

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 April 2004**

Department of Industry, Tourism and Resources

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

Secretary: Mark Paterson

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ISSN 1039-0073

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CONTENTS

	PAGE
General Remarks	5
Petroleum Legislation and Titles	5
Key Sector Contacts	6
Petroleum Titles by Companies	8
Key to Petroleum Exploration and Development Titles	
Queensland	
Onshore - Exploration Permit (Territorial)	16
Onshore - Production Licence (Territorial).....	17
Offshore - Exploration Permit (PSLA).....	23
New South Wales	
Onshore - Exploration Permit (Territorial).....	23
Onshore - Production Licence (Territorial).....	24
Offshore - Exploration Permit (PSLA).....	24
Victoria	
Onshore - Exploration Permit (Territorial).....	24
Onshore - Production Licence (Territorial).....	24
Onshore – Retention Lease (Territorial).....	24
Offshore - Exploration Permit (PSLA).....	24
Offshore - Exploration Permit (Territorial)	25
Offshore - Production Licence (PSLA)	24
Offshore - Retention Lease (PSLA).....	25
Offshore - Retention Lease (Territorial)	25
Tasmania	
Onshore - Exploration Permit (Territorial).....	25
Offshore - Exploration Permit (PSLA).....	26
Offshore - Production Licence (PSLA)	26
Offshore - Retention Lease (PSLA).....	26
South Australia	
Onshore - Exploration Permit (Territorial).....	26
Onshore - Production Licence (Territorial).....	27
Offshore - Exploration Permit (PSLA).....	42
Western Australia	
Onshore - Exploration Permit (Territorial).....	42
Onshore - Production Licence (Territorial).....	43
Onshore – Retention Lease (Territorial).....	44
Offshore - Exploration Permit (PSLA).....	44
Offshore - Exploration Permit (Territorial)	46

CONTENTS

	PAGE
Offshore - Production Licence (PSLA)	46
Offshore – Production License (Territorial)	47
Offshore – Retention Lease (PSLA).....	48
Offshore – Retention Lease (Territorial)	49
Northern Territory	
Onshore - Exploration Permit (Territorial).....	49
Onshore - Production Licence (Territorial).....	49
Onshore - Retention Lease (Territorial).....	49
Offshore - Exploration Permit (PSLA).....	49
Offshore - Retention Lease (PSLA).....	50
Territory of Ashmore and Cartier Islands Adjacent Area	
Offshore - Exploration Permit (PSLA).....	50
Offshore - Production Licence (PSLA)	50
Offshore - Retention Lease (PSLA).....	50
Joint Petroleum Development Area	
Offshore - Exploration Permit (JPDA).....	50
Australian Petroleum Pipelines	
Queensland	
Onshore	52
New South Wales	
Onshore	54
Victoria	
Onshore	55
Offshore.....	61
South Australia	
Onshore	63
Western Australia	
Onshore	65
Offshore.....	69
Northern Territory	
Onshore	73

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, the then 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	<i>Petroleum Act 1923-1976</i>
New South Wales	<i>Petroleum (Onshore) Act 1991</i>
Victoria	<i>Petroleum Act 1958</i>
Tasmania	<i>Mining Act 1929</i>
South Australia	<i>Mining (Petroleum Act 1940-1984)</i>
Western Australia	<i>Petroleum Act 1967</i>
Northern Territory	<i>Petroleum Act 1984</i>
Australian Capital Territory	<i>Mining Ordinance 1930</i>

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

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Petroleum Development
Department of Natural Resources and
Environment
7th Floor, 250 Victoria Parade
EAST MELBOURNE VIC 3002

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EAST MELBOURNE VIC 3002
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Resource Development Division
Department of Natural Resources and Mines
Queensland Minerals and Energy Centre
61 Mary Street
BRISBANE QLD 4000

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Web Page: www.nrm.qld.gov.au

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101 Grenfell Street
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Facsimile: (08) 8463 3229
Web Page: www.pir.sa.gov.au

Director
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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

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

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

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DARWIN NT 0801
Telephone: (08) 8999 5511
Facsimile: (08) 8999 5530
Web Page: www.dme.nt.gov.au/

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

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

COMMONWEALTH GOVERNMENT - KEY SECTOR CONTACTS

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Petroleum and International Energy Division
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20 Allara Street
CANBERRA ACT 2600

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Australia
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Facsimile: (02) 6213 7955
Email:
petroleum.exploration@industry.gov.au
Web Page: www.industry.gov.au/petexp

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Facsimile: (02) 6213 6705
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Environment Assessment Branch
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Environment Australia
John Gorton Building
PARKES ACT 2600

PO Box 787
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Facsimile: (02) 6274 1620
Web Page: 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

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

Basin Oil Pty Ltd	
<i>Victoria</i>	VIC/L21, VIC/RL3, VIC/P55
Bass Strait Oil Company Pty Ltd	
<i>Victoria</i>	VIC/P41, VIC/P42, VIC/P47
Batavia Oil & Gas Pty Ltd	
<i>Western Australia</i>	WA-332-P, WA-333-P, WA-342-P, WA-341-P
Beach Oil & Gas Pty Ltd	
<i>South Australia</i>	PEL 83
Beach Petroleum Ltd	
<i>Queensland</i>	PL32, PL47
<i>South Australia</i>	PEL 91, PEL 107, PEL 110, PPL204
<i>Victoria</i>	PRL1
Beach Petroleum NL	
<i>Queensland</i>	ATP269P, PL31, PL32, PL47, PL184
<i>South Australia</i>	PEL 92, PEL 94, PEL 95, PEL 136, PEL 66
<i>Victoria</i>	PPL 11, PEP154, PPL6, PPL9, PPL 10
<i>Western Australia</i>	WA-281-P
Beaconsfield Energy Development Pty Ltd	
<i>Queensland</i>	ATP529P
Benaris International NV	
<i>Tasmania</i>	T/30P
<i>Victoria</i>	VIC/P43, VIC/P38(V)
BHP Billiton (Australia) Pty Ltd	
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/P30
<i>Western Australia</i>	WA-10-L, WA-12-L, WA-12-R, WA-155-P R4
BHP Billiton Petroleum (Australia) Pty Ltd	
<i>Western Australia</i>	WA-294-P
BHP Billiton Petroleum (Bass Strait) Pty Ltd	
<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 R1
BHP Billiton Petroleum (North West Shelf) Pty Ltd	
<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, WA-3-L R1, WA-7-R R1, WA-9-R R1, 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-4-L R1, WA-9-L, WA-296-P, WA-297-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, WA-346-P, TR/5, WA-351-P, R 2, WA-28-R, WA-29-R, WA-30-R, WA-31-R, WA-32-R
BHP Billiton Petroleum (Victoria) Pty Ltd	
<i>Victoria</i>	VIC/RL1, VIC/RL2, VIC/RL7, VIC/P45, VIC/L22
BHP Coal Pty Ltd	
<i>Queensland</i>	PL191, ATP364P
BHP Petroleum (North West Shelf) Pty Ltd	
<i>Western Australia</i>	WA-24-L
Black Rock Resources Australia NL	
<i>Western Australia</i>	EP 419
Bligh Oil and Minerals NL	
<i>Queensland</i>	ATP552P
BNG (Surat) Pty Ltd	
<i>Queensland</i>	ATP722P, ATP645P, ATP684P, ATP693P, ATP688P
BNG Pty Ltd	
<i>Queensland</i>	ATP641P, ATP643P, ATP644P
Bobwyns Pty Ltd	
<i>Queensland</i>	ATP621P
Boggy Creek Pty Ltd	
<i>Victoria</i>	PPL3
Bonaparte Gas & Oil Pty Ltd	
<i>Northern Territory</i>	NT/RL1
<i>Western Australia</i>	WA-18-P R5, WA-6-R, WA-27-R
Bonaparte Gulf Oil & Gas Pty Ltd	
<i>Western Australia</i>	EP 325 R2
Bonnerwell Pty Ltd	
<i>Queensland</i>	ATP619P
Bounty Oil & Gas NL	
<i>New South Wales</i>	PEP 11
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/P25, AC/P27
<i>Western Australia</i>	WA-325-P, WA-327-P, L 4, L 5, TP/15, EP 412, WA-310-P
BP Developments Australia Pty Ltd	
<i>Western Australia</i>	WA-2-L R1, WA-6-L R1, WA-5-L R1, WA-3-L R1, WA-7-R R1, WA-9-R R1, WA-10-R R1, WA-11-L, WA-16-L, WA-1-L R1, WA-28-P R6, WA-33-P R3, WA-4-L R1, WA-9-L, WA-23-L, WA-24-L, TR/5, R 2
BP Exploration (Alpha) Ltd	
<i>Western Australia</i>	WA-267-P, WA-294-P, WA-296-P, WA-297-P, WA-22-R, WA-23-R, WA-24-R, WA-25-R, WA-26-R
BP Petroleum Developments (NWS) Pty Ltd	
<i>Western Australia</i>	WA-275-P, WA-28-R, WA-29-R, WA-30-R, WA-31-R, WA-32-R

Bridge Oil Developments Pty Ltd	
<i>South Australia</i>	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, 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, 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, PPL169
Bridge Oil Exploration Pty Ltd	
<i>Queensland</i>	ATP212P, PL30, PL56, PL74
Brisbane Petroleum NL	
<i>Queensland</i>	PL18, PL40
Burns, Alan Robert	
<i>Western Australia</i>	EP 414 R1
CalEnergy Gas (Aust) Ltd	
<i>Tasmania</i>	T/L1, T/30P, T/RL1 R2, T/18P R3
<i>Victoria</i>	VIC/P43
Canso Resources Ltd	
<i>Northern Territory</i>	L3, L4, L5, RL 2
Capital Consultant Services Pty Ltd	
<i>Western Australia</i>	EP 321 R2, EP 407
Capricorn Energy Pty Ltd	
<i>Queensland</i>	ATP529P
Carnarvon Petroleum NL	
<i>Western Australia</i>	EP 110 R4
CH4 Pty Ltd	
<i>Queensland</i>	PL191, ATP364P
ChevronTexaco Australia Pty Ltd	
<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-3-L R1, WA-7-R R1, WA-9-R R1, EP 62 R6, WA-16-R, WA-17-R, EP 61 R6, L 10, L 11 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-267-P, WA-28-P R6, WA-33-P R3, WA-4-L R1, WA-5-R R1, WA-7-L, WA-9-L, WA-294-P, WA-296-P, WA-297-P, WA-275-P, WA-14-R, WA-205-P R2, WA-15-R, WA-23-L, WA-24-L, WA-2-R R2, WA-3-R R2, TR/5, WA-4-R R2, WA-19-R, WA-20-R, WA-21-R, WA-22-R, WA-23-R, WA-24-R, WA-25-R, WA-26-R, R 2, WA-28-R, WA-29-R, WA-30-R, WA-31-R, WA-32-R
Ciccio Browse Inc	
<i>Western Australia</i>	WA-286-P
Coastal Oil & Gas Australia 20 Pty Ltd	
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/P20
Coastal Oil & Gas Australia 21 Pty Ltd	
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/P21
ConocoPhillips (03-13) Pty Ltd	
<i>Joint Petroleum Development Area</i>	JPDA 03-13
ConocoPhillips (03-21) Pty Ltd	
<i>Joint Petroleum Development Area</i>	JPDA 03-21
ConocoPhillips JPDA Pty Ltd	
<i>Joint Petroleum Development Area</i>	JPDA 03-13
ConocoPhillips Petroleum (03-12) Pty Ltd	
<i>Joint Petroleum Development Area</i>	JPDA 03-12
ConocoPhillips Petroleum (03-20) Pty Ltd	
<i>Joint Petroleum Development Area</i>	JPDA 03-20
ConocoPhillips (03-16) Pty Ltd	
<i>Joint Petroleum Development Area</i>	JPDA 03-16
ConocoPhillips (03-19) Pty Ltd	
<i>Joint Petroleum Development Area</i>	JPDA 03-19
Coogee Resources (AC) Pty Ltd	
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/RL3
Coogee Resources Pty Ltd	
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/L1, AC/L2, AC/L3, AC/RL3
Cooper Energy NL	
<i>South Australia</i>	PEL 92, PEL 93, PEL 100, PEL 110, PPL204

