia Pty Ltd*                         |                 |            |             |             |
| Chevron Texaco Aust Ltd                           |                 |            |             |             |
| <b>WA-18-R</b>                                    | Carnarvon Basin | Blocks: 27 |             | 29-Oct-2007 |
| <i>Jansz</i>                                      |                 |            |             |             |
| Mobil Explor and Prod Aust P/L*                   |                 |            |             |             |
| Texaco Australia Pty Ltd                          |                 |            |             |             |
| <b>Legislation Group: Territorial</b>             |                 |            |             |             |
| Sq km approximate                                 |                 |            |             |             |
| <b>TR/1</b>                                       | Carnarvon Basin | Blocks: 2  | Sq Km: 160  | 31-Jan-2004 |
| <i>Errol</i>                                      |                 |            |             |             |
| Apache Northwest Pty Ltd*                         |                 |            |             |             |
| Apache Harriet Pty Ltd                            |                 |            |             |             |
| Apache Lowendal Pty Ltd                           |                 |            |             |             |
| Apache Miladin Pty Ltd                            |                 |            |             |             |
| Apache Nasmah Pty Ltd                             |                 |            |             |             |
| Kufpec Australia Pty Ltd                          |                 |            |             |             |
| Tap (Harriet) Pty Ltd                             |                 |            |             |             |
| <b>TR/2</b>                                       | Carnarvon Basin | Blocks: 1  | Sq Km: 80   | 31-Jan-2004 |
| Apache Northwest Pty Ltd*                         |                 |            |             |             |
| Apache Harriet Pty Ltd                            |                 |            |             |             |
| Apache Lowendal Pty Ltd                           |                 |            |             |             |
| Apache Miladin Pty Ltd                            |                 |            |             |             |
| Apache Nasmah Pty Ltd                             |                 |            |             |             |
| Kufpec Australia Pty Ltd                          |                 |            |             |             |
| Tap (Harriet) Pty Ltd                             |                 |            |             |             |
| <b>TR/3</b>                                       | Carnarvon Basin | Blocks: 2  | Sq Km: 30   | 19-Nov-2006 |
| <i>Blenathra</i>                                  |                 |            |             |             |
| Apache Northwest Pty Ltd*                         |                 |            |             |             |

# KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                     |           |             |  |
|---|-----------|-------------|--|
| <b>Accumulation</b>                       |           |             |  |
| Company (Operator*)                       | Equity    | Expiry Date |  |
| <b>TR/4</b> Carnarvon Basin               | Blocks: 1 | 28-Jul-2007 |  |
| <i>Koolinda</i>                           |           |             |  |
| Chevron Texaco Aust Ltd*                  |           |             |  |
| Mobil Australia Resources Company Pty Ltd |           |             |  |
| Santos Offshore Pty Ltd                   |           |             |  |
| Texaco Australia Pty Ltd                  |           |             |  |

## Northern Territory

### Onshore

#### Exploration Permit

| Legislation Group: Territorial                   |             |               |             | Sq km approximate |
|--|-------------|---------------|-------------|-------------------|
| <b>EP 66</b> Bonaparte Basin                     | Blocks: 11  | Sq Km: 9 547  | 30-Sep-2004 |                   |
| <i>Spiriti Hill</i>                              |             |               |             |                   |
| Amity Oil NL*                                    |             |               |             |                   |
| Bonaparte Gas & Oil Pty Ltd                      |             |               |             |                   |
| Frontier Bonaparte Pty Ltd                       |             |               |             |                   |
| Geopetro Resources Company                       |             |               |             |                   |
| <b>EP 69</b> Amadeus Basin                       | Blocks: 18  | Sq Km: 1 394  | 12-Jul-2006 |                   |
| IOR Exploration (NT) Pty Ltd*                    |             |               |             |                   |
| Innovative Technological Geo-Exploration Pty Ltd |             |               |             |                   |
| Moroil Pty Ltd                                   |             |               |             |                   |
| <b>EP 76</b> Georgina Basin                      | Blocks: 61  | Sq Km: 4 986  | 07-Mar-2006 |                   |
| Sweetpea Corporation Pty Ltd*                    |             |               |             |                   |
| <b>EP 97</b> Eromanga Basin                      | Blocks: 147 | Sq Km: 11 377 | 20-Oct-2006 |                   |
| Rawson Resources NL*                             |             |               |             |                   |

#### Production Licence

| Legislation Group: Territorial        |  |            |             | Sq km approximate |
|---------------------------------------|--|------------|-------------|-------------------|
| <b>L3</b> Amadeus Basin               |  | Sq Km: 616 | 08-Nov-2003 |                   |
| <i>Palm Valley</i>                    |  |            |             |                   |
| Magellan Petroleum (NT) Pty Ltd*      |  |            |             |                   |
| Canso Resources Ltd                   |  |            |             |                   |
| Farmout Drillers Pty Ltd              |  |            |             |                   |
| Santos Exploration Pty Ltd            |  |            |             |                   |
| Santos Ltd                            |  |            |             |                   |
| <b>L4</b> Amadeus Basin               |  | Sq Km: 123 | 17-Nov-2023 |                   |
| <i>Merenie</i>                        |  |            |             |                   |
| Santos Exploration Pty Ltd*           |  |            |             |                   |
| Canso Resources Ltd                   |  |            |             |                   |
| Farmout Drillers Pty Ltd              |  |            |             |                   |
| Magellan Petroleum (NT) Pty Ltd       |  |            |             |                   |
| Moonie Oil Pty Ltd                    |  |            |             |                   |
| Petromin NL                           |  |            |             |                   |
| Transoil (NT) Pty Ltd                 |  |            |             |                   |
| United Oil & Gas Company (NT) Pty Ltd |  |            |             |                   |
| <b>L5</b> Amadeus Basin               |  | Sq Km: 158 | 17-Nov-2023 |                   |
| <i>Merenie</i>                        |  |            |             |                   |
| Santos Exploration Pty Ltd*           |  |            |             |                   |
| Canso Resources Ltd                   |  |            |             |                   |
| Farmout Drillers Pty Ltd              |  |            |             |                   |
| Magellan Petroleum (NT) Pty Ltd       |  |            |             |                   |
| Moonie Oil Pty Ltd                    |  |            |             |                   |
| Petromin NL                           |  |            |             |                   |
| Transoil (NT) Pty Ltd                 |  |            |             |                   |
| United Oil & Gas Company (NT) Pty Ltd |  |            |             |                   |

#### Retention Lease

| Legislation Group: Territorial   |           |            |             | Sq km approximate |
|----------------------------------|-----------|------------|-------------|-------------------|
| <b>RL 1</b> Bonaparte Basin      | Blocks: 2 | Sq Km: 166 | 03-Jun-2006 |                   |
| <i>Weaber</i>                    |           |            |             |                   |
| Amity Oil NL*                    |           |            |             |                   |
| Bonaparte Gulf Oil & Gas Pty Ltd |           |            |             |                   |
| Frontier Bonaparte Pty Ltd       |           |            |             |                   |
| <b>RL 2</b> Amadeus Basin        | Blocks: 6 | Sq Km: 465 | 26-Oct-2003 |                   |
| <i>Dingo</i>                     |           |            |             |                   |
| Santos Ltd*                      |           |            |             |                   |
| Canso Resources Ltd              |           |            |             |                   |
| Farmout Drillers Pty Ltd         |           |            |             |                   |
| Magellan Petroleum (NT) Pty Ltd  |           |            |             |                   |
| Moonie Oil Pty Ltd               |           |            |             |                   |
| Petromin Pty Ltd                 |           |            |             |                   |
| Santos Exploration Pty Ltd       |           |            |             |                   |
| Transoil Pty Ltd                 |           |            |             |                   |

### Offshore

#### Exploration Permit

| Legislation Group: PSLA           |            |               |             | Sq km approximate |
|-----------------------------------|------------|---------------|-------------|-------------------|
| <b>NT/P48</b> Bonaparte Basin     | Blocks: 74 | Sq Km: 12 369 | 02-Jun-2007 |                   |
| <i>Evans Shoal</i>                |            |               |             |                   |
| Shell Development (Aust) Pty Ltd* |            |               |             |                   |
| Osaka Gas Australia Pty Ltd       |            |               |             |                   |
| Santos (NGA) P/L                  |            |               |             |                   |

| Title                                  |             |              |             |
|--|-------------|--------------|-------------|
| <b>Accumulation</b>                    |             |              |             |
| Company (Operator*)                    | Equity      | Expiry Date  |             |
| <b>NT/P49</b> Bonaparte Basin          | Blocks: 110 | Sq Km: 9 131 | 14-May-2003 |
| <i>Lynadob</i>                         |             |              |             |
| Shell Development (Australia) Pty Ltd* |             |              |             |
| Woodside Energy Ltd                    |             |              |             |
| <b>NT/P55</b> Bonaparte Basin          | Blocks: 3   | Sq Km: 7 720 | 18-Jan-2005 |
| <i>Sunrise</i>                         |             |              |             |
| Woodside Energy Ltd*                   |             |              |             |
| Osaka Gas Australia Pty Ltd            |             |              |             |
| Phillips STL Pty Ltd                   |             |              |             |
| Shell Development (Australia) Pty Ltd  |             |              |             |
| <b>NT/P57</b> Bonaparte Basin          | Blocks: 51  | Sq Km: 4 234 | 18-Jan-2005 |
| Woodside Energy Ltd*                   |             |              |             |
| AGIP Australia Ltd                     |             |              |             |
| <b>NT/P58</b> Money Shoal Basin        | Blocks: 102 | Sq Km: 8 467 | 16-Aug-2005 |
| Nexen Petroleum Australia Pty Ltd*     |             |              |             |
| <b>NT/P59</b> Money Shoal Basin        | Blocks: 100 | Sq Km: 8 301 | 16-Aug-2005 |
| Nexen Petroleum Australia Pty Ltd*     |             |              |             |
| <b>NT/P60</b> Money Shoal Basin        | Blocks: 112 | Sq Km: 9 298 | 16-Aug-2005 |
| TSP Arafura Petroleum Pty Ltd*         |             |              |             |
| Oz-Exoil NL                            |             |              |             |
| <b>NT/P61</b> Bonaparte Basin          | Blocks: 63  | Sq Km: 5 299 | 13-Nov-2007 |
| Santos offshore Pty Ltd*               |             |              |             |
| <b>NT/P62</b> Bonaparte Basin          | Blocks: 56  |              | 19-Sep-2008 |
| National Oil & Gas PL*                 |             |              |             |
| Australian Natural Gas PL              |             |              |             |
| Nations Natural Gas PL                 |             |              |             |
| <b>NT/P63</b> Bonaparte Basin          | Blocks: 37  |              | 19-Sep-2008 |
| National Oil & Gas PL*                 |             |              |             |
| Australian Natural Gas PL              |             |              |             |
| Nations Natural Gas PL                 |             |              |             |
| <b>NT/P64</b> Bonaparte Basin          | Blocks: 50  |              | 19-Sep-2008 |
| <i>Bonaparte</i>                       |             |              |             |
| National Oil & Gas PL*                 |             |              |             |
| Australian Natural Gas PL              |             |              |             |
| Nations Natural Gas PL                 |             |              |             |

#### Retention Lease

| Legislation Group: PSLA               |            |              |             | Sq km approximate |
|---------------------------------------|------------|--------------|-------------|-------------------|
| <b>NT/RL1</b> Bonaparte Basin         | Blocks: 9  | Sq Km: 747   | 31-Jan-2005 |                   |
| <i>Petrel</i>                         |            |              |             |                   |
| Santos Ltd*                           |            |              |             |                   |
| Bonaparte Gas & Oil Pty Ltd           |            |              |             |                   |
| Origin Energy Bonaparte Pty Ltd       |            |              |             |                   |
| Santos Offshore Pty Ltd               |            |              |             |                   |
| <b>NT/RL2</b> Bonaparte Basin         | Blocks: 22 | Sq Km: 1 826 | 16-Jan-2007 |                   |
| <i>Sunrise, Troubadour</i>            |            |              |             |                   |
| Woodside Energy Ltd*                  |            |              |             |                   |
| Osaka Gas Australia Pty Ltd           |            |              |             |                   |
| Phillips STL Pty Ltd                  |            |              |             |                   |
| Shell Development (Australia) Pty Ltd |            |              |             |                   |
| <b>NT/RL3</b> Bonaparte Basin         | Blocks: 1  | Sq Km: 67    | 18-Mar-2006 |                   |
| <i>Barnett</i>                        |            |              |             |                   |
| Frontier Bonaparte Pty Ltd*           |            |              |             |                   |
| OMV Timor Sea Pty Ltd*                |            |              |             |                   |
| Basin Oil NL                          |            |              |             |                   |