Cooper-Eromanga Oil Inc.	
<i>Queensland</i>	ATP582P
Cosmo Oil Ashmore Ltd	
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/P17
CPC Energy Pty Ltd	
<i>Queensland</i>	ATP299P, PL29, PL38, PL39, PL52, PL57, PL95, PL169, PL170
Crusader (Victoria) Pty Ltd	
<i>Victoria</i>	VIC/RL2
Crux S.A.	
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/P23
Dana Petroleum (E&P) Ltd	
<i>Western Australia</i>	WA-226-P R2
Dana Petroleum (WA) LLC	
<i>Western Australia</i>	WA-226-P R2
David M. Schuette	
<i>South Australia</i>	PEL 73
Daytona Energy Corporation	
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/P32
<i>Western Australia</i>	WA-324-P
Delbaere Associates Pty Ltd	
<i>Queensland</i>	PL18, PL40
Delhi Petroleum Pty Ltd	
<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, PL193
<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, PPL99, PPL91, PPL93, PPL95, PPL97, PPL98, PPL99, PPL100, PPL118, PPL119, PPL120, PPL121, PPL122, PPL123, PPL124, PPL125, PPL126, PPL127, PPL128, PPL132, PPL133, PPL134, PPL139, PPL140, PPL141, PPL142, PPL143, 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, PPL169
Diamond Gas Resources Pty Ltd	
<i>Victoria</i>	VIC/P55
Drillsearch Energy NL	
<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
Dyad-Australia Inc.	
<i>Queensland</i>	ATP554P
Eagle Bay Resources NL	
<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, TP/21
Eastern Energy Australia Pty Ltd	
<i>New South Wales</i>	PEL6, PEL422
Eastern Star Gas Ltd	
<i>New South Wales</i>	PEL434, PEL238, PEL8, PEL424, PEL433
Elcos Pty Ltd	
<i>South Australia</i>	PEL 104
Ely Sakhai	
<i>South Australia</i>	PEL 108, PEL 109, PEL 112
Emet Pty Ltd	
<i>Joint Petroleum Development Area</i>	JPDA 03-12
Empire Oil Company (WA) Ltd	
<i>Western Australia</i>	EP 411, EP 414 R1, EP 415, EP 416, EP 389 R1
EnCana Corporation	
<i>South Australia</i>	EPP31, EPP28, EPP29, EPP30
<i>Victoria</i>	VIC/P48, VIC/P49
<i>Western Australia</i>	WA-278-P

Encana International (Australia) Pty Ltd	
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/P24, AC/P30
Eni (Australia) Pty Ltd	
<i>Western Australia</i>	WA-279-P, WA-280-P, WA-208-P R2, WA-22-L
Eni Australia BV	
<i>Western Australia</i>	WA-328-P, TP/22, WA-326-P, WA-313-P
Eni Australia Ltd	
<i>Western Australia</i>	WA-25-L
Eni JPDA 03-13 Ltd	
<i>Joint Petroleum Development Area</i>	JPDA 03-13
Eni JPDA 03-21 BV	
<i>Joint Petroleum Development Area</i>	JPDA 03-21
Essential Petroleum Resources Ltd	
<i>South Australia</i>	PEL 72
<i>Victoria</i>	VIC/P50, PEP159, PEP152, PEP151, VIC/P46
Esso Australia Resources Ltd	
<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 R1
<i>Western Australia</i>	WA-1-R R2
Euro Pacific Energy Pty Ltd	
<i>Western Australia</i>	EP 406, EP 414 R1, EP 110 R4
Farmout Drillers NL	
<i>Northern Territory</i>	L3, L4
Farmout Drillers Pty Ltd	
<i>Northern Territory</i>	L5, RL 2
First Australian Resources Limited	
<i>Western Australia</i>	EP 395 R1, EP 397 R1, R 1
First Australian Resources NL	
<i>Western Australia</i>	WA-254-P R1, EP 104 R4
Frontier Bonaparte Pty Ltd	
<i>Northern Territory</i>	NT/RL3
Frontier Exploration Ltd	
<i>Western Australia</i>	WA-13-R
G C Graham	
<i>Queensland</i>	ATP713P, ATP719P, ATP741P
Geary, John Kevin	
<i>Western Australia</i>	EP 413 R1, EP 414 R1
Geopetro Resources Company	
<i>Western Australia</i>	EP 381 R1, EP 408 R1
Global Petroleum Limited	
<i>Queensland</i>	ATP728P, ATP729P, ATP731P
Globex Far East Pty Ltd	
<i>Western Australia</i>	WA-15-L, WA-209-P R2, WA-246-P R1
Go Resources (Aust) Pty Ltd	
<i>New South Wales</i>	PEL419, PEL420
Goldborough Energy Pty Ltd	
<i>Western Australia</i>	WA-332-P, WA-333-P, WA-342-P, WA-341-P
Golden West Hydrocarbons Pty Ltd	
<i>Queensland</i>	PL17
Goodrich Petroleum Company	
<i>Western Australia</i>	EP 395 R1, EP 397 R1
Great Artesian Oil & Gas Ltd	
<i>Queensland</i>	ATP539P, ATP552P
<i>South Australia</i>	PEL 91, PEL 107, EPP27
Great Southland Minerals Pty Ltd	
<i>Tasmania</i>	EL13/98
Gulf Energy Pty Ltd	
<i>Queensland</i>	Q/23P
Gulliver Productions Pty Ltd	
<i>Western Australia</i>	EP 104 R4, R 1
Hamilbent Pty Ltd	
<i>Queensland</i>	ATP688P
Hardman Oil and Gas Pty Ltd	
<i>Western Australia</i>	EP 368 R2, L 4, L 5, TP/15, EP 413 R1, EP 110 R4
Harlow Australia Pty Ltd	
<i>New South Wales</i>	PEL443
<i>Queensland</i>	ATP618P
Hawkestone Oil Pty Ltd	
<i>Western Australia</i>	WA-332-P, WA-333-P, WA-342-P, WA-341-P
Helm Energy Australia LLC	
<i>Queensland</i>	ATP564P, ATP602P
Hughes and Hughes Australia Pty Ltd	
<i>South Australia</i>	PEL 105
Hughes, Dan Allen	
<i>Western Australia</i>	EP 414 R1

Hughes, Dudley Joe	
<i>Western Australia</i>	EP 414 R1
Hyland Bay Pty Ltd	
<i>Queensland</i>	ATP552P
Icon Energy Ltd	
<i>Queensland</i>	ATP594P, ATP649P
<i>Western Australia</i>	WA-331-P, EP 423, TP/21
Idemitsu Oil Exploration (Barrow) Pty Ltd	
<i>Western Australia</i>	WA-264-P, WA-264-P R1
Indigo Oil Pty Ltd	
<i>Western Australia</i>	EP 104 R4, R 1
Indo-Pacific Energy Australia Ltd	
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/P19, AC/P26, AC/P31
Inland Oil (Production) Pty Ltd	
<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
Innamincka Petroleum Ltd	
<i>South Australia</i>	PEL 103
Innovative Technological Geo-Exploration Pty Ltd	
<i>Northern Territory</i>	EP 69
<i>Queensland</i>	PL98
Inpex Alpha Ltd	
<i>Tasmania</i>	T/33P
<i>Victoria</i>	VIC/P51, VIC/P52, VIC/P42, VIC/P45
<i>Western Australia</i>	WA-10-L, WA-311-P, WA-155-P R4
Inpex Browse Ltd	
<i>Western Australia</i>	WA-285-P, WA-288-P
Inpex Sahul Ltd	
<i>Joint Petroleum Development Area</i>	JPDA 03-12
Inpex Timor Sea Ltd	
<i>Joint Petroleum Development Area</i>	JPDA 03-01
Interstate Pipelines Pty Ltd	
<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
IOR Exploration (NT) Pty Ltd	
<i>Northern Territory</i>	EP 69
IOR Exploration Pty Ltd	
<i>Queensland</i>	ATP548P, PL98
Jakabar Pty Ltd	
<i>Queensland</i>	ATP626P
Japan Australia LNG (MIMI) Pty Ltd	
<i>Western Australia</i>	WA-2-L R1, WA-6-L R1, WA-5-L R1, WA-3-L R1, WA-7-R R1, WA-9-R R1, WA-10-R R1, WA-11-L, WA-16-L, WA-1-L R1, WA-28-P R6, WA-4-L R1, WA- 9-L, WA-294-P, WA-296-P, WA-297-P, WA-23-L, WA-24-L
JED North West Shelf Pty Ltd	
<i>Western Australia</i>	EP 137 R4
Karoon Gas Pty Ltd	
<i>Victoria</i>	PEP162
Kerr McGee NW Shelf Energy Australia Pty Ltd	
<i>South Australia</i>	EPP33
<i>Western Australia</i>	WA-337-P, WA-339-P
Kerr-McGee Exploration and Production Australia Pty Ltd	
<i>Western Australia</i>	WA-302-P
Kerr-McGee NW Shelf Australia Energy Pty Ltd	
<i>Western Australia</i>	WA-278-P, WA-301-P, WA-303-P, WA-304-P, WA-305-P
Kimberly Energy Group Pty Ltd	
<i>Northern Territory</i>	RL 1
<i>Western Australia</i>	EP 386 R1
Kimberley Oil NL	
<i>Western Australia</i>	EP 104 R4, EP 371 R1, EP 390 R1, EP 391 R1, R 1
Kingston Petroleum Pty Ltd	
<i>Queensland</i>	ATP682P
Knight Industries Pty Ltd	
<i>Victoria</i>	PEP165, PEP161
Korea National Oil Corporation	
<i>Western Australia</i>	EP 408 R1
Kreznel, Jan	
<i>Queensland</i>	ATP723P
Kufpec Australia Pty Ltd	
<i>Western Australia</i>	TL/9, WA-335-P, EP 358 R1, TL/1, TL/5, TL/6, WA-191-P R3, WA-8-L, TL/8, TP/ 8 R2, WA-192-P R3, EP 307 R3, TR/1, TR/2, EP 363 R2, WA-246- P R1, WA-248-P R1, WA-257-P R1

Lakes Oil NL	
<i>South Australia</i>	PEL 57
<i>Victoria</i>	PEP152
Lansvale Oil and Gas Pty Ltd	
<i>Western Australia</i>	EP 359 R1, EP 41 R6
Liberty Petroleum Corporation	
<i>Queensland</i>	ATP616P
<i>South Australia</i>	PEL 88, PEL 100
<i>Western Australia</i>	WA-314-P, WA-315-P
Lion Energy Ltd	
<i>South Australia</i>	PEL 86, PEL 87, PEL 89, PEL 104, PEL 111, PEL 115
Longreach Oil Ltd	
<i>Western Australia</i>	EP 369 R1, EP 405, EP 410
Lowell Petroleum NL	
<i>Queensland</i>	ATP564P, ATP602P
Magellan Petroleum (Eastern) Pty Ltd	
<i>Queensland</i>	ATP267P, ATP613P, PL33, PL50, PL51
Magellan Petroleum (NT) Pty Ltd	
<i>Northern Territory</i>	L3, L4, L5, RL 2
<i>South Australia</i>	PEL 94, PEL 95
Magellan Petroleum (Southern) Pty Ltd	
<i>South Australia</i>	PEL 110
Magellan Petroleum (WA) Pty Ltd	
<i>Western Australia</i>	WA-287-P, WA-288-P, WA-291-P, WA-306-P, WA-307-P, WA-311-P
Magnum Gold NL	
<i>New South Wales</i>	PEL440, PEL439
Maneroo Oil Company Ltd	
<i>Queensland</i>	ATP556P, ATP566P
Maple Oil NL	
<i>Queensland</i>	ATP552P
Mawson Petroleum NL	
<i>Queensland</i>	PL189, PL23, PL24, PL25, PL26, PL31, PL31, PL32, PL32, PL35, PL36, PL47, PL47, PL149
Mawson Petroleum Pty Ltd	
<i>Queensland</i>	PL62, PL76, PL77, PL78, PL79, PL82, PL87, PL105, PL107, PL109, PL133, PL175, PL181, PL182
<i>South Australia</i>	PEL 90, PPL203
Metgasco Pty Ltd	
<i>New South Wales</i>	PEL16
Millennium Resources Qld Pty Ltd	
<i>Queensland</i>	ATP587P
Mirboo Ridge Pty Ltd	
<i>South Australia</i>	PEL 57
<i>Victoria</i>	PEP163, PEP164
Mobil (Legendre) Pty Ltd	
<i>Western Australia</i>	WA-14-L
Mobil Australia Resources Company Pty Ltd	
<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, EP 62 R6, WA-16-R, WA-25-L, EP 61 R6, L 10, L 1H R1, TL/3, TL/4, TL/7, TP/ 2 R2, WA-12-L, WA-267-P, 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, WA-2-R R2, WA-3-R R2, WA-4-R R2, WA-22-R, WA-23-R, WA-24-R, WA-25-R, WA- 26-R
Mobil Exploration and Producing Australia Pty Ltd	
<i>Western Australia</i>	WA-18-R, WA-10-L
Molopo Australia NL	
<i>New South Wales</i>	PEL13, PEL285, PEL426
Moonie Oil Co Ltd	
<i>Northern Territory</i>	L4
Moonie Oil Pty Ltd	
<i>Northern Territory</i>	RL 2
Moroil Pty Ltd	
<i>Northern Territory</i>	EP 69
<i>Queensland</i>	PL98
Mosaic Oil NL	
<i>Queensland</i>	ATP212P, PL30, PL46, PL56, PL74, PL119
<i>Western Australia</i>	WA-208-P R2
Mosaic Oil QLD Pty Ltd	
<i>Queensland</i>	ATP212P, ATP471P, PL48, PL49, PL56, PL66, PL74, PL15, PL16, ATP709P, PL192
Narrabri Power Ltd	
<i>New South Wales</i>	PPL 3
National Oil & Gas Pty Ltd	
<i>Northern Territory</i>	NT/P62, NT/P63, NT/P64, NT/P65
<i>Western Australia</i>	WA-343-P, WA-344-P
Nations Natural Gas Pty Ltd	
<i>Northern Territory</i>	NT/P62, NT/P63, NT/P64, NT/P65
Nerdlihc Company Inc	
<i>Western Australia</i>	EP 374 R1, EP 375 R1, EP 376 R1

Shell Development (Australia) Pty Ltd	
<i>Northern Territory</i>	NT/P48, NT/P55, NT/P57, NT/RL2 R1
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/L5, AC/P8 R4
<i>Western Australia</i>	WA-2-L R1, WA-6-L R1, WA-5-L R1, WA-3-L R1, WA-7-R R1, WA-9-R R1, WA-16-R, WA-10-R R1, WA-11-L, WA-16-L, WA-267-P, WA-28-P R6, WA-33-P R3, WA-4-L R1, WA-5-R R1, WA-9-L, WA-294-P, WA-296-P, WA-297-P, WA-275-P, WA-14-R, WA-205-P R2, WA-313-P, WA-23-L, WA-24-L, WA-2-R R2, WA-3-R R2, WA-4-R R2, WA-22-R, WA-23-R, WA-24-R, WA-25-R, WA-26-R, R2, WA-28-R, WA-29-R, WA-30-R, WA-31-R, WA-32-R

Shell Development (PSC 19) Pty Ltd	
<i>Joint Petroleum Development Area</i>	JPDA 03-19

Shogoil Australia Pty Ltd	
<i>Queensland</i>	ATP578P

SK Corporation	
<i>Western Australia</i>	WA-338-P, WA-278-P

Southern Amity Inc	
<i>Western Australia</i>	EP 381 R1, EP 408 R1

Springfield Oil & Gas Ltd	
<i>South Australia</i>	PEL 86, PEL 87, PEL 89, PEL 104, PEL 111, PEL 115
<i>Western Australia</i>	EP 414 R1

Starzap Pty Ltd	
<i>Queensland</i>	ATP647P

Strata Resources NL	
<i>Western Australia</i>	WA-329-P, WA-330-P, WA-321-P, WA-322-P, WA-323-P

Strike Oil NL	
<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, EP 341 R2, WA-312-P, EP 420, TP/18

Stuart Petroleum Ltd	
<i>South Australia</i>	PEL 90, PEL 113, PPL203

Stuart Petroleum NL	
<i>South Australia</i>	PEL 102, PEL 93

Sun Resources NL	
<i>New South Wales</i>	PEL444
<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, WA-257-P R1

Sweetpea Corporation Pty Ltd	
<i>Northern Territory</i>	EP 98, EP 76, EP 99

Sydney Gas (Camden) Operations Pty Ltd	
<i>New South Wales</i>	PPL 1, PPL 2

Sydney Gas Operations Pty Ltd	
<i>New South Wales</i>	PEL2, PEL267, PEL4, PEL5, PEL441

Sykes Ian Grant	
<i>Queensland</i>	PL72, PL73

Tacnas Pty Ltd	
<i>South Australia</i>	PEL 86, PEL 87, PEL 89, PEL 104, PEL 111, PEL 115

Tap (Harriet) Pty Ltd	
<i>Western Australia</i>	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, EP 363 R2, WA-246-P R1, WA-334-P

TAP (SHELFAL) Pty Ltd	
<i>Western Australia</i>	TP/20, EP 364 R1, EP 395 R1, WA-8-L, WA-291-P, WA-149-P R3, EP 137 R4, EP 341 R2, EP 403 R1, EP 397 R1

TAP Oil Limited	
<i>Western Australia</i>	EP 420, TP/18

Tap Oil NL	
<i>Western Australia</i>	WA-278-P

Tap West Pty Ltd	
<i>Western Australia</i>	WA-25-L, WA-22-L

Terratek Drilling Tools Pty Ltd	
<i>Western Australia</i>	L 6, L 8, EP 129 R4

Texaco Australia Pty Ltd	
<i>Western Australia</i>	WA-18-R, L 12, L 13, TR/4, EP 357 R2, EP 62 R6, WA-16-R, WA-17-R, EP 61 R6, L 10, L 11 R1, TL/3, TL/4, TL/7, TP/ 2 R2, WA-253-P R1, WA-267-P, WA-268-P, WA-5-R R1, WA-192-P R3, WA-205-P R2, WA-2-R R2, WA-3-R R2, WA-19-R, WA-20-R, WA-21-R, WA-22-R, WA-23-R, WA-24-R, WA-25-R, WA-26-R

Texaco Barcoo Pty Ltd	
<i>Western Australia</i>	WA-303-P, WA-305-P

Texaco Copernicus P/L	
<i>Western Australia</i>	WA-302-P

Timor Oil Ltd	
<i>Queensland</i>	PL17

Tipperary Oil & Gas (Australia) Pty Ltd	
<i>Queensland</i>	ATP554P, ATP655P, ATP675P

TMOC Exploration Pty Ltd	
<i>Victoria</i>	PEP160

Todd Petroleum Australia Ltd	
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/P20

Tokyo Timor Sea Resources Pty Ltd	
<i>Joint Petroleum Development Area</i>	JPDA 03-13

Trans-Orient Petroleum Ltd	
<i>Territory of Ashmore and Cartier Islands Adjacent Area</i>	AC/P26

Transoil (NT) Pty Ltd	
<i>Northern Territory</i>	L5

Transoil Pty Ltd	
<i>Northern Territory</i>	L4, RL 2

Tri-C Resources Inc.	
<i>South Australia</i>	PEL 105

Tri-Star Petroleum Company	
<i>Queensland</i>	ATP653P, ATP703P, ATP526P, PL90, PL91, PL92, PL99, PL100, ATP664P, ATP665P, ATP706P, ATP707P, ATP708P, ATP735P, ATP745P

Trinity Gas Resources Pty Ltd	
<i>Victoria</i>	VIC/L21, VIC/RL3

Triple J Resources Pty Ltd	
<i>Queensland</i>	ATP594P

TSP Arafura Petroleum Pty Ltd	
<i>Northern Territory</i>	NT/P60, NT/P68

Tubridgi Petroleum Pty Ltd	
<i>Western Australia</i>	L 9

TXU Gas Storage Pty Ltd	
<i>Victoria</i>	PPL1, PPL2

Uncol South Asean Ltd	
<i>Tasmania</i>	T/32P
<i>Victoria</i>	VIC/P52

United Oil & Gas Co (NT) Pty Ltd	
<i>Northern Territory</i>	L4

Unocal South Australia Ltd	
<i>Tasmania</i>	T/35P, T/36P

Vamgas Pty Ltd	
<i>Queensland</i>	PL187, PL188, PL189, PL151, PL152, PL155, PL156, 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, PL197, 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, PL193

<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, 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, 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, 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Voyager (PB) Ltd

Western Australia WA-325-P, WA-327-P, EP 104 R4, EP 368 R2, TP/15, EP 413 R1, WA-349-P, R 1