## Territory of Ashmore and Cartier Islands Adjacent Area

### Offshore

#### Exploration Permit

| Legislation Group: PSLA                      |            |              |             | Sq km approximate |
|--|------------|--------------|-------------|-------------------|
| <b>AC/P4 R4</b> Bonaparte Basin              | Blocks: 24 | Sq Km: 1 992 | 13-Aug-2007 |                   |
| Woodside Energy Ltd*                         |            |              |             |                   |
| OMV Timor Sea Pty Ltd                        |            |              |             |                   |
| <b>AC/P8 R4</b> Bonaparte Basin              | Blocks: 12 | Sq Km: 996   | 07-Apr-2007 |                   |
| Woodside Energy Ltd*                         |            |              |             |                   |
| Shell Development (Australia) Pty Ltd        |            |              |             |                   |
| <b>AC/P17</b> Bonaparte Basin                | Blocks: 7  | Sq Km: 581   | 08-Jul-2007 |                   |
| <i>Audacious, Tenacious</i>                  |            |              |             |                   |
| OMV Timor Sea Pty Ltd*                       |            |              |             |                   |
| Cosmo Oil Ashmore Ltd                        |            |              |             |                   |
| Woodside Energy Ltd                          |            |              |             |                   |
| <b>AC/P18</b> Bonaparte Basin                | Blocks: 20 | Sq Km: 1 660 | 29-May-2003 |                   |
| OMV Timor Sea Pty Ltd*                       |            |              |             |                   |
| Cosmo Oil Cartier Ltd                        |            |              |             |                   |
| Newfield Australia (Ashmore Cartier) Pty Ltd |            |              |             |                   |
| Pan Canadian Petroleum Ltd                   |            |              |             |                   |
| Wandoo Petroleum Pty Ltd                     |            |              |             |                   |
| <b>AC/P19</b> Bonaparte Basin                | Blocks: 18 | Sq Km: 1 494 | 29-May-2003 |                   |
| <i>Sahul Shoals</i>                          |            |              |             |                   |
| Odyssey International Pty Ltd*               |            |              |             |                   |
| Indo-Pacific Energy Australia Ltd            |            |              |             |                   |

## KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

| Title                                    |                         |             |  |  |
|--|-------------------------|-------------|--|--|
| <b>Accumulation</b>                      |                         |             |  |  |
| Company (Operator*)                      | Equity                  | Expiry Date |  |  |
| <b>AC/P20</b> Bonaparte Basin            | Blocks: 18 Sq Km: 1 494 | 29-May-2005 |  |  |
| <i>Maple</i>                             |                         |             |  |  |
| Coastal Oil & Gas Australia 20 Pty Ltd*  | 50.00                   |             |  |  |
| Newfield Australia (Cartier) Pty Ltd     | 40.00                   |             |  |  |
| Todd Petroleum Australia Ltd             | 10.00                   |             |  |  |
| <b>AC/P21</b> Bonaparte Basin            | Blocks: 19 Sq Km: 1 577 | 29-Oct-2004 |  |  |
| <i>East Swan, Eclipse, Swan</i>          |                         |             |  |  |
| Coastal Oil & Gas Australia 21 Pty Ltd*  | 57.00                   |             |  |  |
| AGIP Australia Ltd                       | 43.00                   |             |  |  |
| <b>AC/P22</b> Bonaparte Basin            | Blocks: 22 Sq Km: 1 826 | 29-May-2005 |  |  |
| <i>Puffin</i>                            |                         |             |  |  |
| Ashmore Oil Pty Ltd*                     | 50.00                   |             |  |  |
| Westranch Holdings Pty Ltd               | 50.00                   |             |  |  |
| <b>AC/P23</b> Bonaparte Basin            | Blocks: 9 Sq Km: 4 649  | 31-Aug-2003 |  |  |
| <i>Creec, Keeling, Maret</i>             |                         |             |  |  |
| Nippon Oil Exploration (Vulcan) Pty Ltd* | 75.00                   |             |  |  |
| Timor Sea Petroleum Pty Ltd              | 25.00                   |             |  |  |
| <b>AC/P24</b> Bonaparte Basin            | Blocks: 20 Sq Km: 1 660 | 25-Feb-2004 |  |  |
| OMV Timor Sea Pty Ltd*                   | 38.47                   |             |  |  |
| Encana International (Australia) Pty Ltd | 38.46                   |             |  |  |
| Wandoo Petroleum Pty Ltd                 | 23.08                   |             |  |  |
| <b>AC/P25</b> Bonaparte Basin            | Blocks: 14 Sq Km: 1 162 | 25-Feb-2004 |  |  |
| Bounty Oil & Gas NL*                     | 100.00                  |             |  |  |
| <b>AC/P26</b> Bonaparte Basin            | Blocks: 5 Sq Km: 415    | 25-May-2005 |  |  |
| West Oil NL*                             | 50.00                   |             |  |  |
| Indo-Pacific Energy Australia Ltd        | 5.00                    |             |  |  |
| Trans-Orient Petroleum Ltd               | 45.00                   |             |  |  |
| <b>AC/P27</b> Bonaparte Basin            | Blocks: 14 Sq Km: 1 162 | 25-Jun-2005 |  |  |
| Bounty Oil & Gas NL*                     | 100.00                  |             |  |  |
| <b>AC/P28</b> Browse Basin               | Blocks: 53 Sq Km: 4 400 | 16-Sep-2005 |  |  |
| West Oil NL*                             | 100.00                  |             |  |  |
| <b>AC/P30</b> Browse Basin               | Blocks: 49 Sq Km: 4 068 | 16-Dec-2004 |  |  |
| BHP Billiton (Australia) Pty Ltd*        | 66.67                   |             |  |  |
| Encana International (Australia) Pty Ltd | 33.33                   |             |  |  |
| <b>AC/P31</b> Bonaparte Basin            | Blocks: 1 Sq Km: 83     | 11-Sep-2005 |  |  |
| Odyssey International Pty Ltd*           | 80.00                   |             |  |  |
| Indo-Pacific Energy Australia Ltd        | 20.00                   |             |  |  |
| <b>AC/P32</b> Bonaparte Basin            | Blocks: 13 Sq Km: 1 079 | 27-Feb-2007 |  |  |
| Daytona Energy Corporation*              | 18.00                   |             |  |  |
| Eagle Bay Resources NL                   | 30.00                   |             |  |  |
| West Oil NL                              | 18.00                   |             |  |  |
| Westranch Holdings Pty Ltd               | 34.00                   |             |  |  |

### Production Licence

| Company (Operator*)                               | Equity               | Expiry Date | Legislation Group: PSLA |  |
|---|----------------------|-------------|-------------------------|--|
|   |                      |             | Sq km approximate       |  |
| <b>AC/L1</b> Bonaparte Basin                      | Blocks: 4 Sq Km: 332 | 16-Jul-2006 |                         |  |
| <i>Jabiru, Pengana</i>                            |                      |             |                         |  |
| Newfield Australia (Ashmore Cartier) Pty Ltd*     | 50.00                |             |                         |  |
| Cultus Petroleum NL                               | 18.75                |             |                         |  |
| Mobil Australia Resources Company Pty Ltd         | 6.25                 |             |                         |  |
| Santos Offshore Pty Ltd                           | 10.31                |             |                         |  |
| Union Pacific Resources Inc                       | 14.69                |             |                         |  |
| <b>AC/L2</b> Bonaparte Basin                      | Blocks: 4 Sq Km: 332 | 16-Jul-2006 |                         |  |
| <i>Challis, Jabiru</i>                            |                      |             |                         |  |
| Newfield Australia (Cartier) Pty Ltd*             | 50.00                |             |                         |  |
| Cultus Petroleum NL                               | 18.75                |             |                         |  |
| Mobil Australia Resources Company Pty Ltd         | 6.25                 |             |                         |  |
| Santos Offshore Pty Ltd                           | 10.31                |             |                         |  |
| Union Pacific Resources Inc                       | 14.69                |             |                         |  |
| <b>AC/L3</b> Bonaparte Basin                      | Blocks: 9 Sq Km: 747 | 28-Jan-2009 |                         |  |
| <i>Cassini, Challis</i>                           |                      |             |                         |  |
| Newfield Australia (Cartier) Pty Ltd*             | 50.00                |             |                         |  |
| Cultus Petroleum NL                               | 14.69                |             |                         |  |
| Mobil Australia Resources Company Pty Ltd         | 6.25                 |             |                         |  |
| Santos Offshore Pty Ltd                           | 10.31                |             |                         |  |
| Union Pacific Resources Inc                       | 14.69                |             |                         |  |
| <b>AC/L5</b> Bonaparte Basin                      | Blocks: 2 Sq Km: 166 | 05-Feb-2018 |                         |  |
| <i>Corallina, Laminaria</i>                       |                      |             |                         |  |
| Woodside Energy Ltd*                              | 50.00                |             |                         |  |
| BHP Billiton Petroleum (North West Shelf) Pty Ltd | 25.00                |             |                         |  |
| Shell Development (Australia) Pty Ltd             | 25.00                |             |                         |  |

### Retention Lease

| Company (Operator*)                           | Equity               | Expiry Date | Legislation Group: PSLA |  |
|---|----------------------|-------------|-------------------------|--|
|   |                      |             | Sq km approximate       |  |
| <b>AC/RL1</b> Bonaparte Basin                 | Blocks: 1 Sq Km: 83  | 31-Jan-2005 |                         |  |
| <i>Talbot</i>                                 |                      |             |                         |  |
| West Oil NL*                                  | 100.00               |             |                         |  |
| <b>AC/RL3</b> Bonaparte Basin                 | Blocks: 3 Sq Km: 249 | 21-Feb-2007 |                         |  |
| <i>Biyara, Montara, Tabbilk</i>               |                      |             |                         |  |
| Newfield Australia (Ashmore Cartier) Pty Ltd* | 50.00                |             |                         |  |
| Coogee Resources Pty Ltd                      | 50.00                |             |                         |  |

| Title   |                         |             |                   |  |
|---|-------------------------|-------------|-------------------|--|
| <b>Accumulation</b>                               |                         |             |                   |  |
| Company (Operator*)                               | Equity                  | Expiry Date |                   |  |
| <b>Joint Petroleum Development Area</b>           |                         |             |                   |  |
| <b>Offshore</b>                                   |                         |             |                   |  |
| <b>Exploration Permit</b>                         |                         |             |                   |  |
| <b>Legislation Group: JPDA</b>                    |                         |             |                   |  |
|   |                         |             | Sq km approximate |  |
| <b>JPDA 91-01</b> Bonaparte Basin                 | Sq Km: 1 225            | 08-Jan-2002 |                   |  |
| <i>Jabal</i>                                      |                         |             |                   |  |
| Woodside Petroleum (Timor Sea 1) Pty Ltd*         | 40.00                   |             |                   |  |
| Inpex Timor Sea Ltd                               | 35.00                   |             |                   |  |
| Santos (JPDA 91-01) Pty Ltd                       | 25.00                   |             |                   |  |
| <b>JPDA 91-12</b> Bonaparte Basin                 | Sq Km: 1 470            | 06-Feb-2002 |                   |  |
| <i>Bayn, Bayn/Undan, Elang, Flamingo, Kakatua</i> |                         |             |                   |  |
| ConocoPhillips Petroleum (91-12) Pty Ltd*         | 42.42                   |             |                   |  |
| Emet Pty Ltd                                      | 1.58                    |             |                   |  |
| Inpex Sahul Ltd                                   | 21.21                   |             |                   |  |
| Petroz (Timor Sea) Pty Ltd                        | 13.37                   |             |                   |  |
| Santos (JPDA 91-12) Pty Ltd                       | 21.43                   |             |                   |  |
| <b>JPDA 91-13</b> Bonaparte Basin                 | Sq Km: 1 406            | 16-Dec-2001 |                   |  |
| <i>Bayn/Undan, Fohn</i>                           |                         |             |                   |  |
| ConocoPhillips JPDA Pty Ltd*                      | 37.50                   |             |                   |  |
| AGIP Australia 91-13 Ltd                          | 27.50                   |             |                   |  |
| ConocoPhillips (91-13) Pty Ltd                    | 12.50                   |             |                   |  |
| Phillips Petroleum Timor Sea Pty Ltd              | 22.50                   |             |                   |  |
| <b>JPDA 95-18</b> Bonaparte Basin                 | Sq Km: 2 354            | 15-Nov-2002 |                   |  |
| AGIP ZOCA 95-18 BV*                               | 100.00                  |             |                   |  |
| <b>JPDA 95-19</b> Bonaparte Basin                 | Sq Km: 2 262            | 03-Oct-2002 |                   |  |
| <i>Sunrise, Troubadour</i>                        |                         |             |                   |  |
| Woodside Petroleum (Timor Sea 19) Pty Ltd*        | 27.67                   |             |                   |  |
| ConocoPhillips (91-19) Pty Ltd                    | 30.00                   |             |                   |  |
| Osaka Gas Australia Pty Ltd                       | 10.00                   |             |                   |  |
| Shell Development (PSC 19) Pty Ltd                | 32.33                   |             |                   |  |
| <b>JPDA 96-16</b> Bonaparte Basin                 | Sq Km: 2 684            | 15-Nov-2002 |                   |  |
| ConocoPhillips (91-16) Pty Ltd*                   | 66.00                   |             |                   |  |
| NWE (ZOCA 96-16) Pty Ltd                          | 14.00                   |             |                   |  |
| ZOCA 96-16 Pty Ltd                                | 10.00                   |             |                   |  |
| ZOCA Pty Ltd                                      | 10.00                   |             |                   |  |
| <b>JPDA 96-20</b> Bonaparte Basin                 | Sq Km: 3 216            | 11-Nov-2002 |                   |  |
| <i>Sunrise</i>                                    |                         |             |                   |  |
| Woodside Petroleum (Timor Sea 20) Pty Ltd*        | 26.67                   |             |                   |  |
| ConocoPhillips Petroleum (96-20) Pty Ltd          | 30.00                   |             |                   |  |
| Osaka Gas Australia Pty Ltd                       | 10.00                   |             |                   |  |
| Shell Development (PSC 20) Pty Ltd                | 33.33                   |             |                   |  |
| <b>JPDA 00-21</b> Bonaparte Basin                 | Blocks: 37 Sq Km: 3 071 | 27-Mar-2011 |                   |  |
| Phillips Petroleum (00-21) Pty Ltd*               | 75.00                   |             |                   |  |
| AGIP  | 25.00                   |             |                   |  |

**AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS**

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

**QUEENSLAND**

**Onshore**

|    |   |  |                |           |            |                  |
|----|---|--|----------------|-----------|------------|------------------|
| 1  | Moonie to Brisbane  | Moonie Pipeline Co Pty Ltd                   | Oil            | 306       | 273        | 1964             |
| 2  | Wallumbilla (Roma) to Brisbane                                | APT Petroleum Pipelines Ltd                  | Gas            | 434       | 273        | 1969             |
| 3  | Kincora to Wallumbilla  | Oil Co of Aust Ltd                           | Gas            | 53        | 219        | 1977             |
| 4  | Silver Springs to Wallumbilla                                 | Mosaic Oil Qld Pty Ltd                       | Gas            | 102       | 219        | 1978             |
| 6  | Jackson to Moonie   | Santos Ltd                                   | Oil            | 800       | 324        | 1983/84          |
| 7  | MLIA to Wallumbilla   | Elgas Ltd                                    | Propane/Butane | 14        | 60         | 1984             |
| 8  | Tickalara to Cooroo   | Santos Ltd                                   | Oil            | 115       | 114        | 1989             |
| 9  | Kenmore to Eromanga   | IOR Energy Pty Ltd                           | Oil            | 18        | 89         | 1989             |
| 10 | Arcturus Separation Plant to PPL30                            | Oil Co of Aust Ltd                           | Gas            | 107       | 168        | 1990             |
| 11 | Central Treatment Plant to PPL30                              | Oil Co of Aust Ltd                           | Gas            | 41        | 168        | 1989             |
| 12 | Epsilon to SA Border  | Santos Ltd                                   | Gas            | 18        | 273        | 1992             |
| 13 | Qld. Gas Centre (Ballera) to Moomba (See PL5 South Australia) | Santos Ltd                                   | Gas            | 90        | 400        | 1993             |
| 14 | Patroclus to Tickalara/Cooroo Line                            | Santos Ltd                                   | Oil            | 15        | 80         | 1993             |
| 15 | PPL24 to Barcaldine   | Australian Gasfields Ltd                     | Gas            | 420       | 168        | 1994/97          |
| 16 | Judga to Munkah   | Santos Ltd                                   | Gas            | 13        | 219        | 1993             |
| 17 | Munkah to QGC   | Santos Ltd                                   | Gas            | 13.5      | 356        | 1993             |
| 18 | Yanda to QGC  | Santos Ltd                                   | Gas            | 8         | 324        | 1993             |
| 19 | Dinmore lateral   | Gas Corp of Qld                              | Gas            | 1.2       | 168        | 1993             |
| 20 | Namarah to Yarrabend  | Oil Co of Aust                               | Gas            | 45        | 168        | 1994             |
| 21 | SA border to NSW border                                       | East Australian Pipeline Ltd                 | Gas            | 56        | 864        | 1974             |
| 22 | Major to Boxleigh   | Angari Pty Ltd                               | Gas            | 16        | 89         | 1994             |
| 23 | SA border to NSW border                                       | Gorodok Pty Ltd                              | Ethane         | 38        | 219        | 1974/76          |
| 24 | Ballera to Wallumbilla (Roma)                                 | Epic Energy Qld Pty Ltd                      | Gas            | 750       | 406        | 1996             |
| 25 | PPL 30 to Boyne Island Smelter                                | Boyne Smelters Ltd                           | Methane        | 11        | 168.3      | Operational      |
| 26 | Dawson Valley to PPL 30                                       | Oil Co of Aust (Moura) Transmissions Pty Ltd | Methane        | 47        | 168.3      | na               |
| 30 | Wallumbilla (Roma) to Gladstone Gladstone to Rockhampton      | Duke Qld Pipeline Pty Ltd                    | Gas            | 530<br>97 | 324<br>219 | 1989/90<br>1991  |
| 31 | Roti to Judga   | Santos Ltd                                   | Gas            | 16        | 150        | 1996             |
| 32 | Gatton to Gympie  | Allgas Pipeline Operations Pty Ltd           | Gas            | 239       | 150        | Under construct. |
| 34 | Stokes to SA Border   | Santos Ltd                                   | Gas            | 7         | 300        | 1996             |
| 35 | Challum to Ballera Gas Centre                                 | Santos Ltd                                   | Gas            | 15        | 400        | 1996             |
| 36 | Karmona to Ballera Gas Centre                                 | Santos Ltd                                   | Gas            | 15        | 300        | 1996             |

**AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS**

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

**QUEENSLAND (cont'd)**

**Onshore (cont'd)**

|    |   |                              |     |      |             |                  |
|----|---|------------------------------|-----|------|-------------|------------------|
| 37 | Wackett to Ballera Gas Centre                                     | Santos Ltd                   | Gas | 15   | 200         | 1996             |
| 38 | Okotoko to Karmona  | Santos Ltd                   | Gas | 10   | 200         | 1996             |
| 39 | Wippo to Okotoko  | Santos Ltd                   | Gas | 10   | 200         | 1996             |
| 40 | Yawa to Munkah  | Santos Ltd                   | Gas | 5    | 150         | 1996             |
| 41 | Ballera Gas Centre to Mt Isa                                      | Roverton Pty Ltd             | Gas | 841  | 324         | 1997             |
| 42 | PPL41 to Carrington   | AGL Pipelines (Qld) Pty Ltd  | Gas | 100  | 100, 150    | 1998             |
| 45 | Bunya/Vernon/Cocos to Central Treatment Plant                     | Australian Gasfields Ltd     | Gas | 130  | 60, 90, 114 | 1998             |
| 46 | Barrolka to Ballera Gas Centre                                    | Santos Ltd                   | Gas | 70   | 250         | Operational      |
| 47 | Mt Howitt to Wippo  | Santos Limited               | Gas | 75   | 200         | Under Construct. |
| 48 | Wolgolla to Epsilon   | Santos Limited               | Gas | 16   | 250         | Under Construct. |
| 49 | Mica Creek Meter Station to Power Station                         | CS Energy Mica Creek Pty Ltd | Gas | 1.0  | 508, 114    | 1998             |
| 50 | Mica Creek Meter Station  | Roverton Pty Ltd             | Gas | 0.14 | 324         | 1998             |
| 51 | Mica Creek Meter Station to Mt Isa                                | Roverton Pty Ltd             | Gas | 6.2  | 168, 89     | 1998             |
| 53 | Central Treatment Plant to PPL41                                  | Australian Gasfields Ltd     | Gas | 42.6 | 168         | Under construct. |
| 54 | PPL41 to Phosphate Hill   | WMC Fertilizers Ltd          | Gas | 4.5  | 323         | Under construct. |
| 55 | PPL 24 to Roma Power Station                                      | Boral Energy Electric Ltd    | Gas | 14.1 | 114.3       | Operational      |
| 58 | Downlands to PPL 4  | Mosaic Oil NL                | Gas | 8.5  | 114.3       | Under Construct  |
| 62 | Karri to Wackett  | Santos Ltd                   | Gas | 17.3 | 150         | Under Construct  |
| 63 | Myall Creek gas field to Beranga South                            | Oil Co of Aust Ltd           | Gas | 16   | 88.9, 114.3 | Under Construct  |
| 64 | Baryulah to Ballera   | Santos Ltd                   | Gas | 36   | 300, 600    | Under Construct  |
| 65 | Costa Central No. 1 wellhead to Judga pipeline riser              | Santos Ltd                   | Gas | 2    | 100, 250    | Under Construct  |
| 66 | Naccowlah East No. 2 wellhead to Naccowlah East Field manifold    | Santos Ltd                   | Gas | 2.2  | 100, 150    | Under Construct  |
| 67 | Wippo South No. 1 wellhead to Wippo Field manifold at Wippo No. 1 | Santos Ltd                   | Gas | 6.2  | 100, 150    | Under Construct  |
| 68 | Wackett South manifold to Wackett pipeline riser                  | Santos Ltd                   | Gas | 7.9  | 150, 200    | Under Construct  |

## AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

### QUEENSLAND (cont'd)

#### Onshore (cont'd)

|    |  |            |     |      |          |                 |
|----|--|------------|-----|------|----------|-----------------|
| 69 | Okotoko East No. 1 wellhead to Okotoko pipeline riser    | Santos Ltd | Gas | 3.3  | 100, 150 | Under Construct |
| 70 | Wippo South No. 1 wellhead to Judga North No. 1 wellhead | Santos Ltd | Gas | 6.5  | 100, 200 | Under Construct |
| 71 | Chiron Field manifold to Stokes Field manifold           | Santos Ltd | Gas | 10.5 | 150, 250 | Under Construct |

### NEW SOUTH WALES

#### Onshore

|         |  |                                  |           |      |          |         |
|---------|--|----------------------------------|-----------|------|----------|---------|
| na      | Moomba to MW10 (loopline)              | East Australian Pipeline Ltd     | Gas       | 10   | 660      | 1984    |
| 1       | Wilton to Horsley Park                 | AGL Gas Networks Ltd             | Gas       | 51   | 864      | 1976    |
| 2       | Wilton to Wollongong                   | AGL Gas Networks Ltd             | Gas       | 33   | 508      | 1978    |
| 3       | Horsley Park to Plumpton               | AGL Gas Networks Ltd             | Gas       | 10   | 508      | 1976    |
| 4, 5, 6 | Botany Bay to Rosehill                 | Shell Oil Australia, SMP Company | Petroleum | 28   | na       | 1977    |
| 7       | Plumpton to Killingworth               | AGL Gas Networks Ltd             | Gas       | 141  | 508      | 1982    |
| 8       | Killingworth to Koragng Is             | AGL Gas Networks Ltd             | Gas       | 33   | 508, 355 | 1982    |
| 9       | Plumpton to Killingworth               | Newcastle Pipeline Company       | Petroleum | 141  | 508      | 1982    |
| 10      | Silverwater to Plumpton                | Hunter Pipeline Company          | Petroleum | 25   | na       | 1982    |
| 11      | Killingworth to Wickham                | Newcastle Pipeline Company       | Petroleum | 24   |          | 1982    |
| 12      | Botany to Clyde                        | Qenos Pty Ltd                    | Ethylene  | 28   |          | 1986    |
| 14      | Botany to Banksmeadow                  | Mobil Oil Australia              | AvTur     | 2    |          | 1992    |
| 15      | Moomba to Botany                       | Gorodok Pty Ltd                  | Ethane    | 1218 | 219      | 1997    |
| 16      | Moomba (Qld border) to Wilton (Sydney) | East Australian Pipeline Ltd     | Gas       | 1142 | 864      | 1974/76 |
| 17      | Young to Lithgow                       | East Australian Pipeline Ltd     | Gas       | 215  | 168      | 1986/87 |
| 17      | Young to Bathurst Spur                 | East Australian Pipeline Ltd     | Gas       | 2    | 114      | 1986/87 |
| 18      | Young to Oberon Spur                   | East Australian Pipeline Ltd     | Gas       | 31   | 168      | 1987/88 |
| 19      | Young to Wagga Wagga                   | East Australian Pipeline Ltd     | Gas       | 134  | 324, 89  | 1980/81 |
| 20      | Junece to Griffith/Lecton              | East Australian Pipeline Ltd     | Gas       | 183  | 168, 114 | 1993    |
| 21      | Dalton to Canberra                     | East Australian Pipeline Ltd     | Gas       | 52   | 273      | 1981    |
| 22      | Young to Orange Spur                   | East Australian Pipeline Ltd     | Gas       | 24   | 114      | 1986/87 |
| 23      | Culcairn to Wagga Wagga                | East Australian Pipeline Ltd     | Gas       | 88   | 457      | 1998    |

## AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

### NEW SOUTH WALES (cont'd)

#### Onshore (cont'd)

|    |  |  |     |     |          |                  |
|----|--|--|-----|-----|----------|------------------|
| 24 | Vic/NSW border to Culcairn (from Barnawatha) | Transmission Pipelines Australia           | Gas | 57  | 457      | Under construct. |
| 25 | Marsden to Dubbo                             | AGL Pipelines (NSW) Pty Ltd                | Gas | 255 | 168, 219 | Under construct. |
| 26 | Vic/NSW to Wilton                            | Duke Energy                                | Gas | 467 | 450      | 2000             |
| 28 | Illabo to Tumut                              | Great Southern Energy Gas Networks Pty Ltd | Gas | 64  | na       | Under construct. |