Voyager Ltd

Western Australia WA-286-P

Wandoo Petroleum Pty Ltd

Tasmania T/L1
*Territory of Ashmore and
Cartier Islands Adjacent
Area* AC/P24

Western Australia WA-286-P, WA-14-L, WA-256-P R1, WA-202-P R2, WA-257-P R1

Wenk, Andrew

South Australia PEL 82

West Oil NL

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

Western Australia EP 341 R2, WA-310-P

Westranch Holdings Pty Ltd

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

Western Australia EP 364 R1, EP 368 R2, TP/15

Woodside Eastern Energy Pty Ltd

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

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

Woodside Energy Ltd

Northern Territory NT/P55, NT/P57, NT/RL2 R1

South Australia EPP31, EPP28, EPP29, EPP30

Tasmania T/30P, T/34P

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

Victoria VIC/P43, VIC/P37(V)

Western Australia WA-254-P R1, WA-2-L R1, WA-6-L R1, WA-5-L R1, WA-3-L R1, WA-7-R R1, WA-9-R R1, WA-279-P, WA-280-P, 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-28-P R6, WA-33-P R3, WA-4-L R1, WA-9-L, WA-293-P, WA-294-P, WA-296-P, WA-297-P, WA-275-P, WA-20-L, WA-242-P R1, WA-248-P R1, WA-313-P, WA-271-P R1, TR/5, WA-347-P, WA-348-P, WA-350-P, R 2, WA-28-R, WA-29-R, WA-30-R, WA-31-R, WA-32-R

Woodside Oil Ltd

Western Australia WA-191-P R3

Woodside Petroleum (Timor Sea 1) Pty Ltd

*Joint Petroleum Development
Area* JPDA 03-01

Woodside Petroleum (Timor Sea 19) Pty Ltd

*Joint Petroleum Development
Area* JPDA 03-19

Woodside Petroleum (Timor Sea 20) Pty Ltd

*Joint Petroleum Development
Area* JPDA 03-20

ZOCA 96-16 Pty Ltd

*Joint Petroleum Development
Area* JPDA 03-16

ZOCA Pty Ltd

*Joint Petroleum Development
Area* JPDA 03-16

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title	Company (Operator*)	Equity	Expiry Date
Queensland			
Onshore			
Exploration Permit			
Legislation Group: Territorial		Sq km approximate	
ATP212P	Bowen/Surat Basin	Blocks: 5 Sq Km: 371	31/07/2005
Angari Pty Ltd*		49.00	
Bridge Oil Exploration Pty Ltd		7.50	
Mosaic Oil NL		10.00	
Mosaic Oil QLD Pty Ltd		6.00	
Origin Energy CSG Ltd		20.00	
Santos (BOL) Pty Ltd		7.50	
ATP259P	Cooper/Eromanga Basin	Blocks: 378 Sq Km: 28 106	31/12/2006 Renewal Pending
Santos Ltd*		50.00	
Delhi Petroleum Pty Ltd		50.00	
ATP267P	Cooper/Eromanga Basin	Blocks: 12 Sq Km: 740	30/11/2007 Renewal Pending
Santos QNT Pty Ltd*		51.30	
Magellan Petroleum (Eastern) Pty Ltd		40.94	
Santos Gnuco Pty Ltd		7.77	
ATP269P	Cooper/Eromanga Basin	Blocks: 18 Sq Km: 2 404	31/12/2003 Renewal Pending
Beach Petroleum NL*		68.29	
Australian Gasfields Ltd		19.24	
Inland Oil (Production) Pty Ltd		4.91	
Petromin NL		7.57	
ATP299P	Cooper/Eromanga Basin	Blocks: 24 Sq Km: 1 858	31/12/2004
Santos QNT Pty Ltd*		77.00	
CPC Energy Pty Ltd		1.00	
Drillsearch Energy NL		10.00	
Santos (299) Pty Ltd		12.00	
ATP333P	Bowen/Surat Basin	Blocks: 5 Sq Km: 415	31/05/2005
Victoria International Petroleum NL*		64.00	
Victoria Oil Pty Ltd		36.00	
ATP336P	Bowen/Surat Basin	Blocks: 28 Sq Km: 2 318	30/09/2003 Renewal Pending
Associated Petroleum Pty Ltd*		85.00	
Interstate Pipelines Pty Ltd		15.00	
ATP337P	Bowen/Surat Basin	Blocks: 100 Sq Km: 7 744	30/09/2003 Renewal Pending
Santos Petroleum Operations Pty Ltd*		50.00	
Origin Energy CSG Ltd		50.00	
ATP364P	Bowen Basin	Blocks: 92 Sq Km: 8 467	28/02/2006
BHP Coal Pty Ltd*		99.00	
CH4 Pty Ltd		1.00	
ATP375P	Bowen/Surat Basin	Blocks: 3 Sq Km: 249	30/09/2006
Origin Energy CSG Ltd*		100.00	
ATP465P	Bowen/Surat Basin	Blocks: 2 Sq Km: 155	31/08/2001 Renewal Pending
Queensland Gas Company Ltd*		75.00	
Roma Petroleum NL		5.00	
Victoria Petroleum NL		20.00	
ATP470P	Bowen/Surat Basin	Blocks: 12 Sq Km: 892	28/02/2007 Renewal Pending
Origin Energy CSG Ltd*		100.00	
ATP471P	Bowen/Surat Basin	Blocks: 22 Sq Km: 1 633	28/02/2007 Renewal Pending
Mosaic Oil QLD Pty Ltd*		100.00	
ATP526P	Bowen/Surat Basin	Blocks: 37 Sq Km: 3 177	31/10/2004
Tri-Star Petroleum Company*		100.00	
ATP529P	Eromanga/Galilee Basin	Blocks: 181	30/11/2004
Capricorn Energy Pty Ltd*		50.00	
Beaconsfield Energy Development Pty Ltd		50.00	
ATP539P	Eromanga Basin	Blocks: 77 Sq Km: 6 392	31/01/2005 Renewal Pending
Great Artesian Oil & Gas Ltd*		100.00	
ATP543P	Cooper/Eromanga Basin	Blocks: 52 Sq Km: 5 562	31/01/2005
Vernon E. Faulconer Australia Inc*		100.00	
ATP545P	Cooper/Eromanga Basin	Blocks: 25 Sq Km: 4 151	31/01/2005 Renewal Pending
Roma Petroleum Company Pty Ltd*		100.00	
ATP548P	Cooper/Eromanga Basin	Blocks: 35 Sq Km: 2 906	31/03/2005
IOR Exploration Pty Ltd*		100.00	
ATP549P	Cooper/Eromanga Basin	Blocks: 99 Sq Km: 9 464	30/04/2005
Australian Gasfields Ltd*		100.00	

Title	Company (Operator*)	Equity	Expiry Date
ATP552P	Bowen/Surat Basin	Blocks: 6 Sq Km: 515	30/06/2001 Renewal Pending
Great Artesian Oil & Gas Ltd*		25.45	
Bigh Oil and Minerals NL		44.39	
Hyland Bay Pty Ltd		2.12	
Maple Oil NL		6.06	
Vargas Pty Ltd		21.97	
ATP553P	Bowen/Surat Basin	Blocks: 14 Sq Km: 1 162	30/11/2005
Santos Petroleum Operations Pty Ltd*		50.00	
Origin Energy CSG Ltd		50.00	
ATP554P	Eromanga Basin	Blocks: 6 Sq Km: 498	30/11/2001 Renewal Pending
Dyad-Australia Inc.*		75.00	
Tipperary Oil & Gas (Australia) Pty Ltd		25.00	
ATP556P	Eromanga Basin	Blocks: 41 Sq Km: 3 404	30/11/2001 Renewal Pending
Maneroo Oil Company Ltd*		100.00	
ATP560P	Cooper/Eromanga Basin	Blocks: 23 Sq Km: 2 633	30/11/2005
Oil Wells of Kentucky Inc.*		100.00	
ATP564P	Bowen/Surat Basin	Blocks: 44 Sq Km: 3 778	30/04/2006
Oil Company of Australia (Moura) Pty Ltd*		50.00	
Helm Energy Australia LLC		25.00	
Lowell Petroleum NL		25.00	
ATP566P	Eromanga Basin	Blocks: 7 Sq Km: 542	31/05/1998 Renewal Pending
Maneroo Oil Company Ltd*		100.00	
ATP567P	Eromanga Basin	Blocks: 154 Sq Km: 17 888	30/04/2006
Pagehurst Pty Ltd*		100.00	
ATP574P	Bowen/Surat Basin	Blocks: 4 Sq Km: 429	30/04/2006
Victoria Petroleum NL*		75.00	
Australian Coalbed Methane Pty Ltd		6.25	
Seqoil Pty Ltd		18.75	
ATP578P	Eromanga Basin	Blocks: 65 Sq Km: 5 033	30/06/1998 Renewal Pending
Shogoil Australia Pty Ltd*		100.00	
ATP582P	Eromanga Basin	Blocks: 365 Sq Km: 28 264	31/07/1998 Renewal Pending
Cooper-Eromanga Oil Inc.*		100.00	
ATP584P	Bowen/Surat Basin	Blocks: 12 Sq Km: 915	31/07/2006
Origin Energy CSG Ltd*		100.00	
ATP587P	Eromanga Basin	Blocks: 12 Sq Km: 996	31/07/1998 Renewal Pending
Millennium Resources Qld Pty Ltd*		50.00	
Adenmere Pty Ltd		50.00	
ATP589P	Cooper/Eromanga Basin	Blocks: 197 Sq Km: 14 945	31/08/1998 Renewal Pending
Victoria Oil Exploration (1977) Pty Ltd*		60.00	
Seqoil Pty Ltd		40.00	
ATP592P	Bowen/Surat Basin	Blocks: 33 Sq Km: 3 520	31/08/2002 Renewal Pending
Origin Energy CSG Ltd*		100.00	
ATP593P	Bowen/Surat Basin	Blocks: 15 Sq Km: 2 232	30/09/2006
Azeeza Pty Ltd*		60.00	
Seqoil Pty Ltd		40.00	
ATP594P	Cooper/Eromanga Basin	Blocks: 20 Sq Km: 1 549	30/09/1998 Renewal Pending
Icon Energy Ltd*		50.00	
Triple J Resources Pty Ltd		50.00	
ATP602P	Bowen/Surat Basin	Blocks: 8 Sq Km: 1 030	31/12/2006
Helm Energy Australia LLC*		25.00	
Lowell Petroleum NL		25.00	
Oil Company of Australia (Moura) Pty Ltd		50.00	
ATP606P	Bowen/Surat Basin	Blocks: 38 Sq Km: 3 263	31/10/2006
Origin Energy CSG Ltd*		100.00	
ATP608P	Bowen/Surat Basin	Blocks: 53 Sq Km: 4 551	30/11/2006
Victoria Petroleum NL*		60.00	
Seqoil Pty Ltd		40.00	
ATP610P	Bowen/Surat Basin	Blocks: 3 Sq Km: 387	31/12/2004
Pangaea Oil and Gas Pty Ltd*		36.25	
Queensland Gas Pty Ltd		63.75	
ATP613P	Maryborough Basin	Blocks: 15 Sq Km: 1 546	31/03/2007
Magellan Petroleum (Eastern) Pty Ltd*		100.00	
ATP616P	Cooper/Eromanga Basin	Blocks: 8 Sq Km: 619	31/10/1999 Renewal Pending
Liberty Petroleum Corporation*		100.00	
ATP618P	Eromanga Basin	Blocks: 151 Sq Km: 11 693	07/01/2000 Renewal Pending
Harlow Australia Pty Ltd*		100.00	
ATP619P	Eromanga Basin	Blocks: 34 Sq Km: 2 633	29/02/2004 Renewal Pending
Bonnerwell Pty Ltd*		100.00	

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title				
Accumulation				
Company (Operator*)		Equity		Expiry Date
ATP620P	Surat Basin	Blocks: 6	Sq Km: 515	28/02/2004 Renewal Pending
				Pangaea Oil And Gas Pty Ltd* 43.75
				Queensland Gas Company Ltd 56.25
ATP621P	Bowen/Surat Basin	Blocks: 7	Sq Km: 601	29/02/2004 Renewal Pending
				Bobwyns Pty Ltd* 95.00
				Queensland Gas Company Ltd 5.00
ATP623P	Bowen/Surat Basin	Blocks: 2	Sq Km: 172	29/02/2004 Renewal Pending
				Origin Energy CSG Ltd* 100.00
ATP626P	Bowen/Surat Basin	Blocks: 30	Sq Km: 2 323	31/08/1999 Renewal Pending
				Jakabar Pty Ltd* 100.00
ATP631P	Bowen/Surat Basin	Blocks: 21	Sq Km: 2 092	31/08/2005
				Origin Energy CSG Ltd* 100.00
ATP632P	Bowen/Surat Basin	Blocks: 53	Sq Km: 3 719	31/05/2005
				Queensland Gas Company Ltd* 100.00
ATP641P	Clarence/Moreton Basin	Blocks: 122	Sq Km: 9 447	31/05/2006
				BNG Pty Ltd* 100.00
ATP643P	Clarence/Moreton Basin	Blocks: 9	Sq Km: 3 177	31/10/2003 Renewal Pending
				BNG Pty Ltd* 100.00
ATP644P	Clarence/Moreton Basin	Blocks: 26	Sq Km: 3 177	31/10/2003 Renewal Pending
				BNG Pty Ltd* 100.00
ATP645P	Bowen/Surat Basin	Blocks: 24	Sq Km: 2 400	31/12/2003 Renewal Pending
				BNG (Surat) Pty Ltd* 100.00
ATP647P	Bowen/Surat Basin	Blocks: 11	Sq Km: 944	31/07/2005
				Starzap Pty Ltd* 100.00
ATP648P	Bowen/Surat Basin	Blocks: 18	Sq Km: 2 710	31/10/2004
				Queensland Gas Pty Ltd* 62.50
				Pangaea Oil and Gas Pty Ltd 37.50
ATP649P	Bowen/Surat Basin	Blocks: 8	Sq Km: 619	30/11/2004
				Icon Energy Ltd* 100.00
ATP651P	Bowen/Surat Basin	Blocks: 19	Sq Km: 1 936	31/10/2004
				Queensland Gas Company Ltd* 100.00
ATP653P	Bowen/Surat Basin	Blocks: 5		30/09/2006
				Tri-Star Petroleum Company* 100.00
ATP654P	Bowen/Surat Basin	Blocks: 12	Sq Km: 929	31/12/2004
				Victoria Petroleum Ltd* 60.00
				Sequoil Pty Ltd 40.00
ATP655P	Bowen/Surat Basin	Blocks: 4	Sq Km: 1 549	31/10/2007
				Tipperary Oil & Gas (Australia) Pty Ltd* 100.00
ATP663P	Surat Basin	Blocks: 33		30/09/2006
				Origin Energy CSG Ltd* 100.00
ATP664P	Surat Basin	Blocks: 17		31/08/2007
				Tri-Star Petroleum Company* 100.00
ATP665P	Bowen/Surat Basin	Blocks: 18		31/10/2007
				Tri-Star Petroleum Company* 100.00
ATP675P	Bowen/Surat Basin	Blocks: 11	Sq Km: 3 562	29/02/2004
				Tipperary Oil & Gas (Australia) Pty Ltd* 100.00
ATP676P	Bowen/Surat Basin	Blocks: 69	Sq Km: 5 343	30/09/2004
				Australian Coalbed Methane Pty Ltd* 100.00
ATP679P	unknown Basin	Blocks: 11	Sq Km: 852	28/02/2005
				Arrow Energy NL* 100.00
ATP680P	Bowen/Surat Basin	Blocks: 23	Sq Km: 2 323	30/11/2004
				Origin Energy CSG Ltd* 100.00
ATP682P	Bowen/Surat Basin	Blocks: 1	Sq Km: 77	29/02/2004 Renewal Pending
				Kingston Petroleum Pty Ltd* 100.00
ATP683P	Clarence/Moreton Basin	Blocks: 72	Sq Km: 8 307	29/02/2004 Renewal Pending
				Arrow Energy NL* 100.00
ATP684P	Bowen Basin	Blocks: 35	Sq Km: 2 689	31/07/2005
				BNG (Surat) Pty Ltd* 100.00
ATP685P	Bowen/Surat Basin	Blocks: 12	Sq Km: 1 162	30/04/2004
				Santos QNT Pty Ltd* 100.00
ATP686P	Clarence/Moreton Basin	Blocks: 34	Sq Km: 2 600	30/11/2005
				Arrow Energy NL* 100.00
ATP688P	Bowen Basin	Blocks: 100		28/02/2007
				Samson-International (Australia) Pty Ltd* 60.00
				BNG (Surat) Pty Ltd 20.00
				Hamilbent Pty Ltd 20.00
ATP689P	Bowen/Surat Basin	Blocks: 59	Sq Km: 4 374	30/11/2004
				Australian Coalbed Methane Pty Ltd* 100.00
ATP692P	Bowen/Surat Basin	Blocks: 15	Sq Km: 1 549	30/11/2004
				Origin Energy CSG Ltd* 100.00
ATP693P	Bowen Basin	Blocks: 38	Sq Km: 2 925	30/11/2005
				BNG (Surat) Pty Ltd* 100.00

Title				
Accumulation				
Company (Operator*)		Equity		Expiry Date
ATP695P	Bowen/Surat Basin	Blocks: 1	Sq Km: 75	28/02/2002 Renewal Pending
				Queensland Gas Company Ltd* 60.00
				Roma Petroleum NL 32.00
				Victoria Petroleum NL 8.00
ATP698	Bowen/Surat Basin	Blocks: 6		30/09/2006
				Origin Energy CSG Ltd* 100.00
ATP700P	New England Fold Belt Basin	Blocks: 29		31/03/2007
				Arrow Energy NL* 100.00
ATP701P	Bowen/Surat Basin	Blocks: 6		30/11/2004
				Origin Energy CSG Ltd* 50.00
				Origin Energy CSG Marketing Pty Ltd 50.00
ATP702P	Bowen/Surat Basin	Blocks: 9		28/02/2007
				Origin Energy CSG Ltd* 100.00
ATP703P	Bowen/Surat Basin	Blocks: 15		30/09/2006
				Tri-Star Petroleum Company* 100.00
ATP706P	Surat Basin	Blocks: 11		05/10/2007
				Tri-Star Petroleum Company* 100.00
ATP707P	Surat Basin	Blocks: 22		06/10/2007
				Tri-Star Petroleum Company* 100.00
ATP708P	Bowen/Surat Basin	Blocks: 12		30/09/2007
				Tri-Star Petroleum Company* 100.00
ATP709P	Bowen/Surat Basin	Blocks: 8	Sq Km: 859	31/08/2005
				Mosaic Oil QLD Pty Ltd* 100.00
ATP713P	Surat Basin	Blocks: 20		31/12/2007
				G C Graham* 100.00
ATP716P	New England Fold Belt Basin	Blocks: 95		31/10/2007
				Arrow Energy NL* 100.00
ATP719P	Eromanga Basin	Blocks: 11		31/12/2007
				G C Graham* 100.00
ATP722P	Bowen Basin	Blocks: 18		20/11/2006
				Samson-International (Australia) Pty Ltd* 60.00
				BNG (Surat) Pty Ltd 40.00
ATP723P	Bowen/Surat Basin	Blocks: 9		11/05/2007
				Rudkowski, Bogdan* 50.00
				Kreznel, Jan 50.00
ATP728P	Bowen/Surat Basin	Blocks: 6		07/08/2006
				Global Petroleum Limited* 100.00
ATP729P	Bowen/Surat Basin	Blocks: 37		03/08/2006
				Global Petroleum Limited* 100.00
ATP731P	Bowen/Surat Basin	Blocks: 5		03/08/2006
				Global Petroleum Limited* 100.00
ATP735P	Bowen Basin	Blocks: 19		27/08/2007
				Tri-Star Petroleum Company* 100.00
ATP741P	Eromanga Basin	Blocks: 10		31/12/2007
				G C Graham* 100.00
ATP745P	Bowen Basin	Blocks: 8		12/10/2007
				Tri-Star Petroleum Company* 100.00
ATP754P	Bowen/Surat Basin	Blocks: 80		03/08/2007
				Ausam Resources NL* 100.00
Production Licence				
Legislation Group: Territorial		Sq km approximate		
PL 1	Bowen/Surat Basin	Sq Km: 258		31/12/2006
				<i>Cabavin, Moonie</i>
				Santos QNT Pty Ltd* 100.00
PL 2	Bowen/Surat Basin	Sq Km: 258		31/12/2008
				<i>Alton</i>
				Santos QNT Pty Ltd* 100.00
PL 3	Bowen/Surat Basin	Sq Km: 257		28/02/2011
				<i>Timbury Hills</i>
				Associated Petroleum Pty Ltd* 85.00
				Interstate Pipelines Pty Ltd 15.00
PL 4	Bowen/Surat Basin	Sq Km: 257		28/02/2011
				<i>Pine Ridge</i>
				Associated Petroleum Pty Ltd* 85.00
				Interstate Pipelines Pty Ltd 15.00
PL 5	Bowen/Surat Basin	Sq Km: 257		28/02/2011
				<i>Ruslie, Yanalab</i>
				Associated Petroleum Pty Ltd* 85.00
				Interstate Pipelines Pty Ltd 15.00
PL 6	Bowen/Surat Basin	Sq Km: 257		28/02/2011
				<i>Pringle Downs, Roma</i>
				Associated Petroleum Pty Ltd* 85.00
				Interstate Pipelines Pty Ltd 15.00
PL 7	Bowen/Surat Basin	Sq Km: 257		28/02/2011
				<i>Blyth Creek, Richmond</i>
				Associated Petroleum Pty Ltd* 85.00
				Interstate Pipelines Pty Ltd 15.00