### VICTORIA

#### Onshore

|            |   |  |                |       |               |         |
|------------|---|--|----------------|-------|---------------|---------|
| 1          | Beach to Longford (Barracouta)                        | Esso Australia Resources Ltd           | Liquids or Gas | 24.7  | 450           | 1969    |
| 2          | Beach to Longford (Marlin)                            | Esso Australia Resources Ltd           | Liquids or Gas | 55.1  | 500           | 1969/70 |
| 3          | Crib Point to Dandenong                               | Crib Point Terminal Pty Ltd            | Liquids        | 36.6  | 200           | 1968    |
| 5          | Shell Newport to South Dynon Railway Yards            | The Shell Company of Australia Limited | Liquids        | 7.4   | 100           | 1968    |
| 6          | Shell Geelong to Lara Gas Plant                       | The Shell Company of Australia Limited | LPG            | 3.54  | 100           | 1968    |
| 7, 8       | Shell Geelong to Shell Newport                        | The Shell Company of Australia Limited | Liquids        | 56.4  | 200           | 1968    |
| 9          | Newport to Coode Island Terminal                      | BP Australia Ltd                       | Liquids        | 4.99  | 150           | 1968    |
| 10         | Shell Geelong to Corio Quay                           | Shell Refining (Aust) Pty Ltd          | Liquids        | 3.98  | 200           | 1968    |
| 11         | Crib Point to Dandenong (see PL172)                   | Vic Gas Distribution Pty Ltd           | Gas            | 39.1  | 300           | 1969    |
| 13         | Dandenong to Highett                                  | Multinet Gas Pty Ltd                   | Gas            | 17.9  | 300           | 1969    |
| 14         | Highett to Spencer St Bridge                          | Multinet Gas Pty Ltd                   | Gas            | 19.7  | 300           | 1969    |
| 15         | Altona to West Melbourne                              | TXU Networks (Gas) Pty Ltd             | Gas            | 13.9  | 300           | 1969    |
| 16         | Altona to Derrimut                                    | TXU Networks (Gas) Pty Ltd             | Gas            | 6.4   | 100           | 1969    |
| 17         | Derrimut to West Melbourne                            | TXU Networks (Gas) Pty Ltd             | Gas            | 15.7  | 150           | 1969    |
| 18         | Footscray to Sunshine                                 | TXU Networks (Gas) Pty Ltd             | Gas            | 12.3  | 200, 300, 400 | 1968    |
| 19         | West Footscray to Williamstown                        | TXU Networks (Gas) Pty Ltd             | Gas            | 8.8   | 400, 300, 200 | 1968    |
| 22         | Newport to Altona                                     | BP Australia Ltd                       | Liquids        | 6.1   | 200           | 1968    |
| 23, 25, 26 | Spotswood to Newport                                  | Caltex Oil (Australia) Pty Ltd         | Liquids        | 0.45  | 300, 150      | 1969    |
| 27         | Gippsland Gas Processing Plant to Cranbourne/Hastings | Esso Australia Resources Ltd           | Liquids        | 173.1 | 250           | 1968    |

## AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

### VICTORIA (cont'd)

#### Onshore (cont'd)

|         |   |                               |               |       |                        |      |
|---------|---|-------------------------------|---------------|-------|------------------------|------|
| 28      | Ringwood to Vermont                           | Multinet Gas Pty Ltd          | Gas           | 3.5   | 200                    | 1968 |
| 33      | Dandenong to Edithvale                        | Multinet Gas Pty Ltd          | Gas           | 11.6  | 150                    | 1969 |
| 34      | Cranbourne/ Hastings to Long Island Point     | Esso Australia Resources Ltd  | Liquids       | 12.4  | 250                    | 1968 |
| 35      | Dutson to Hastings                            | Esso Australia Resources Ltd  | Liquids       | 185.2 | 700                    | 1969 |
| 36      | Dandenong to West Melbourne                   | GPU Gas Net Pty Ltd           | Gas           | 37    | 200, 750               | 1969 |
| 37, 38  | Altona, Yarraville, Spotswood                 | Mobil Refining (Aust) Pty Ltd | Liquids       | 8.1   | 150                    | 1969 |
| 39      | Beach to Longford (Halibut)                   | Esso Australia Resources Ltd  | Liquids       | 55.2  | 650                    | 1969 |
| 40      | Dandenong to Templestowe                      | Multinet Gas Pty Ltd          | Gas           | 37    | 450                    | 1969 |
| 42      | Beach to Longford (Barracouta)                | Esso Australia Resources Ltd  | Liquids & Gas | 32    | 150                    | 1969 |
| 43      | Longford to Sale                              | Vic Gas Distribution Pty Ltd  | Gas           | 15    | 100                    | 1969 |
| 44      | Sale to Maffra                                | Vic Gas Distribution Pty Ltd  | Gas           | 16.5  | 100                    | 1969 |
| 46      | Long Island Point to Crib Point               | Esso Australia Resources Ltd  | Liquids       | 10.8  | 1050                   | 1969 |
| 47      | Dandenong                                     | Multinet Gas Pty Ltd          | Gas           | 3     | 150, 80                | 1969 |
| 49      | Dandenong to Frankston                        | Vic Gas Distribution Pty Ltd  | Gas           | 24    | 200                    | 1970 |
| 50      | Dandenong to Morwell with branch lines        | GPU Gas Net Pty Ltd           | Gas           | 127.2 | 450, 300, 250, 100, 80 | 1970 |
| 51      | Ringwood to Croydon                           | Multinet Gas Pty Ltd          | Gas           | 16.5  | 250                    | 1970 |
| 53      | Hastings to Altona                            | Esso Australia Resources Ltd  | Ethane        | 78.3  | 250                    | 1970 |
| 54      | Fawkner to Coburg                             | TXU Networks (Gas) Pty Ltd    | Gas           | 4.5   | 250, 150               | 1970 |
| 55      | Altona to Spotswood                           | Mobil Refining (Aust) Pty Ltd | Liquids       | 6.9   | 250, 150               | 1970 |
| 56      | Dandenong to West Melbourne with branch lines | Multinet Gas Pty Ltd          | Gas           | 43.7  | 450, 300, 200, 150     | 1970 |
| 57      | Corio/Belmont/Point Henry                     | TXU Networks (Gas) Pty Ltd    | Gas           | 24.50 | 350, 250, 200          | 1970 |
| 58 - 60 | Yarraville to Spotswood                       | BP Australia Ltd              | Liquids       | 1.58  | 300, 200               | 1970 |
| 61      | Hastings to Tyabb                             | Vic Gas Distribution Pty Ltd  | Gas           | 3.44  | 250, 150, 100          | 1970 |

## AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

### VICTORIA (cont'd)

#### Onshore (cont'd)

|         |                                     |                               |               |       |                         |      |
|---------|-------------------------------------|-------------------------------|---------------|-------|-------------------------|------|
| 62      | Tyabb to Mornington                 | Vic Gas Distribution Pty Ltd  | Gas           | 12.66 | 150                     | 1971 |
| 63      | Golden Beach to Longford (Loopline) | Esso Australia Resources Ltd  | Liquids & Gas | 28.5  | 750                     | 1971 |
| 64      | Fawkner to Craigieburn              | TXU Networks (Gas) Pty Ltd    | Gas           | 10.5  | 250, 200, 150           | 1971 |
| 65      | Tyabb/Altona/Corio                  | WAG Pipeline Pty Ltd          | Liquids       | 135.9 | 600, 450                | 1971 |
| 66      | North Melbourne to Fairfield        | Vic Gas Distribution Pty Ltd  | Gas           | 11.6  | 250, 80                 | 1971 |
| 67      | Tyers to Maryvale                   | GPU Gas Net Pty Ltd           | Gas           | 5.4   | 150                     | 1971 |
| 68      | Pakenham                            | GPU Gas Net Pty Ltd           | Gas           | 1.2   | 80                      | 1971 |
| 69 - 74 | Altona                              | Mobil Refining (Aust) Pty Ltd | Liquids       | 11.24 | 150, 200, 250, 300, 450 | 1972 |
| 75      | Longford to Dandenong               | GPU Gas Net Pty Ltd           | Gas           | 174.2 | 750                     | 1971 |
| 76      | Maidstone to Braybrook              | TXU Networks (Gas) Pty Ltd    | Gas           | 4.1   | 300                     | 1971 |
| 77      | Croydon to Mooroolbark              | Multinet Gas Pty Ltd          | Gas           | 3.4   | 250                     | 1972 |
| 78      | Brooklyn/Ballarat/Bendigo           | GPU Gas Net Pty Ltd           | Gas           | 180.1 | 200, 150, 80            | 1972 |
| 80      | North Geelong to Fyansford          | TXU Networks (Gas) Pty Ltd    | Gas           | 4.93  | 350                     | 1972 |
| 81      | Brooklyn to Corio                   | GPU Gas Net Pty Ltd           | Gas           | 50.7  | 350, 400                | 1973 |
| 82      | Sunshine to Sunshine North          | TXU Networks (Gas) Pty Ltd    | Gas           | 1.2   | 300                     | 1972 |
| 84      | Yarraville                          | TXU Networks (Gas) Pty Ltd    | Gas           | 2.78  | 100, 150, 200           | 1973 |
| 85      | Bangholme                           | Vic Gas Distribution Pty Ltd  | Gas           | 2.1   | 150                     | 1973 |
| 90      | Exford to Melton                    | TXU Networks (Gas) Pty Ltd    | Gas           | 8     | 150                     | 1974 |
| 91      | Lardner to Warragul                 | GPU Gas Net Pty Ltd           | Gas           | 4.8   | 100                     | 1974 |
| 92 - 95 | Yarraville to Spotswood             | Mobil Oil Australia Ltd       | Liquids       | 1.5   | 250, 150                | 1974 |
| 96      | Longford                            | Esso Australia Resources Ltd  | Gas           | 1.4   | 600                     | 1975 |
| 97      | Corio                               | TXU Networks (Gas) Pty Ltd    | Gas           | 0.57  | 200                     | 1975 |
| 98      | Lake Reeve                          | Esso Australia Resources Ltd  | Gas           | 1.4   | 600                     | 1975 |
| 99      | Fyansford to Waurin Ponds           | TXU Networks (Gas) Pty Ltd    | Gas & Liquids | 26.6  | 750                     | 1975 |
| 100     | Mooroolbark to Lilydale             | Multinet Gas Pty Ltd          | Gas           | 4.8   | 250                     | 1975 |

## AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

### VICTORIA (cont'd)

#### Onshore (cont'd)

|                    |                                    |   |                         |      |                        |      |
|--------------------|------------------------------------|---|-------------------------|------|------------------------|------|
| 101                | Keon Park/Wodonga/Shepparton       | GPU Gas Net Pty Ltd                     | Gas                     | 318  | 300, 200, 600          | 1975 |
| 102                | Wodonga                            | Vic Gas Distribution Pty Ltd            | Gas                     | 5    | 200                    | 1975 |
| 103                | Shepparton to Mooroopna Shepparton | Vic Gas Distribution Pty Ltd            | Gas                     | 10.3 | 200                    | 1975 |
| 107                | Clyde North                        | GPU Gas Net Pty Ltd                     | Gas                     | 2    | 100                    | 1975 |
| 108                | South Melbourne to Brooklyn        | GPU Gas Net Pty Ltd                     | Gas                     | 12.8 | 750                    | 1976 |
| 112                | Altona to West Footscray           | Huntsman Chemical Company Australia Ltd | Ethane                  | 6.5  | 250                    | 1976 |
| 113                | Brooklyn to Altona                 | TXU Networks (Gas) Pty Ltd              | Gas                     | 4.9  | 500, 300               | 1976 |
| 115                | John Lysaght, Hastings             | Vic Gas Distribution Pty Ltd            | Gas                     | 1.58 | 250                    | 1977 |
| 116                | Snapper to Valve Site 1            | Esso Australia Resources Ltd            | Gas                     | 1.3  | 600                    | 1979 |
| 117                | Rosedale to Tyers                  | GPU Gas Net Pty Ltd                     | Gas                     | 34.3 | 750                    | 1978 |
| 118                | Altona to Somerton                 | Mobil Oil Australia Ltd                 | Liquids                 | 34   | 350                    | 1978 |
| 119                | Somerton to Tullamarine            | Mobil Oil Australia Ltd                 | Liquids                 | 11   | 150                    | 1978 |
| 120                | Longford to Rosedale               | GPU Gas Net Pty Ltd                     | Gas                     | 30.5 | 750                    | 1978 |
| 121                | Tyers to Morwell                   | GPU Gas Net Pty Ltd                     | Gas                     | 15.7 | 500                    | 1978 |
| 122                | Derrimut to Sunbury                | GPU Gas Net Pty Ltd                     | Gas                     | 24   | 150                    | 1979 |
| 124                | Newport                            | GPU Gas Net Pty Ltd                     | Gas                     | 1    | 450                    | 1979 |
| 125                | Guildford to Maryborough           | GPU Gas Net Pty Ltd                     | Gas                     | 33   | 150                    | 1980 |
| 126                | Longford to Westbury               | Esso Australia Resources Ltd            | Liquids                 | 87   | 700                    | 1980 |
| 128                | Mt Franklin to Kyneton             | GPU Gas Net Pty Ltd                     | Gas                     | 24   | 300                    | 1980 |
| 129                | Dandenong to Princes Highway       | GPU Gas Net Pty Ltd                     | Gas                     | 5    | 750, 500               | 1980 |
| 130, 138, 144, 151 | Altona                             | Kemcor Olefins Ltd                      | Gas/<br>Liquids/<br>LPG | 10.7 | 300, 250, 200, 150, 80 | 1990 |
| 131                | Mt Franklin to Bendigo             | GPU Gas Net Pty Ltd                     | Gas                     | 53   | 300                    | 1980 |
| 132                | Shepparton to Tatura               | GPU Gas Net Pty Ltd                     | Gas                     | 16   | 200                    | 1981 |
| 133                | Longford Plant to Metering Station | Esso Australia Resources Ltd            | Gas                     | 1.14 | 600, 350               | 1981 |
| 134                | Ballan to Ballarat                 | GPU Gas Net Pty Ltd                     | Gas                     | 22.8 | 300                    | 1981 |
| 135                | Bunyip to Pakenham                 | GPU Gas Net Pty Ltd                     | Gas                     | 18.7 | 750                    | 1981 |
| 136                | Tatura to Kyabram                  | GPU Gas Net Pty Ltd                     | Gas                     | 21.3 | 200                    | 1982 |
| 137                | Bittern to Dromana                 | Vic Gas Distribution Pty Ltd            | Gas                     | 19   | 200                    | 1982 |
| 139                | Langwarrin to Frankston            | Vic Gas Distribution Pty Ltd            | Gas                     | 8    | 200                    | 1982 |
| 141                | Pakenham to Woolert                | GPU Gas Net Pty Ltd                     | Gas                     | 93.1 | 750                    | 1982 |
| 142                | Knox to Shire of Sherbrooke        | Multinet Gas Pty Ltd                    | Gas                     | 6    | 150                    | 1983 |

## AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

### VICTORIA (cont'd)

#### Onshore (cont'd)

|     |  |   |               |      |             |         |
|-----|--|---|---------------|------|-------------|---------|
| 143 | Wandong to Kyneton   | GPU Gas Net Pty Ltd                     | Gas           | 59.5 | 300         | 1984    |
| 145 | Paaratte to Allansford   | GPU Gas Net Pty Ltd                     | Gas           | 33.3 | 150         | 1985/86 |
| 149 | Seaspray to Longford (Perch/Dolphin)   | Esso Australia Resources Ltd            | Gas & Liquids | 19.4 | 300         | 1989    |
| 150 | Longford to Seaspray (Perch/Dolphin)   | Esso Australia Resources Ltd            | Gas & Liquids | 17.8 | 100         | 1989    |
| 152 | Kyabram to Echuca  | GPU Gas Net Pty Ltd                     | Gas           | 30.7 | 150         | 1990    |
| 153 | Crib Pt to Hastings  | Van Ommeren Tank Terminals Aust Pty Ltd | Liquid        | 9.4  | 300         | 1992    |
| 155 | Allansford to Portland   | GPU Gas Net Pty Ltd                     | Gas           | 100  | 150         | 1992    |
| 162 | Laverton North to BHP  | GPU Gas Net Pty Ltd                     | Gas           | 1.6  | 150         | 1993    |
| 164 | Port Melbourne to Boundary Road  | GPU Gas Net Pty Ltd                     | Gas           | 0.4  | 150         | 1993    |
| 167 | Dromana to Rye   | Vic Gas Distribution Pty Ltd            | Gas           | 17.3 | 200         | 1993    |
| 168 | Curdie Vale to Cobden  | GPU Gas Net Pty Ltd                     | Gas           | 27.7 | 150         | 1993    |
| 171 | Codrington to Hamilton   | GPU Gas Net Pty Ltd                     | Gas           | 54.6 | 150         | 1994    |
| 172 | Crib Pt to Long Island Pt and Dandenong  | Elgas Reticulation Pty Ltd              | LPG           | 43   | 100         | 1969    |
| 176 | Chiltern to Rutherglen   | GPU Gas Net Pty Ltd                     | Gas           | 14.3 | 200         | 1998    |
| 177 | Drouin to Bunyip   | GPU Gas Net Pty Ltd                     | Gas           | 13.6 | 750         | 1998    |
| 178 | Barnawatha to Murray River   | GPU Gas Net Pty Ltd                     | Gas           | 5.5  | 450         | 1998    |
| 179 | Carisbrook to Ararat, Stawell & to Horsham   | Coastal Gas Pipelines Victoria Pty Ltd  | Gas           | 182  | 200, 100    | 1998    |
| 182 | Rutherglen to Koonoomoo  | GPU Gas Net Pty Ltd                     | Gas           | 88.8 | 200         | 1998    |
| 183 | Colac to Lara  | GPU Gas Net Pty Ltd                     | Gas           | 94.8 | 500         | na      |
| 184 | Ararat, Stawell, Horsham City Gates  | TXU Networks (Gas) Pty Ltd              | Gas           | 1    | 80          | 1997    |
| 186 | Rutherglen City Gate   | Vic Gas Distribution Pty Ltd            | Gas           | 1.0  | 80          | 1998    |
| 187 | Yarrowonga, Cobram and Koonoomoo City Gates  | Vic Gas Distribution Pty Ltd            | Gas           | 1.0  | 80          | 1998    |
| 188 | Ballarat City Gate to Dana St  | TXU Networks (Gas) Pty Ltd              | Gas           | 7.1  | 200         | 1998    |
| 189 | Bendigo City Gate to Able St   | TXU Networks (Gas) Pty Ltd              | Gas           | 9.2  | 200         | 1998    |
| 190 | Derrimut, Bacchus Marsh, Ballan, Wallace, Daylesford, Rockbank and Castlemain City Gates | TXU Networks (Gas) Pty Ltd              | Gas           | 1    | 100, 80, 50 | 1998    |
| 191 | Sydenham, Diggers Rest and Sunbury City Gates  | TXU Networks (Gas) Pty Ltd              | Gas           | 1    | 80, 50      | 1998    |
| 192 | Kyneton City Gate  | TXU Networks (Gas) Pty Ltd              | Gas           | 1    | 80          | 1998    |
| 193 | Maryborough City Gate  | TXU Networks (Gas) Pty Ltd              | Gas           | 1    | 80          | 1998    |
| 194 | Allansford City Gate   | TXU Networks (Gas) Pty Ltd              | Gas           | 1    | 100         | 1998    |

## AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

### VICTORIA (cont'd)

#### Onshore (cont'd)

|     |  |                              |     |      |                   |      |
|-----|--|------------------------------|-----|------|-------------------|------|
| 195 | Koroit City Gate   | TXU Networks (Gas) Pty Ltd   | Gas | 1    | 50                | 1998 |
| 196 | Portland City Gate to Portland Smelter   | TXU Networks (Gas) Pty Ltd   | Gas | 15.8 | 200               | 1998 |
| 197 | Brooklyn City Gate to Somerville Rd  | TXU Networks (Gas) Pty Ltd   | Gas | 1.7  | 400               | 1998 |
| 198 | Hoppers Crossing, Werribee, Laverton North, Kerbrook, Lara and Avalon City Gate  | TXU Networks (Gas) Pty Ltd   | Gas | 1    | 100, 80           | 1998 |
| 199 | Cobden City Gate   | TXU Networks (Gas) Pty Ltd   | Gas | 1    | 80                | 1998 |
| 200 | Hamilton City Gate   | TXU Networks (Gas) Pty Ltd   | Gas | 1    | 80                | 1998 |
| 201 | Templestowe to Keon Park East  | Vic Gas Distribution Pty Ltd | Gas | 16.5 | 450               | 1998 |
| 202 | Keon Park East to Keon Park West   | GPU Gas Net Pty Ltd          | Gas | 0.6  | 450               | 1998 |
| 203 | Keon Park West to North Melbourne  | TXU Networks (Gas) Pty Ltd   | Gas | 25   | 450               | 1998 |
| 204 | Cecil St to Pickles St, South Melbourne  | Multinet Gas Pty Ltd         | Gas | 1.4  | 200               | 1998 |
| 205 | Oakleigh, Clayton, Noble Park, Malvern and St Kilda East City Gates and Yarra Bank Road Spurline   | Multinet Gas Pty Ltd         | Gas | 1    | 300, 150, 100, 80 | 1998 |
| 206 | Pakenham City Gate   | Vic Gas Distribution Pty Ltd | Gas | 1    | 80                | 1998 |
| 207 | Queens Wharf Road City Gate  | Vic Gas Distribution Pty Ltd | Gas | 1    | 150               | 1998 |
| 208 | North Melbourne to West Melbourne  | Vic Gas Distribution Pty Ltd | Gas | 3.5  | 450               | 1998 |
| 209 | Howe Parade and Lorimer St Port Melbourne City Gate  | Multinet Gas Pty Ltd         | Gas | 1    | 100               | 1998 |
| 210 | Gembrook City Gate   | Multinet Gas Pty Ltd         | Gas | 1    | 80                | 1998 |
| 211 | Healesville City Gate  | Vic Gas Distribution Pty Ltd | Gas | 1    | 80                | 1998 |
| 212 | Warragul City Gate   | Vic Gas Distribution Pty Ltd | Gas | 1    | 100               | 1998 |
| 213 | Clyde North City Gate  | Vic Gas Distribution Pty Ltd | Gas | 1    | 100               | 1998 |
| 214 | Firmans Lane City Gate Morwell   | Vic Gas Distribution Pty Ltd | Gas | 1    | 80                | 1998 |
| 215 | Tramway Rd Morwell   | Vic Gas Distribution Pty Ltd | Gas | 4.85 | 80                | 1998 |
| 216 | Moe, Churchill, Yarragon, Trafalgar, Drouin South, Darnum, Longwarry, Lyndhurst, Huon Park Road, Cranbourne Road and Cranbourne North City Gates | Vic Gas Distribution Pty Ltd | Gas | 1    | 100, 80, 75, 25   | 1998 |

## AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

### VICTORIA (cont'd)

#### Onshore (cont'd)

|     |  |                                   |     |        |               |      |
|-----|--|-----------------------------------|-----|--------|---------------|------|
| 217 | Hampton Park, Narre Warren, Berwick, Traralgon and Rosedale City Gates   | Vic Gas Distribution Pty Ltd      | Gas | 1      | 80            | 1998 |
| 218 | Kyabram and Merrigum City Gates  | Vic Gas Distribution Pty Ltd      | Gas | 1      | 80            | 1998 |
| 219 | Wodonga City Gate to Murray River  | Vic Gas Distribution Pty Ltd      | Gas | 8.3    | 300, 200      | 1998 |
| 220 | Chiltern, Wallan, Broadford, Puckapunyal, Seymour, Euroa, Benalla, Monsbent, Wangaratta, Wangaratta East and Epping City Gates | Vic Gas Distribution Pty Ltd      | Gas | 1      | 100, 80, 60   | 1998 |
| 221 | Craigieburn City Gates   | TXU Networks (Gas) Pty Ltd        | Gas | 1      | 100           | 1998 |
| 222 | Tatura City Gate   | Vic Gas Distribution Pty Ltd      | Gas | 1      | 80            | 1998 |
| 223 | Kilmore City Gate  | Vic Gas Distribution Pty Ltd      | Gas | 1      | 50            | 1998 |
| 224 | Echuca and Tongala City Gates  | Vic Gas Distribution Pty Ltd      | Gas | 1      | 100, 80       | 1998 |
| 226 | SA/Vic border to Mildura   | Envestra Ltd                      | Gas | 105.2  | 100           | 1999 |
| 227 | Iona to North Paaratte   | GPU Gas Net Pty Ltd               | Gas | 7.8    | 150           | 1999 |
| 231 | Iona to Lara   | GPU Gas Net Pty Ltd               | Gas | 143.9  | 500           | 2000 |
| 232 | Longford to NSW Border and East Coast Power Plant Bainsdale  | Duke Eastern Gas Pipeline Pty Ltd | Gas | 280.57 | 168, 450, 610 | 2000 |
| 234 | Traralgon to Loy Yang Power Station  | Edison Mission Energy             | Gas | 13     | 300           | 2001 |
| 235 | Colac City Gate  | TXU Networks (Gas) Pty Ltd        | Gas | 1      | 80            | 2001 |