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PL 8 Bowen/Surat Basin	Sq Km: 257	28/02/2011	
<i>Wallumbilla South</i>			
Associated Petroleum Pty Ltd*	85.00		
Interstate Pipelines Pty Ltd	15.00		
PL 9 Bowen/Surat Basin	Sq Km: 257	28/02/2011	
<i>Anabranch, Maffra</i>			
Associated Petroleum Pty Ltd*	85.00		
Interstate Pipelines Pty Ltd	15.00		
PL10 Bowen/Surat Basin	Sq Km: 257	28/02/2011	
<i>Bony Creek, Tarravonga</i>			
Associated Petroleum Pty Ltd*	85.00		
Interstate Pipelines Pty Ltd	15.00		
PL11 Bowen/Surat Basin	Sq Km: 257	28/02/2011	
<i>Back Creek, Tarravonga</i>			
Associated Petroleum Pty Ltd*	85.00		
Interstate Pipelines Pty Ltd	15.00		
PL12 Bowen/Surat Basin	Sq Km: 257	28/02/2011	
<i>Oberina, Trinidad</i>			
Associated Petroleum Pty Ltd*	85.00		
Interstate Pipelines Pty Ltd	15.00		
PL13 Bowen/Surat Basin	Sq Km: 100	31/10/1992	
<i>Pleasant Hills</i>			
Associated Petroleum Pty Ltd*	85.00		
Interstate Pipelines Pty Ltd	15.00		
PL14 Bowen/Surat Basin	Sq Km: 252	31/05/2007	
<i>Kinora</i>			
Origin Energy CSG Ltd*	100.00		
PL15 Bowen/Surat Basin	Sq Km: 259	29/04/2019	
<i>Boxleighb</i>			
Mosaic Oil QLD Pty Ltd*	100.00		
PL16 Bowen/Surat Basin	Sq Km: 259	29/04/2019	
<i>Silver Springs</i>			
Mosaic Oil QLD Pty Ltd*	100.00		
PL17 Bowen/Surat Basin	Blocks: 88 Sq Km: 104	28/02/1999	
<i>Bennett</i>			
Santos QNT Pty Ltd*	70.00		
Golden West Hydrocarbons Pty Ltd	3.30		
Timor Oil Ltd	26.70		
PL18 Bowen/Surat Basin	Sq Km: 184	31/08/2003	
<i>Yellowbank Creek</i>			
Brisbane Petroleum NL*	50.00		
Delbaere Associates Pty Ltd	50.00		
PL21 Bowen/Surat Basin	Sq Km: 260	18/04/2004	
<i>Beldene, Royston</i>			
Origin Energy CSG Ltd*	64.00		
Alliance Minerals Australia NL	12.50		
Angari Pty Ltd	4.50		
Oil Investments Ltd	19.00		
PL22 Bowen/Surat Basin	Sq Km: 230	31/05/2004	
<i>Waratab</i>			
Origin Energy CSG Ltd*	64.00		
Alliance Minerals Australia NL	12.50		
Angari Pty Ltd	4.50		
Oil Investments Ltd	19.00		
PL23 Cooper/Eromanga Basin	Sq Km: 234	31/08/2004	
<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		
PL24 Cooper/Eromanga Basin	Sq Km: 201	14/12/2003	
<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		
PL25 Cooper/Eromanga Basin	Sq Km: 257	28/02/2005	
<i>Nacowlab 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		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PL26 Cooper/Eromanga Basin	Sq Km: 257	28/02/2005	
<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		
PL27 Bowen/Surat Basin	Sq Km: 255	31/08/2005	
<i>Newstead, Yarrabend</i>			
Origin Energy CSG Ltd*	64.00		
Alliance Minerals Australia NL	12.50		
Angari Pty Ltd	4.50		
Oil Investments Ltd	19.00		
PL28 Bowen/Surat Basin	Sq Km: 251	30/11/2005	
<i>Avondale</i>			
Associated Petroleum Pty Ltd*	46.25		
Interstate Pipelines Pty Ltd	7.50		
Oil Investments Ltd	35.51		
Origin Energy CSG Ltd	10.74		
PL29 Cooper/Eromanga Basin	Sq Km: 13	19/12/2005	
<i>Tintaburra</i>			
Santos QNT Pty Ltd*	77.00		
CPC Energy Pty Ltd	1.00		
Drillsearch Energy NL	10.00		
Santos (299) Pty Ltd	12.00		
PL30 Bowen/Surat Basin	Sq Km: 37	08/07/2006	
<i>Riverslea, Yapanyah</i>			
Angari Pty Ltd*	55.00		
Bridge Oil Exploration Pty Ltd	7.50		
Mosaic Oil NL	10.00		
Origin Energy CSG Ltd	20.00		
Santos (BOL) Pty Ltd	7.50		
PL31 Cooper/Eromanga Basin	Sq Km: 260	26/05/2006	
<i>Bodalla South</i>			
Beach Petroleum NL*	80.00		
Mawson Petroleum NL	14.75		
Mawson Petroleum NL	5.25		
PL32 Cooper/Eromanga Basin	Sq Km: 260	31/12/2006	
<i>Kenmore</i>			
Beach Petroleum NL*	22.00		
Beach Petroleum Ltd	58.00		
Mawson Petroleum NL	14.75		
Mawson Petroleum NL	5.25		
PL33 Cooper/Eromanga Basin	Sq Km: 257	14/04/2007	
<i>Koora, Nockatunga, W'inna</i>			
Santos QNT Pty Ltd*	51.30		
Magellan Petroleum (Eastern) Pty Ltd	40.94		
Santos Gnuco Pty Ltd	7.77		
PL34 Cooper/Eromanga Basin	Sq Km: 239	10/07/2007	
<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		
PL35 Cooper/Eromanga Basin	Sq Km: 136	10/07/2007	
<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		
PL36 Cooper/Eromanga Basin	Sq Km: 61	07/04/2008	
<i>Nacowlab</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		
PL37 Cooper/Eromanga Basin	Sq Km: 12	18/09/2007	
<i>Brunby</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			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PL38 Cooper/Eromanga Basin	Sq Km: 135	16/06/2008	
<i>Toobunyab</i>			
Santos QNT Pty Ltd*	77.00		
CPC Energy Pty Ltd	1.00		
Drillsearch Energy NL	10.00		
Santos (299) Pty Ltd	12.00		
PL39 Cooper/Eromanga Basin	Sq Km: 107	13/08/2008	
<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		
PL40 Bowen/Surat Basin	Sq Km: 76	13/09/2008	
<i>Louise</i>			
Brisbane Petroleum NL*	50.00		
Delbaere Associates Pty Ltd	50.00		
PL41 Bowen/Surat Basin	Sq Km: 157	25/05/2010	
<i>Arcturus</i>			
Santos Petroleum Operations Pty Ltd*	50.00		
Origin Energy CSG Ltd	50.00		
PL42 Bowen/Surat Basin	Sq Km: 150	25/05/2010	
<i>Rolleston</i>			
Santos Petroleum Operations Pty Ltd*	50.00		
Origin Energy CSG Ltd	50.00		
PL43 Bowen/Surat Basin	Sq Km: 179	25/05/2010	
<i>Yellowbank</i>			
Santos Petroleum Operations Pty Ltd*	50.00		
Origin Energy CSG Ltd	50.00		
PL44 Bowen/Surat Basin	Sq Km: 201	25/05/2010	
<i>Merivale</i>			
Santos Petroleum Operations Pty Ltd*	50.00		
Origin Energy CSG Ltd	50.00		
PL45 Bowen/Surat Basin	Sq Km: 108	25/05/2010	
<i>Glentulloch</i>			
Santos Petroleum Operations Pty Ltd*	50.00		
Origin Energy CSG Ltd	50.00		
PL46 Bowen/Surat Basin	Sq Km: 34	23/02/2010	
<i>Fairymount</i>			
Mosaic Oil NL*	100.00		
PL47 Cooper/Eromanga Basin	Sq Km: 28	22/08/2010	
<i>Blackstump</i>			
Mawson Petroleum NL*	14.75		
Beach Petroleum Ltd	58.00		
Beach Petroleum NL	22.00		
Mawson Petroleum NL	5.25		
PL48 Bowen/Surat Basin	Sq Km: 7	31/01/2011	
<i>Noona Block</i>			
Mosaic Oil QLD Pty Ltd*	100.00		
PL49 Bowen/Surat Basin	Sq Km: 22	31/01/2011	
<i>Taylor</i>			
Mosaic Oil QLD Pty Ltd*	100.00		
PL50 Cooper/Eromanga Basin	Sq Km: 49	27/06/2011	
<i>Maxwell, Maxwell South</i>			
Santos QNT Pty Ltd*	51.30		
Magellan Petroleum (Eastern) Pty Ltd	40.94		
Santos Gnuco Pty Ltd	7.77		
PL51 Cooper/Eromanga Basin	Sq Km: 55	27/06/2011	
<i>Dilkera, Muthero, Thungo</i>			
Santos QNT Pty Ltd*	51.30		
Magellan Petroleum (Eastern) Pty Ltd	40.94		
Santos Gnuco Pty Ltd	7.77		
PL52 Cooper/Eromanga Basin	Sq Km: 70	27/06/2011	
<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		
PL53 Bowen/Surat Basin	Sq Km: 46	10/09/2011	
<i>Yambogle</i>			
Origin Energy CSG Ltd*	100.00		
PL54 Bowen/Surat Basin	Sq Km: 34	27/03/2012	
<i>Moorooloo</i>			
Santos Petroleum Operations Pty Ltd*	50.00		
Origin Energy CSG Ltd	50.00		
PL55 Cooper/Eromanga Basin	Sq Km: 19	12/06/2012	
<i>Munro</i>			
Santos Ltd*	52.00		
Delhi Petroleum Pty Ltd	40.00		
Vamgas Pty Ltd	8.00		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PL56 Bowen/Surat Basin	Sq Km: 19	29/01/2011	
<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		
Origin Energy CSG Ltd	20.00		
Santos (BOL) Pty Ltd	7.50		
PL57 Cooper/Eromanga Basin	Sq Km: 19	15/04/2013	
<i>Endeavour</i>			
Santos QNT Pty Ltd*	77.00		
CPC Energy Pty Ltd	1.00		
Drillsearch Energy NL	10.00		
Santos Gnuco Pty Ltd	12.00		
PL58 Cooper/Eromanga Basin	Sq Km: 62	15/04/2034	
<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		
PL59 Cooper/Eromanga Basin	Sq Km: 97	15/04/2034	
<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		
PL60 Cooper/Eromanga Basin	Sq Km: 70	15/04/2019	
<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		
PL61 Cooper/Eromanga Basin	Sq Km: 159	15/04/2019	
<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		
PL62 Cooper/Eromanga Basin	Sq Km: 65	01/03/2004	
<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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL63 Cooper/Eromanga Basin	Sq Km: 145	24/06/2017	
<i>Epsilon</i>			
Santos Ltd*	37.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Petroleum Pty Ltd	25.00		
Vamgas Pty Ltd	7.50		
PL64 Bowen/Surat Basin	Sq Km: 48	19/08/2013	
<i>Cogoon</i>			
Origin Energy CSG Ltd*	83.00		
Alliance Minerals Australia NL	12.50		
Angari Pty Ltd	4.50		
PL65 Adavale Basin	Sq Km: 59	15/12/2014	
<i>Gilmore</i>			
Australian Gasfields Ltd*	100.00		
PL66 Bowen/Surat Basin	Sq Km: 125	23/02/2007	
<i>Roswin</i>			
Mosaic Oil QLD Pty Ltd*	100.00		
PL67 Bowen/Surat Basin	Sq Km: 113	23/06/2011	
<i>Turkey Creek</i>			
Origin Energy CSG Ltd*	50.00		
Santos Petroleum Operations Pty Ltd	50.00		
PL68 Cooper/Eromanga Basin	Sq Km: 25	08/12/2001	
<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		
PL69 Bowen/Surat Basin	Blocks: 4 Sq Km: 303	08/12/2005	
Associated Petroleum Pty Ltd*	46.25		
Interstate Pipelines Pty Ltd	7.50		
Oil Investments Ltd	35.51		
Origin Energy CSG Ltd	10.74		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PL70 Cooper/Eromanga Basin	Sq Km: 3	06/07/2000	
<i>Berwick</i>			
Origin Energy CSG Ltd*	100.00		
PL71 Bowen/Surat Basin	Sq Km: 134	15/12/2014	
<i>Namarub, Parknook</i>			
Angari Pty Ltd*	67.50		
Origin Energy CSG Ltd	22.50		
Santos Exploration Pty Ltd	10.00		
PL72 Bowen/Surat Basin	Sq Km: 19	26/04/2000	
<i>Xyloleum</i>			
Sykes Ian Grant*	100.00		
PL73 Bowen/Surat Basin	Sq Km: 7	26/04/2000	
<i>Xylex</i>			
Sykes Ian Grant*	100.00		
PL74 Bowen/Surat Basin	Sq Km: 19	14/12/2004	
<i>Major</i>			
Origin Energy CSG 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		
PL75 Cooper/Eromanga Basin	Sq Km: 13	23/11/2008	
<i>Oriental</i>			
Santos Ltd*	37.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Petroleum Pty Ltd	25.00		
Vamgas Pty Ltd	7.50		
PL76 Cooper/Eromanga Basin	Sq Km: 40	23/11/2008	
<i>Bolan, Corolla, Echuburna, 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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL77 Cooper/Eromanga Basin	Sq Km: 13	23/11/2004	
<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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL78 Cooper/Eromanga Basin	Sq Km: 13	23/11/2008	
<i>Boven</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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL79 Cooper/Eromanga Basin	Sq Km: 7	06/09/2020	
<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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL80 Cooper/Eromanga Basin	Sq Km: 92	06/09/2032	
<i>Durbam Downs</i>			
Santos Ltd*	57.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Australian Hydrocarbons Pty Ltd	5.00		
Vamgas Pty Ltd	7.50		
PL81 Cooper/Eromanga Basin	Sq Km: 40	06/09/2020	
<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		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PL82 Cooper/Eromanga Basin	Sq Km: 11	06/09/2020	
<i>Okotoko 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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL83 Cooper/Eromanga Basin	Sq Km: 14	06/09/2020	
<i>Okotoko 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		
PL84 Cooper/Eromanga Basin	Sq Km: 49	06/09/2020	
<i>Stokes</i>			
Santos Ltd*	37.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Petroleum Pty Ltd	25.00		
Vamgas Pty Ltd	7.50		
PL85 Cooper/Eromanga Basin	Sq Km: 18	06/09/2032	
<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		
PL86 Cooper/Eromanga Basin	Sq Km: 12	06/09/2032	
<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		
PL87 Cooper/Eromanga Basin	Sq Km: 28	06/09/2020	
<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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL88 Cooper/Eromanga Basin	Sq Km: 46	06/09/2020	
<i>Wolgalla</i>			
Santos Ltd*	37.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Petroleum Pty Ltd	25.00		
Vamgas Pty Ltd	7.50		
PL89 Bowen/Surat Basin	Sq Km: 59	06/12/2002	
<i>Blackbutt, Bloodwood</i>			
Associated Petroleum Pty Ltd*	46.25		
Interstate Pipelines Pty Ltd	7.50		
Oil Investments Ltd	35.51		
Origin Energy CSG Ltd	10.74		
PL90 Bowen/Surat Basin	Sq Km: 232	29/11/2029	
<i>Fairview</i>			
Tri-Star Petroleum Company*	100.00		
PL91 Bowen/Surat Basin	Sq Km: 232	29/11/2029	
<i>Fairview</i>			
Tri-Star Petroleum Company*	100.00		
PL92 Bowen/Surat Basin	Sq Km: 232	29/11/2029	
<i>Fairview</i>			
Tri-Star Petroleum Company*	100.00		
PL93 Bowen/Surat Basin	Sq Km: 7	06/12/2002	
<i>Stakeyard</i>			
Associated Petroleum Pty Ltd*	85.00		
Interstate Pipelines Pty Ltd	15.00		
PL94 Bowen/Surat Basin	Sq Km: 209	17/04/2032	
<i>Moura</i>			
Oil Company of Australia (Moura) Pty Ltd*	100.00		
PL95 Cooper/Eromanga Basin	Sq Km: 13	25/08/2019	
<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		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PL97 Cooper/Eromanga Basin	Sq Km: 28	25/08/2014	
<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		
PL98 Cooper/Eromanga Basin	Sq Km: 40	23/10/2021	
<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		
PL99 Bowen/Surat Basin	Sq Km: 232	15/12/2033	
<i>Fairview</i>			
Tri-Star Petroleum Company*	100.00		
PL100 Bowen/Surat Basin	Sq Km: 232	15/12/2033	
<i>Fairview</i>			
Tri-Star Petroleum Company*	100.00		
PL101 Bowen/Surat Basin	Sq Km: 240	20/11/2031	
<i>Peat</i>			
Origin Energy CSG Ltd*	50.00		
Oil Company of Australia (Moura) Pty Ltd	50.00		
PL105 Cooper/Eromanga Basin	Sq Km: 13	28/10/2008	
<i>Roti</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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL106 Cooper/Eromanga Basin	Sq Km: 6	28/10/2006	
<i>Okotoke 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		
PL107 Cooper/Eromanga Basin	Sq Km: 13	28/10/2008	
<i>Okotoke 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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL108 Cooper/Eromanga Basin	Sq Km: 6	28/10/2028	
<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		
PL109 Cooper/Eromanga Basin	Sq Km: 10	29/10/2013	
<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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL110 Cooper/Eromanga Basin	Sq Km: 19	29/10/2013	
<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		
PL111 Cooper/Eromanga Basin	Sq Km: 19	28/10/2016	
<i>Yana</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		
PL112 Cooper/Eromanga Basin	Sq Km: 92	10/03/2047	
<i>Barrilka</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			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PL113 Cooper/Eromanga Basin	Sq Km: 74	28/10/2018	
<i>Tartulla</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		
PL114 Cooper/Eromanga Basin	Sq Km: 55	29/10/2021	
<i>Warena</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		
PL115 Cooper/Eromanga Basin	Sq Km: 52	28/09/2019	
<i>Bunya</i>			
Australian Gasfields Ltd*	100.00		
PL116 Cooper/Eromanga Basin	Sq Km: 34	28/09/2019	
<i>Coos</i>			
Australian Gasfields Ltd*	100.00		
PL117 Cooper/Eromanga Basin	Sq Km: 49	28/09/2019	
<i>Vernon</i>			
Vernon E. Faulconer Australia Inc*	100.00		
PL119 Bowen/Surat Basin	Sq Km: 22	11/11/2010	
<i>Downlands</i>			
Mosaic Oil NL*	83.33		
Santos (BOL) Pty Ltd	16.67		
PL129 Cooper/Eromanga Basin	Sq Km: 46	15/12/2037	
<i>Asby, Asby North</i>			
Santos Ltd*	37.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Petroleum Pty Ltd	25.00		
Vamgas Pty Ltd	7.50		
PL130 Cooper/Eromanga Basin	Sq Km: 31	23/06/2024	
<i>Chiron</i>			
Santos Ltd*	37.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Petroleum Pty Ltd	25.00		
Vamgas Pty Ltd	7.50		
PL131 Cooper/Eromanga Basin	Sq Km: 225	23/06/2050	
<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		
PL132 Cooper/Eromanga Basin	Sq Km: 16	23/06/2021	
<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		
PL133 Cooper/Eromanga Basin	Sq Km: 13	12/12/2019	
<i>Goora</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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL134 Cooper/Eromanga Basin	Sq Km: 27	20/12/2058	
<i>Kappa</i>			
Santos Ltd*	37.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Petroleum Pty Ltd	25.00		
Vamgas Pty Ltd	7.50		
PL135 Cooper/Eromanga Basin	Sq Km: 20	23/06/2053	
<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		
PL136 Cooper/Eromanga Basin	Sq Km: 54	23/06/2052	
<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		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PL137 Cooper/Eromanga Basin	Sq Km: 88	15/12/2052	
<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		
PL138 Cooper/Eromanga Basin	Sq Km: 77	15/12/2030	
<i>Marengo</i>			
Santos Ltd*	31.50		
Delhi Petroleum Pty Ltd	25.20		
Origin Energy Resources Ltd	27.00		
Vamgas Pty Ltd	16.30		
PL139 Cooper/Eromanga Basin	Sq Km: 26	23/06/2017	
<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		
PL140 Cooper/Eromanga Basin	Sq Km: 37	15/12/2053	
<i>Moon</i>			
Santos Ltd*	37.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Petroleum Pty Ltd	25.00		
Vamgas Pty Ltd	7.50		
PL141 Cooper/Eromanga Basin	Sq Km: 46	15/12/2025	
<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		
PL142 Cooper/Eromanga Basin	Sq Km: 13	15/12/2024	
<i>Raffle</i>			
Santos Ltd*	37.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Petroleum Pty Ltd	25.00		
Vamgas Pty Ltd	7.50		
PL143 Cooper/Eromanga Basin	Sq Km: 28	15/12/2018	
<i>Ruby</i>			
Santos Ltd*	37.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Petroleum Pty Ltd	25.00		
Vamgas Pty Ltd	7.50		
PL144 Cooper/Eromanga Basin	Sq Km: 34	15/12/2039	
<i>Thoar</i>			
Santos Ltd*	37.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Petroleum Pty Ltd	25.00		
Vamgas Pty Ltd	7.50		
PL145 Cooper/Eromanga Basin	Sq Km: 28	15/12/2048	
<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		
PL146 Cooper/Eromanga Basin	Sq Km: 61	23/06/2025	
<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		
PL147 Cooper/Eromanga Basin	Sq Km: 58	23/06/2019	
<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		
PL148 Cooper/Eromanga Basin	Sq Km: 37	15/12/2029	
<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		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PL149 Cooper/Eromanga Basin	Sq Km: 13	23/06/2049	
<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		
PL150 Cooper/Eromanga Basin	Sq Km: 158	23/06/2042	
<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		
PL151 Cooper/Eromanga Basin	Blocks: 156	24/07/2032	
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		
PL152 Cooper/Eromanga Basin	Sq Km: 147	24/07/2032	
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		
PL153 Cooper/Eromanga Basin	Sq Km: 103	15/12/2046	
<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		
PL154 Cooper/Eromanga Basin	Sq Km: 18	15/12/2046	
<i>Clinton</i>			
Santos Ltd*	31.50		
Delhi Petroleum Pty Ltd	25.20		
Origin Energy Resources Ltd	27.00		
Vamgas Pty Ltd	16.30		
PL155 Cooper/Eromanga Basin	Sq Km: 175	24/07/2032	
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		
PL156 Cooper/Eromanga Basin	Sq Km: 31	24/07/2032	
Santos Ltd*	57.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Australian Hydrocarbons Pty Ltd	5.00		
Vamgas Pty Ltd	7.50		
PL157 Cooper/Eromanga Basin	Sq Km: 40	15/12/2020	
<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		
PL158 Cooper/Eromanga Basin	Sq Km: 188	15/12/2020	
<i>Maruma</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		
PL159 Cooper/Eromanga Basin	Sq Km: 28	15/12/2052	
<i>Tallala</i>			
Santos Ltd*	57.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Australian Hydrocarbons Pty Ltd	5.00		
Vamgas Pty Ltd	7.50		
PL168 Cooper/Eromanga Basin	Sq Km: 13	12/02/2014	
<i>Tennaperra</i>			
Santos Petroleum Pty Ltd*	25.00		
Delhi Petroleum Pty Ltd	30.00		
Santos Ltd	37.50		
Vamgas Pty Ltd	7.50		
PL169 Eromanga Basin	Sq Km: 19	12/04/2017	
<i>Kimboola</i>			
CPC Energy Pty Ltd	1.00		
Drillsearch Energy NL	10.00		
Santos (299) Pty Ltd	12.00		
Santos QNT Pty Ltd	77.00		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PL170 Eromanga Basin	Sq Km: 92	12/04/2017	
<i>Kooropa</i>			
Santos QNT Pty Ltd*	77.00		
CPC Energy Pty Ltd	1.00		
Drillsearch Energy NL	10.00		
Santos (299) Pty Ltd	12.00		
PL173 Bowen/Surat Basin	Sq Km: 85	15/12/2019	
<i>Yandina</i>			
Origin Energy CSG Ltd*	50.00		
Santos Petroleum Operations Pty Ltd	50.00		
PL174 Bowen/Surat Basin	Sq Km: 43	15/12/2014	
<i>Myall Creek</i>			
Origin Energy CSG Ltd*	100.00		
PL175 Cooper/Eromanga Basin	Sq Km: 28	19/04/2025	
<i>Widigo</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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL176 Bowen/Surat Basin	Sq Km: 213	07/06/2021	
<i>Soitia</i>			
Santos QNT Pty Ltd*	84.38		
Vamgas Pty Ltd	15.63		
PL177 Cooper/Eromanga Basin	Sq Km: 55	12/09/2035	
<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		
PL178 Cooper/Eromanga Basin	Sq Km: 10	12/09/2035	
<i>Roti West</i>			
Santos Ltd*	37.50		
Delhi Petroleum Pty Ltd	30.00		
Santos Petroleum Pty Ltd	25.00		
Vamgas Pty Ltd	7.50		
PL181 Cooper/Eromanga Basin	Sq Km: 19	12/09/2024	
<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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL182 Cooper/Eromanga Basin	Sq Km: 28	12/09/2024	
<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 Pty Ltd	6.50		
Vamgas Pty Ltd	15.50		
PL183 Bowen/Surat Basin	Sq Km: 19	12/09/2021	
<i>Punchbowl Gully</i>			
Origin Energy CSG Ltd*	50.00		
Santos Petroleum Operations Pty Ltd	50.00		
PL184 Cooper/Eromanga Basin	Sq Km: 77	12/09/2021	
<i>Thylungra</i>			
Beach Petroleum NL*	69.59		
Australian Gasfields Ltd	19.60		
Inland Oil (Production) Pty Ltd	5.00		
Petromin Pty Ltd	5.81		
PL186 Cooper/Eromanga Basin	Sq Km: 62	06/02/2026	
<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		
PL187 Cooper/Eromanga Basin	Sq Km: 34	06/03/2029	
<i>Quasar South</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		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PL188 Cooper/Eromanga Basin	Sq Km: 62	06/03/2028	
<i>Santos Ltd*</i>			
Delhi Petroleum Pty Ltd	28.80		
Origin Energy Resources Ltd	10.00		
Santos Australian Hydrocarbons Pty Ltd	2.00		
Vamgas Pty Ltd	7.20		
PL189 Cooper/Eromanga Basin	Sq Km: 19	06/03/2017	
<i>Santos Ltd*</i>			
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		
Origin Energy CSG Ltd	0.50		
Vamgas Pty Ltd	15.50		
PL191 Bowen Basin	Sq Km: 220	20/03/2032	
<i>CH4 Pty Ltd*</i>			
BHP Coal Pty Ltd	50.00		
PL192 Bowen/Surat Basin	Sq Km: 92	07/11/2025	
<i>Mosaic Oil QLD Pty Ltd*</i>			
Santos (BOL) Pty Ltd	49.00		
Santos Exploration Pty Ltd	27.78		
PL193 Cooper/Eromanga Basin	Sq Km: 31	20/03/2015	
<i>Santos Ltd*</i>			
Delhi Petroleum Pty Ltd	37.50		
Santos Petroleum Pty Ltd	30.00		
Vamgas Pty Ltd	25.00		
PL195 Bowen/Surat Basin	Sq Km: 256	26/03/2037	
<i>Origin Energy CSG Ltd*</i>			
PL204 Bowen/Surat Basin	Sq Km: 219	18/12/2004	
<i>Origin Energy CSG Ltd*</i>			
Offshore			
Exploration Permit			
<i>Legislation Group: PSLA</i>		Sq km approximate	
Q/23P Carpentaria Basin	Blocks: 180	Sq Km: 62	20/05/2009
<i>Gulf Energy Pty Ltd*</i>		100.00	
New South Wales			
Onshore			
Exploration Permit			
<i>Legislation Group: Territorial</i>		Sq km approximate	
PEL1 Gunnedah Basin	Blocks: 96	Sq Km: 7 043	10/02/2005
<i>Australian Coalbed Methane Pty Ltd*</i>			
		100.00	
PEL2 Sydney Basin	Blocks: 108	Sq Km: 8 100	28/03/2005
<i>Sydney Gas Operations Pty Ltd*</i>			
		100.00	
PEL4 Gunnedah Basin	Blocks: 96	Sq Km: 6 955	10/11/2005
<i>Sydney Gas Operations Pty Ltd*</i>			
		Renewal Pending	
<i>Pacific Power</i>			
PEL5 Sydney Basin	Blocks: 30	Sq Km: 2 026	10/11/2005
<i>Sydney Gas Operations Pty Ltd*</i>			
		100.00	
PEL6 Gunnedah Basin	Blocks: 82	Sq Km: 5 867	08/12/2005
<i>Eastern Energy Australia Pty Ltd*</i>			
		100.00	
PEL8 Murray/Darling Basin	Blocks: 101	Sq Km: 9 112	24/06/2007
<i>Eastern Star Gas Ltd</i>			
		100.00	
PEL10 Gunnedah Basin	Blocks: 6	Sq Km: 436	10/02/2005
<i>Australian Coalbed Methane Pty Ltd*</i>			
		100.00	
PEL12 Gunnedah Basin	Blocks: 31	Sq Km: 2 274	26/09/2007
<i>Australian Coalbed Methane Pty Ltd*</i>			
		100.00	
PEL13 Clarence/Moreton Basin	Blocks: 29	Sq Km: 2 174	26/11/2001
<i>Molopo Australia NL*</i>			
		100.00	
PEL16 Clarence/Moreton Basin	Blocks: 11	Sq Km: 826	12/11/2005
<i>Metgasco Pty Ltd*</i>			
		100.00	
PEL238 Gunnedah Basin	Blocks: 123	Sq Km: 9 093	02/08/2007
<i>Eastern Star Gas Ltd*</i>			
		100.00	
PEL267 Sydney Basin	Blocks: 92	Sq Km: 6 138	19/01/2004
<i>Sydney Gas Operations Pty Ltd*</i>			
		100.00	
PEL285 Sydney Basin	Blocks: 18	Sq Km: 1 306	15/04/2005
<i>Molopo Australia NL*</i>			
		100.00	
PEL286 Gunnedah Basin	Blocks: 24	Sq Km: 1 749	10/02/2005
<i>Australian Coalbed Methane Pty Ltd*</i>			
		100.00	
PEL419 Murray/Darling Basin	Blocks: 140	Sq Km: 9 450	19/12/2003
<i>Go Resources (Aust) Pty Ltd*</i>			
		100.00	
PEL420 Murray/Darling Basin	Blocks: 122	Sq Km: 8 864	19/12/2003
<i>Go Resources (Aust) Pty Ltd*</i>			
		100.00	
PEL422 Murray/Darling Basin	Blocks: 59	Sq Km: 4 335	01/02/2004
<i>Eastern Energy Australia Pty Ltd*</i>			
		100.00	
PEL424 Murray/Darling Basin	Blocks: 82	Sq Km: 5 892	01/02/2004
<i>Eastern Star Gas Ltd*</i>			
		100.00	