#### Offshore

|      |  |                              |          |      |     |      |
|------|--|------------------------------|----------|------|-----|------|
| PL 1 | Barracouta A to shore (Vic/PL and Vic/PL(V)) | Esso Australia Resources Ltd | Gas /Oil | 18.5 | 450 | 1967 |
| PL 2 | Marlin A to shore (Vic/PL and Vic/PL(V))     | Esso Australia Resources Ltd | Gas      | 46.3 | 500 | 1967 |
| PL 4 | Barracouta A to shore (Vic/PL and Vic/PL(V)) | Esso Australia Resources Ltd | Gas /Oil | 18.9 | 150 | 1969 |
| PL 5 | Halibut to shore (Vic/PL and Vic/PL(V))      | Esso Australia Resources Ltd | Oil      | 71.0 | 600 | 1969 |
| PL 6 | Kingfish A to Kingfish B                     | Esso Australia Resources Ltd | Oil      | 4.6  | 400 | 1969 |
| PL 7 | Kingfish B to Halibut A                      | Esso Australia Resources Ltd | Oil      | 26.9 | 500 | 1969 |
| PL 8 | Mackerel A to Halibut A                      | Esso Australia Resources Ltd | Oil      | 9.2  | 300 | 1975 |
| PL 9 | Tuna A to Marlin A                           | Esso Australia Resources Ltd | Oil      | 18.7 | 300 | 1975 |

## AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

### VICTORIA (cont'd)

#### Offshore (cont'd)

|      |  |                              |          |      |                |      |
|------|--|------------------------------|----------|------|----------------|------|
| PL10 | Tuna A to Marlin A                               | Esso Australia Resources Ltd | Gas      | 18.7 | 200            | 1975 |
| PL11 | Marlin to Halibut to shore pipeline (Vic/PL5)    | Esso Australia Resources Ltd | Oil      | 1.6  | 300            | 1975 |
| PL13 | Snapper A to shore (Vic/PL and Vic/PL(V))        | Esso Australia Resources Ltd | Gas/ Oil | 31.0 | 600            | 1979 |
| PL14 | West Kingfish to Kingfish A                      | Esso Australia Resources Ltd | Oil      | 3.5  | 300            | 1981 |
| PL15 | Cobia to Halibut A                               | Esso Australia Resources Ltd | Oil      | 5.5  | 300            | 1982 |
| PL16 | Fortescue to Halibut A                           | Esso Australia Resources Ltd | Oil      | 4.1  | 300            | 1982 |
| PL17 | Flounder to Tuna A                               | Esso Australia Resources Ltd | Gas/ Oil | 17   | 250            | 1983 |
| PL18 | Flounder to Tuna A                               | Esso Australia Resources Ltd | Gas/ Oil | 17   | 250            | 1983 |
| PL19 | Snapper A to Marlin A                            | Esso Australia Resources Ltd | Oil      | 18   | 250            | 1983 |
| PL20 | Bream to West Kingfish                           | Esso Australia Resources Ltd | Oil      | 32   | 400            | 1987 |
| PL21 | Perch to Dolphin to shore (Vic/PL and Vic/PL(V)) | Esso Australia Resources Ltd | Oil      | 26.4 | 300            | 1989 |
| PL22 | Seahorse to Barracouta A                         | Esso Australia Resources Ltd | Oil      | 11.3 | 150            | 1989 |
| PL23 | Tarwhine to Barracouta A                         | Esso Australia Resources Ltd | Oil      | 17.4 | 200            | 1989 |
| PL24 | Whiting to Snapper A                             | Esso Australia Resources Ltd | Oil      | 14.6 | 250            | 1989 |
| PL25 | Whiting to Snapper A                             | Esso Australia Resources Ltd | Gas/ Oil | 14.6 | 200            | 1989 |
| PL26 | Bream B to Bream A                               | Esso Australia Resources Ltd | Gas/ Oil | 6.2  | 250            | 1996 |
| PL27 | West Tuna to Tuna A                              | Esso Australia Resources Ltd | Gas/ Oil | 3.5  | 100            | 1996 |
| PL28 | West Tuna to Tuna A                              | Esso Australia Resources Ltd | Gas/ Oil | 3.6  | 250            | 1996 |
| PL29 | Blackback Termination to Mackerel                | Esso Australia Resources Ltd | Gas/ Oil | 22.7 | 200            | 1999 |
| SL 1 | Cobia Sub-sea to Mackerel A                      | Esso Australia Resources Ltd |          |      | Revoked 1/9/84 |      |
| SL 2 | Marlin A to Halibut A to Mackerel A              | Esso Australia Resources Ltd | Fuel gas | 31.5 | 100            | 1979 |
| SL 3 | Cobia to Halibut A                               | Esso Australia Resources Ltd | Fuel gas | 5.6  | 100            | 1982 |
| SL 4 | Fortescue to Halibut A                           | Esso Australia Resources Ltd | Fuel gas | 4.1  | 100            | 1982 |
| SL 5 | Perch to Dolphin to shore                        | Esso Australia Resources Ltd | Fuel gas | 27.1 | 100            | 1989 |
| SL 6 | Seahorse to Barracouta A                         | Esso Australia Resources Ltd | Fuel gas | 11.3 | 65             | 1989 |

**AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS**

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

**VICTORIA (cont'd)**

**Offshore (cont'd)**

|      |                                   |                              |          |      |     |      |
|------|-----------------------------------|------------------------------|----------|------|-----|------|
| SL 7 | Tarwhine to Barracouta A          | Esso Australia Resources Ltd | Fuel gas | 17.4 | 65  | 1989 |
| SL 8 | Blackback Termination to Mackerel | Esso Australia Resources Ltd | Fuel gas | 22.7 | 65  | 1999 |
| SL 9 | Marlin to West Kingfish           | Esso Australia Resources Ltd | Fuel gas | 53   | 150 | 1999 |

**SOUTH AUSTRALIA**

**Onshore**

|     |   |   |                     |   |   |  |
|-----|---|---|---------------------|---|---|--|
| PL1 | Moomba to Adelaide<br>Angaston lateral<br>Taperoo lateral<br>Dry Creek lateral<br>Peterborough lateral<br>Nurioopta lateral<br>Burra lateral<br>Port Pirie lateral<br>Mintaro lateral<br>Wasleys to Torrens Is loop<br>Whyalla lateral<br>Port Bonython lateral<br>Tarac<br>Port Douglas lateral<br>Osborne lateral | Epic Energy SA Pty Ltd  | Gas                 | 781<br>38.7<br>1.2<br>1.3<br>1.9<br>1.6<br>15<br>77.8<br>0.3<br>41.5<br>87.7<br>5.5<br>0.4<br>11.5<br>1.3 | 560<br>219<br>323<br>323<br>89<br>114<br>989<br>168<br>219<br>508<br>219<br>114<br>89<br>114<br>273 | 1969<br><br><br><br><br><br><br><br><br><br><br>1988/89<br>1988/89 |
| PL2 | Moomba to Point Bonython  | Santos Ltd<br>Dehli Petroleum PL<br>Origin Energy Resources Ltd<br>Bridge Oil Development PL<br>Vamgas PL<br>Reef Oil PL<br>Basin Oil PL<br>Novus Australia<br>Resources NL<br>Santos (BOL) PL<br>Santos Petroleum PL<br>Alliance Petroleum Aust. | Liquids             | 659   | 355   | 1982   |
| na  | Strzelecki tee to Moomba  | Epic Energy SA Pty Ltd  | Liquids             | 48  | 219   | 1983   |
| na  | Strzelecki to Strzelecki tee  | Epic Energy SA Pty Ltd  | Liquids             | 12  | 168   | 1983   |
| na  | Dullingari to Strzelecki tee  | Epic Energy SA Pty Ltd  | Liquids             | 21  | 168   | 1982   |
| na  | Fly Lake to Tirrawarra  | Epic Energy SA Pty Ltd  | Gas                 | 15  | 400   | 1983   |
| na  | Fly Lake to Tirrawarra  | Epic Energy SA Pty Ltd  | Oil                 | 15  | 250   | 1983   |
| na  | Moorari to Tirrawarra   | Epic Energy SA Pty Ltd  | Gas                 | 13.5  | 200   | 1983   |
| na  | Mudrangie to Tirrawarra (abandoned)   | Epic Energy SA Pty Ltd  | Gas/con-<br>densate | 20.3  | 150   | 1982   |
| na  | Tirrawarra to Moomba  | Epic Energy SA Pty Ltd  | Gas                 | 49.2  | 500   | 1982   |
| na  | Tirrawarra to Moomba  | Epic Energy SA Pty Ltd  | Oil                 | 49.2  | 250   | 1982   |
| na  | Gidgealpa to Moomba   | Epic Energy SA Pty Ltd  | Gas                 | 25.6  | 400   | 1970   |
| na  | Daralingie to Moomba  | Epic Energy SA Pty Ltd  | Gas                 | 44  | 500   | 1984   |
| na  | Moomba South Central to Moomba  | Epic Energy SA Pty Ltd  | Gas                 | 11  | 450   | 1975   |

**AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS**

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

**SOUTH AUSTRALIA (cont'd)**

**Onshore (cont'd)**

|     |   |   |                       |                       |               |              |
|-----|---|---|-----------------------|-----------------------|---------------|--------------|
| na  | Big Lake satellite (new to old)                             | Epic Energy SA Pty Ltd  | Gas                   | 10.4                  | 500           | 1976         |
| na  | Big Lake to Moomba  | Epic Energy SA Pty Ltd  | Gas                   | 10                    | 450           | 1976         |
| na  | Toolachee to Della  | Epic Energy SA Pty Ltd  | Gas                   | 37                    | 750           | 1984         |
| na  | Kidman to Dullingari  | Epic Energy SA Pty Ltd  | Gas                   | 15.5                  | 300           | 1984         |
| na  | Dullingari to Della   | Epic Energy SA Pty Ltd  | Gas                   | 24.8                  | 750           | 1981         |
| na  | Della to Moomba   | Epic Energy SA Pty Ltd  | Gas                   | 42.6                  | 750           | 1980         |
| na  | Bookabourdie to Tirrawarra                                  | Epic Energy SA Pty Ltd  | Gas/condensate        | 43.8                  | 324           | 1988         |
| na  | Kurunda to Gidgealpa satellite                              | Epic Energy SA Pty Ltd  | Gas                   | 16.5                  | 219           | 1988         |
| na  | Moomba to Moomba SC   | Epic Energy SA Pty Ltd  | Ethane (re-injection) | 9.1<br>41.4           | 273<br>323.85 | 1984<br>1988 |
| na  | Munkarie 4 to Toolachee                                     | Epic Energy SA Pty Ltd  | Gas                   | 3.6<br>14.9           | 300<br>406    | 1984<br>1984 |
| na  | Burke to Dullingari   | Epic Energy SA Pty Ltd  | Gas                   | 5.7                   | 406           | 1982         |
| na  | Leleptian to Fly Lake                                       | Epic Energy SA Pty Ltd  | Gas                   | 16.5                  | 200           | 1989         |
| na  | Strzelecki to Dullingari / Moomba tie-in                    | Epic Energy SA Pty Ltd  | Oil                   | 12.3                  | 168           | 1984         |
| na  | Dullingari to Della to Moomba                               | Epic Energy SA Pty Ltd  | Oil                   | 48.2<br>20.6          | 168<br>219    | 1984<br>1984 |
| na  | Wanoocha to Moomba  | Epic Energy SA Pty Ltd  | Oil                   | 58.3                  | 100           | 1985         |
| na  | Gidgealpa to Moomba   | Epic Energy SA Pty Ltd  | Oil                   | 20.6                  | 150           | 1985         |
| na  | Meranji to Merrimelia Satellite                             | Epic Energy SA Pty Ltd  | Oil                   | 16.5                  | 100           | 1986         |
| na  | Merrimelia Satellite to Tirrawarra/Moomba tie-in            | Epic Energy SA Pty Ltd  | Oil                   | 16.5                  | 168           | 1982         |
| na  | Epsilon to Moomba   | Epic Energy SA Pty Ltd  | Gas                   | 90                    | 250           | 1992         |
| PL3 | Katnook to SAFRIES  | Epic Energy SA Pty Ltd  | Gas                   | 4.5                   | 60            | 1990         |
| PL4 | Katnook/Glencoe to Mount Gambier & Snuggery                 | Epic Energy SA Pty Ltd  | Gas                   | 67                    | 168           | 1991         |
| PL5 | Ballera to Moomba (See PL13 Queensland)                     | Santos Ltd<br>Dehli Petroleum PL<br>Santos Petroleum PL<br>Origin Energy Resources Ltd<br>Vamgas PL<br>Santos Australian Hydrocarbons PL<br>Oil Company of Australia NL | Gas/condensate        | 92                    | 400           | 1993         |
| PL6 | Angaston to Berri Main Line Sedan Junction to Murray Bridge | Ayers Network Ltd   | Gas                   | 231                   | 114           | 1994         |
| PL7 | Moomba to Qld border (Moomba–Sydney Gas Pipeline)           | East Aust. Pipeline Gas Ltd   | Gas                   | 111 (10km loop incl.) | 660, 864      | 1974         |
| PL8 | Moomba- Sydney  | Gorodok Pty Ltd   | Ethane                | 101                   | 219           | 1996         |

## AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

### SOUTH AUSTRALIA (cont'd)

#### Onshore (cont'd)

|      |                        |   |                |       |       |      |
|------|------------------------|---|----------------|-------|-------|------|
| PL9  | SW Queensland-Mettika  | Santos Ltd<br>Dehli Petroleum PL<br>Santos Petroleum PL<br>Origin Energy Resources Ltd<br>Vamgas PL<br>Santos Australian Hydrocarbons PL<br>Oil Company of Asustralia Ltd | Gas/condensate | 3.5   | 324   | 1996 |
| PL10 | Moomba Interconnection | Origin Energy Pipeline Pty Ltd  | Gas            | 0.087 | 250   | 1999 |
| PL11 | Berri-Mildura          | Envestra Ltd  | Gas            | 42.3  | 114   | 1999 |
| PL12 | Beverley               | Heathgate Resources Pty Ltd   | Gas            | 14.3  | 89    |      |
| PL13 | Iona to Adelaide       | South East Australia Gas PL   | Gas            | 417   | 356   |      |
| PL15 | Santos Limited         | Santos Ltd<br>Delhi Petroleum PL<br>Santos Petroleum PL<br>Vangas PL<br>Origin Energy Resources Ltd<br>Santos Australian Hydrocarbons PL<br>Oil company of Australia Ltd  | Gas            | 3     | 168.3 |      |

### WESTERN AUSTRALIA

#### Onshore

|                  |   |  |            |      |               |      |
|------------------|---|--|------------|------|---------------|------|
| PL1-3 R1, PL5 R1 | Dongara to Pinjarra (including Fremantle & Rockingham laterals) | CMS Gas Transmission of Australia Pty Ltd  | Gas        | 445  | 356, 168, 114 | 1972 |
| PL6 R2           | Woodada to Eneabba  | Phoenix Energy Pty Ltd   | Gas        | 12   | 219           | 1982 |
| PL7              | Blina to Great Northern Highway                                 | Capital Energy NL  | Oil        | 29   | 114           | 1983 |
| PL8              | Karratha to Pt Lambert  | Robe River Mining Co Pty Ltd   | Gas        | 57   | 273           | 1984 |
| PL9              | Dampier (loading)   | Woodside Petroleum Development Pty Ltd   | Condensate | 1    | 762           | 1984 |
| PL12             | Varanus Island  | Apache Northwest Pty Ltd<br>Apache Harriet Pty Ltd<br>Apache Lowendal Pty Ltd<br>Apache Miladin Pty Ltd<br>Apache Nasmah Pty Ltd<br>Kufpec Aust P/L<br>Tap (Harriet) P/L | Oil / Gas  | 0.26 | 762, 219      | 1985 |

**AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS**

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

**WESTERN AUSTRALIA (cont'd)**

**Onshore (cont'd)**

|      |  |  |           |      |          |               |
|------|--|--|-----------|------|----------|---------------|
| PL14 | Airlie Island                                  | Apache Oil Aust. Pty Ltd<br>Ampolex (PPL) PL<br>PanPacific Petroleum (SA) PL<br>Santos (BOL) PL  | Oil / Gas | 0.64 | 508, 219 | 1987          |
| PL15 | Thevenard Island                               | Chevron Texaco Aust PL<br>Mobil Aust. Resources Co PL<br>Santos Offshore PL<br>Texaco Aust PL  | Oil / Gas | 2.7  | 600, 168 | 1988          |
| PL16 | Tubridgi to Compressor Station No 2            | Sagasco South East Inc<br>Origin Energy Amadeus NL<br>Origin Energy Pet. PL<br>PanPacific Petroleum PL<br>Tubridgi Petroleum PL                | Gas       | 87.5 | 168      | 1992          |
| PL17 | Shore (Varanus Is) to Compressor Station No 1  | Apache Northwest PL<br>Apache Harriet PL<br>Apache Lowendal PL<br>Apache Miladin PL<br>Apache Nasmah PL<br>Kufpec Aust. PL<br>Tap (Harriet) PL | Gas       | 30   | 300      | 1992          |
| PL18 | Beharra Springs to WANG Pipeline               | AWE (Perth Basin) Ltd<br>Origin Energy<br>Developments Pty Ltd   | Gas       | 1.6  | 168      | 1992          |
| PL19 | Tubridgi Gas Plant to Compressor Station No 2  | Sagasco South East Inc<br>Origin Energy Amadeus NL<br>Origin Energy Pet PL<br>PanPacific Pet. NL<br>Turidgi Pet. PL                            | Gas       | 87   | 273      | 1993          |
| PL20 | Shore to Griffin Gas Plant                     | BHP Billiton Petroleum (Aust) Pty Ltd<br>Inpex Alpha Ltd<br>Mobil Exploration & Producing Aust PL  | Gas       | 6    | 219      | 1994          |
| PL21 | Shore to Tubridgi Gas Plant                    | West Australian Petroleum Pty Ltd<br>Shell Dev. (Aust) PL  | Gas       | 8    | 168      | 1990          |
| PL22 | Karratha to Port Hedland                       | Epic Energy (Pilbara Pipeline) Pty Ltd   | Gas       | 213  | 450      | 1994          |
| PL23 | Wang Pipeline to SECWA Pipeline (Dongara area) | CMS Gas Transmission of Australia  | Gas       | 0.5  | 168      | 1994          |
| PL24 | Yaraloola to Kalgoorlie                        | Duke Energy WA Power PL<br>Southern Cross Pipelines (NPL) Aust. PL<br>Southern Cross Pipelines Aust PL   | Gas       | 1400 | 400, 350 | December 1996 |
| PL25 | Mt Keith lateral                               | Southern Cross Pipelines Aust Pty Ltd  | Gas       | 8.1  | 219      | December 1996 |
| PL26 | Leinster lateral                               | Southern Cross Pipelines Aust Pty Ltd  | Gas       | 5.2  | 219      | December 1996 |

**AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS**

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

**WESTERN AUSTRALIA (cont'd)**

**Onshore (cont'd)**

|      |   |   |                  |      |       |               |
|------|---|---|------------------|------|-------|---------------|
| PL27 | Kambalda Nickel lateral   | Southern Cross Pipelines Aust Pty Ltd   | Gas              | 44.3 | 219   | December 1996 |
| PL28 | Parkerston Power Station  | Southern Cross Pipelines (NPL) Aust. PL   | Gas              | 8.2  | 219   | December 1996 |
| PL29 | Lowendal Island   | Apache East Spar Pty Ltd<br>Apache Kersail PL<br>Apache Oil Aust. PL<br>Santos (BOL) PL   | Gas / Oil/ Water | 0.6  | 356   | 1996          |
| PL30 | Varanus Island  | Apache Oil Aust Pty Ltd<br>Apache East Spar PL<br>Apache Kersail PL<br>Santos (BOL) PL  | Gas / Oil/ Water | 0.6  | 356   | 1996          |
| PL31 | Port Hedland  | Epic Energy (Pilbara Pipeline) Pty Ltd<br>Santos (BOL) PL<br>Tap (Harriet) PL   | Gas              | 5    | na    | 1996          |
| PL32 | Dongara area  | AGL Pipelines (WA) Pty Ltd  | Gas              | 10   | na    | 1996          |
| PL33 | GGT pipeline's Wiluna Scraper Station to Wiluna Gold Pty Ltd's plant site     | AGL Pipelines (WA) Pty Ltd  | Gas              | 8    | 88.9  | 1997          |
| PL34 | GGT pipeline's Wiluna Scraper Station to Jundee Gold Mine Plant site          | Newmont Yandal Operations Ltd   | Gas              | 45   | 114.3 | 1997          |
| PL35 | GGT Pipeline at Three Rivers to the Plutonic Gold Mine site                   | Plutonic Operations Ltd   | Gas              | 19.2 | 114.3 | 1997          |
| PL36 | Offtake tee in GGT Pipeline 16km W of Leonora to the Murrin Murrin plant site | Origin Energy Pipelines Ltd Pty   | Gas              | 85   | 219.1 | 1997          |
| PL37 | Flange on GGT Pipeline East of Broad Arrow to Cawse Nickel plant site         | Centaur Nickel PL   | Gas              | 35   | 168.3 | 1997/98       |
| PL38 | Burrup Gas Plant to Inlet station on Karratha to Port Hedland Pipeline        | Epic Energy (Pilbara Pipeline) Pty Ltd  | Gas              | 24   | 610   | 1998          |
| PL39 | Offtake tee in DBNGP to Cockburn Cement Plant near Dongara                    | Origin Energy Pipelines Ltd Pty   | Gas              | 18   | 114.3 | 1998          |
| PL40 | Dampier to Bunbury (DBNGP)  | Epic Energy (WA) Nominees Pty Ltd   | Gas              | 1789 | 660   | 1984          |
| PL41 | Thomas Rd valve station to Tiwest Cogeneration Plant                          | Epic Energy (WA) Transmission Pty Ltd   | Gas              | 580  | 168.3 | 1998          |
| PL42 | PL17 end flange to GGT Pipeline   | Apache East Spar PL<br>Apache Harriet PL<br>Apache Kersail PL<br>Apache Lowendal PL<br>Apache Miladin PL<br>Apache Nasmah PL<br>Apache Northwest PL<br>Apache Oil Aust. PL<br>Kufpec Aust. PL | Gas              | 1    | na    | 1998/99       |

**AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS**

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

**WESTERN AUSTRALIA (cont'd)**

**Onshore (cont'd)**

|       |   |  |     |     |                |                              |
|-------|---|--|-----|-----|----------------|------------------------------|
| PL43  | Geraldton to Windimurra   | AGL Pipelines (WA) Pty Ltd<br>The Electricity Corporation  | Gas | 365 | 219.1<br>168.3 | Under construct.             |
| PL44  | Parmelia Pipelines to Canning Vale Gardens Industrial Estate          | CMS Gas Transmission of Australia  | Gas | 1   | 200            | Under construct.             |
| PL45  | Parmelia Pipeline to Jandakot Wool Scourers in East Rockingham        | CMS Gas Transmission of Australia  | Gas | 400 | 200            | Under construct.             |
| PL46  | Parmelia Pipeline to Rocla Quarry Bullsbrook                          | CMS Gas Transmission of Australia  | Gas | na  | na             | 1999                         |
| PL47  | Compressor Station No. 10 (Kwinana) to Rockingham lateral.            | Epic Energy (WA) Transmission Pty Ltd  | Gas | 1   | na             | 1999                         |
| PL48  | GGT offtake, (approx 16km West of Leonora), to Leonora Power Station. | Statewest Power Pty Ltd  | Gas | 17  | na             | 1999                         |
| PL49  | Geraldton to Murrin Murrin Plant (northern route)                     | Anaconda Nickel Ltd  | Gas | na  | 406.4          | Imminent either PL49 or PL50 |
| PL50  | Geraldton to Murrin Murrin Plant (southern route)                     | Anaconda Nickel Ltd  | Gas | na  | 406.4          | Imminent either PL49 or PL50 |
| PL52  | Parmelia pipeline to Tiwest Plant (Chandala)                          | CMS Gas Transmission of Australia  | Gas | na  | 114.3          | 2000                         |
| PL53  | Parmelia pipeline to BP refinery at Kwinana                           | CMS Gas Transmission of Australia  | Gas | na  | 219            | 2000                         |
| PL54  |   | APT Pipelines (WA) Pty Ltd   |     | na  | na             | na                           |
| PL55  |   | Gwalia Tantalum Pty Ltd  |     | na  | na             | na                           |
| PL56  |   | Epic Energy (WA) Pty Ltd   |     | na  | na             | na                           |
| PL57  |   | Australia Gold Reagents Pty Ltd  |     | na  | na             | na                           |
| PL58  |   | BHP Billiton Petroleum (NWS) PL<br>BP Developments Aust PL<br>Chevron Texaco Aust PL<br>Japan Australia LNG (MIMI) PL<br>Shell Development (Aust.) PL<br>Woodside Energy Ltd |     | na  | na             | na                           |
| PL59  |   | Esperance Pipeline Co PL   |     | na  | na             | na                           |
| PL6R2 |   | Hardman Oil & Gas PL   |     | na  | na             | na                           |
| PL7   |   | Terratek Drilling Tools PL   |     | na  | na             | na                           |

## AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

### WESTERN AUSTRALIA (cont'd)

#### Onshore (cont'd)

|      |   |  |     |      |          |                              |
|------|---|--|-----|------|----------|------------------------------|
| PL8  |   | Mitsui Iron Ore Development PL<br>Nippon Steel Aust. PL<br>Peko-Wallsend Operations Ltd Robe River Mining Co PL<br>Sumitomo Metal Aust. PL |     | na   | na       | na                           |
| na   | Worsley lateral                                   | Epic Energy (WA) Transmission Pty Ltd  | Gas | 33   | 273      | 1984                         |
| na   | South Caversham lateral                           | Epic Energy (WA) Transmission Pty Ltd  | Gas | 0.5  | 100      | 1984                         |
| PL49 | Geraldton to Murrin Murrin Plant (northern route) | Anaconda Nickel Ltd  | Gas | na   | 406.4    | Imminent either PL49 or PL50 |
| Na   | Eneabba lateral                                   | Epic Energy (WA) Transmission Pty Ltd  | Gas | 7    | 100      | 1986                         |
| na   | Western Mining lateral                            | Epic Energy (WA) Transmission Pty Ltd  | Gas | 7    | 300, 150 | 1986                         |
| na   | Viveash lateral                                   | Epic Energy (WA) Transmission Pty Ltd  | Gas | 2.5  | 150      | 1985                         |
| na   | Mungarra lateral                                  | Epic Energy (WA) Transmission Pty Ltd  | Gas | 2.5  | 168      | na                           |
| na   | Withnell Bay to Wagerup                           | Epic Energy (WA) Transmission Pty Ltd  | Gas | 1488 | 650, 508 | na                           |
| na   | Wagerup to Bunbury                                | Epic Energy (WA) Transmission Pty Ltd  | Gas | 42   | 273, 219 | na                           |
| na   | Pinjar lateral                                    | Epic Energy (WA) Transmission Pty Ltd  | Gas | 14   | 355      | na                           |
| na   | East Perth lateral                                | Epic Energy (WA) Transmission Pty Ltd  | Gas | 17.5 | 250      | 1986                         |
| na   | Geraldton lateral                                 | Epic Energy (WA) Transmission Pty Ltd  | Gas | 68   | 150      | 1985                         |
| na   | Hammersley lateral                                | Epic Energy (WA) Transmission Pty Ltd  | Gas | 0.5  | 219      | 1985                         |
| na   | Kwinnana / Russell Rd                             | Epic Energy (WA) Transmission Pty Ltd  | Gas | 7.5  | 323      | 1986                         |
| na   | Gascoyne Junction to Carnarvon                    | Epic Energy (WA) Transmission Pty Ltd  | Gas | 171  | 168      | 1987                         |

#### Offshore

|         |                                  |   |                |     |      |      |
|---------|----------------------------------|---|----------------|-----|------|------|
| WA-1-PL | North Rankin 'A' to Withnell Bay | Woodside Energy Ltd<br>BHP Billiton Petroleum (NWS) PL<br>BP Developments Aust. PL<br>Chevron Texaco Aust. PL<br>Japan Aust. LNG (MIMI) PL<br>Shell Development (Aust) PL | Gas/condensate | 134 | 1016 | 1983 |
|---------|----------------------------------|---|----------------|-----|------|------|

**AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS**

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

**WESTERN AUSTRALIA (cont'd)**

**Offshore (cont'd)**

|         |                                   |  |                |      |     |      |
|---------|-----------------------------------|--|----------------|------|-----|------|
| WA-2-PL | Goodwyn to North Rankin 'A'       | Woodside Energy Ltd<br>BHP Billiton Petroleum (NWS) PL<br>BP Developments Aust PL<br>Chevron Texaco Aust PL<br>Japan Aust. LNG (MIMI) PL<br>Shell Development (Aust) PL  | Gas/condensate | 25   | 762 | 1993 |
| WA-3-PL | Griffin FPSO to shore             | BHP Petroleum (Aust) Pty Ltd<br>Inpex Alpha Ltd<br>Mobil Exploration & Producing Aust. PL  | Oil            | 29.2 | 219 | 1993 |
| WA-4-PL | Wanaca FPSO to North Rankin 'A'   | Woodside Energy Ltd<br>BHP Billiton Petroleum (NWS) PL<br>BP Developments Aust PL<br>Chevron Texaco Aust PL<br>Japan Aust. LNG (MIMI) PL<br>Shell Development (Aust) PL  | Oil            | 32.3 | 324 | 1995 |
| WA-5-PL | East Spar to Varanus Island       | Apache East Spar PL<br>Apache Kersail PL<br>Apache Oil Aust. PL<br>Santos (BOL) PL   | Gas            | 41   | 356 | 1996 |
| WA-6-PL | Stag oilfield production facility | Apache Northwest Pty Ltd<br>Globex Far East PL<br>Santos Offshore PL   | Oil            | 2    | 219 | 1997 |
| WA-7-PL |                                   | Apache Northwest PL<br>Santos Ltd<br>Woodside Energy Ltd   |                |      |     |      |
| WA-8-PL |                                   | ConocoPhillips Pipeline Aust PL  |                |      |     |      |
| WA-9-PL |                                   | BHP Billiton Petroleum (NWS) PL<br>BP Developments Aust. PL<br>Chevron Texaco Aust PL<br>Japan Aust. LNG (MIMI) PL<br>Shell Development (Aust) PL<br>Woodside Energy Ltd |                |      |     |      |

**AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS**

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

**WESTERN AUSTRALIA (cont'd)**

**Offshore (cont'd)**

|          |  |   |   |                                 |                                |              |
|----------|--|---|---|---------------------------------|--------------------------------|--------------|
| WA-10-PL |  | BHP Petroleum (NWS) PL<br>BP Developments Aust. PL<br>Chevron Texaco Aust PL<br>Japan Aust. LNG (MIMI) PL<br>Shell Development (Aust) PL<br>Woodside Energy Ltd |   | na                              | na                             | na           |
| TPL1     | Harriet 'A' to Varanus Island                              | Apache Northwest Pty Ltd<br>Apache Lowendal PL<br>Apache Miladin PL<br>Apache Nasmah PL<br>Apache Harriet PL<br>Kufpec Aust. PL<br>Tap (Harriet) PL             | Oil   | 6.5                             | 219                            | 1984         |
| TPL2     | Varanus Island Export                                      | Apache Northwest Pty Ltd<br>Apache Lowendal PL<br>Apache Miladin PL<br>Apache Nasmah PL<br>Apache Nortwest PL<br>Kufpec Aust. PL<br>Tap (Harriet) PL            | Oil   | 3.5                             | 762                            | 1985         |
| TPL3     | South Pepper to Airlie Is;<br>South Pepper to North Herald | Ampolex(PPL) PL<br>Apache Oil Australia PL<br>Pan Pacific Petroleum (SA) PL<br>Santos (BOL) PL  | Oil<br>Oil                                  | 23.7<br>1.2                     | 168<br>219                     | 1987<br>1987 |
| TPL4     | Airlie Island to mooring terminal                          | Ampolex(PPL) PL<br>Apache Oil Australia PL<br>Pan Pacific Petroleum (SA) PL<br>Santos (BOL) PL  | Oil   | 1.94                            | 508                            | 1987         |
| TPL5     | Harriet 'A' to Varanus Island                              | Apache Northwest Pty Ltd<br>Apache Harriet PL<br>Apache Lowendal PL<br>Apache Miladin PL<br>Apache Nasmah PL<br>Kufpec Australia PL<br>Tap (Harriet) PL         | Gas   | 6.3                             | 168                            | 1989         |
| TPL6     | Saladin to Thevenard Island to mooring terminal            | Chevron Texaco Aust. PL<br>Mobil Aust. Resources Co PL<br>Santos Offshore PL<br>Texaco Aust. PL   | Oil & Gas<br>Oil & Gas<br>Oil<br>Gas<br>Gas | 7.5<br>2.8<br>6.4<br>1.5<br>5.0 | 168<br>219<br>610<br>89<br>114 | 1989         |
| TPL7 R1  | Chervil to Airlie Island                                   | Ampolex (PPL) PL<br>Apache Oil Aust. PL<br>Pan Pacific Pet. (SA) PL<br>Santos (BOL) PL  | Gas /<br>Oil/<br>Water                      | 6.4                             | 210                            | 1989         |

**AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS**

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

**WESTERN AUSTRALIA (cont'd)**

**Offshore (cont'd)**

|        |                                    |   |                      |      |       |         |
|--------|------------------------------------|---|----------------------|------|-------|---------|
| TPL8   | Varanus Island to shore            | Apache Northwest Pty Ltd<br>Apache Harriet PL<br>Apache Lowendal PL<br>Apache Miladin PL<br>Apache Nasmah PL<br>Kufpec Australia PL<br>Tap (Harriet) PL                                     | Gas                  | 70   | 300   | 1992    |
| TPL9   | Barrow Island to mooring terminal  | Chevron Texaco Australia<br>Mobil Australia Resources Co PL<br>Santos Offshore PL<br>Texaco Australia PL  | Oil                  | 10.4 | 508   | 1967    |
| TPL 10 | Griffin FPSO to shore              | BHP Billiton Petroleum (Australia) Pty Ltd<br>Inpex Alpha Ltd<br>Mobil Exploration & Producing Aust. PL   | Gas                  | 32.5 | 219   | 1994    |
| TPL 11 | Roller 'A' platform to shore       | Chevron Texaco Aust. PL<br>Mobil Aust. Resources Co PL<br>Santos Offshore PL<br>Texaco Aust. PL   | Gas                  | 8.5  | 168   | 1993    |
| TPL 12 | East Spar to Varanus Island        | Apache East Spar PL<br>Apache Kersail PL<br>Apache Oil Aust. PL<br>Santos (BOL) PL  | Gas/condensate/water | 21.8 | 356   | 1996    |
| TPL 13 | Varanus Island to mainland         | Apache East Spar PL<br>Apache Harriet PL<br>Apache Kersail PL<br>Apache Lowendal PL<br>Apache Miladin PL<br>Apache Nasmah PL<br>Apache Northwest PL<br>Apache Oil Aust PL<br>Kufpec Aust PL | Gas                  | 70   | 406.4 | 1998/99 |
| TPL 14 | Wonnich platform to Varanus Island | Apache Harriet PL<br>Apache Lowendal PL<br>Apache Miladin PL<br>Apache Nasmah PL<br>Apache Northwest PL<br>Kufpec Aust. PL<br>Tap (Harriet) PL  | Gas/condensate/water | 31   | 219.1 | 1998/99 |
| TPL 15 |                                    | BHP Billiton Petroleum (NWS) PL<br>BP Developments Aust PL<br>Chevron Texaco Aust. PL<br>Japan Aust. LNG (MIMI) PL<br>Shell Development (Aust) PL<br>Woodside Energy Ltd                    |                      |      |       |         |

**AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS**

| Pipeline licence | Location/Route | Operator | Product | Length (km) | Pipe diameter (mm) | Period constructed |
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|
|------------------|----------------|----------|---------|-------------|--------------------|--------------------|

**WESTERN AUSTRALIA (cont'd)**

**Offshore (cont'd)**

|       |   |  |         |    |     |      |
|-------|---|--|---------|----|-----|------|
| TP 16 |   | BHP Billiton Petroleum (NWS) PL<br>BP Developments Aust PL<br>Chevron Texaco Aust. PL<br>Japan Aust. LNG (MIMI) PL<br>Shell Development (Aust) PL<br>Woodside Energy Ltd |         |    |     |      |
| na    | Roller 'A' platform to Thevenard Island | West Australian Petroleum Pty Ltd  | Oil/Gas | 27 | 500 | 1994 |
| na    | Thevenard Island to Roller 'A' platform | West Australian Petroleum Pty Ltd  | Gas     | 27 | 150 | 1994 |

**NORTHERN TERRITORY**

**Onshore**

|    |  |  |                          |                          |                              |      |
|----|--|--|--------------------------|--------------------------|------------------------------|------|
| 1  | Palm Valley to Alice Springs   | Holyman Limited/<br>NT Gas Pty Ltd           | Gas                      | 146                      | 219                          | 1983 |
| 2  | Mereenie to Alice Springs  | Santos Ltd                                   | Oil                      | 269                      | 219                          | 1985 |
| 4  | Palm Valley to Darwin<br>Mereenie to Tylers Pass<br>Tennant Creek lateral<br>Katherine lateral | NT Gas Pty Ltd                               | Gas<br>Gas<br>Gas<br>Gas | 1512<br>116<br>21<br>6.8 | 356,324<br>273<br>114<br>114 | 1986 |
| 5  | Alice Springs  | Envestra Ltd                                 | Gas                      | 0.52                     | 50, 40                       | 1988 |
| 6  | Ampol ADO #1, Darwin   | Ampol Ltd                                    | Oil                      | 1.86                     | 150                          | 1987 |
| 7  | Brewer Estate  | Central Energy Australia Pty Ltd             | Gas                      | 10                       | 114                          | 1989 |
| 8  | Cosmo Howley lateral   | International Oil Pty Ltd/<br>NT Gas Pty Ltd | Gas                      | 25                       | 90                           | 1988 |
| 10 | Elliot lateral   | NT Gas Pty Ltd                               | Gas                      | 4                        | 60                           | 1990 |
| 11 | Manton Dam   | NT Gas Pty Ltd                               | Gas                      | 0.43                     | 60.3                         | 1989 |
| 15 | Channel Island   | Wesfarmers Kleenheat Gas Pty Ltd             | Gas                      | 0.28                     | 168, 89                      | 1992 |
| 16 | Alice Springs to Yirara College  | Envestra Ltd                                 | Gas                      | 0.013                    | 50                           | 1993 |
| 17 | Daly Waters to McArthur River Mine   | NT Gas Pty Ltd                               | Gas                      | 333                      | 168                          | 1995 |
| 18 | Darwin City Gate to Berrimah   | NT Gas Pty Ltd                               | Gas                      | 19                       | 168                          | 1996 |
| 19 | Mt Todd Mine lateral   | NT Gas Pty Ltd                               | Gas                      | 10                       | 219                          | 1996 |