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title				
Accumulation				
Company (Operator*)		Equity		Expiry Date
PEL426	Clarence/Moreton Basin	Blocks: 83	Sq Km: 5 896	20/04/2004
Molopo Australia NL*		100.00		
PEL427	Gunnedah Basin	Blocks: 97	Sq Km: 6 829	20/05/2004
Strike Oil NL*		100.00		
PEL428	Gunnedah Basin	Blocks: 108	Sq Km: 7 816	14/09/2004
Strike Oil NL*		100.00		
PEL432	Clarence/Moreton Basin	Blocks: 6	Sq Km: 234	21/12/2006
Arrow Energy NL*		100.00		
PEL433	Gunnedah Basin	Blocks: 140	Sq Km: 10 216	13/02/2007
Eastern Star Gas Ltd*		100.00		
PEL434	Gunnedah Basin	Blocks: 140	Sq Km: 10 108	13/02/2007
Eastern Star Gas Ltd		100.00		
PEL435	Murray/Darling Basin	Blocks: 140	Sq Km: 10 108	18/03/2004
Australian Coalbed Methane Pty Ltd*		100.00		
PEL436	Murray/Darling Basin	Blocks: 132	Sq Km: 9 263	18/03/2004
Australian Coalbed Methane Pty Ltd*		100.00		
PEL437	Surat Basin	Blocks: 140	Sq Km: 9 632	06/05/2007
Pangaea Oil and Gas Pty Ltd*		100.00		
PEL438	Murray/Darling Basin	Blocks: 98	Sq Km: 6 799	20/08/2007
Pannonian International Ltd*		100.00		
PEL439	Murray/Darling Basin	Blocks: 73	Sq Km: 5 155	23/10/2004
Magnum Gold NL*		100.00		
PEL440	Murray/Darling Basin	Blocks: 133	Sq Km: 9 248	23/10/2004
Magnum Gold NL*		100.00		
PEL441	Sydney Basin	Blocks: 1	Sq Km: 71	10/11/2005
Sydney Gas Operations Pty Ltd*		100.00		
PEL442	Sydney Basin	Blocks: 10	Sq Km: 502	26/02/2208
Apex Energy NL*		100.00		
PEL443	Eromanga Basin	Blocks: 71	Sq Km: 5 190	23/01/2009
Harlow Australia Pty Ltd*		100.00		
PEL444	Sydney Basin	Blocks: 5	Sq Km: 65	03/04/2009
Apex Energy NL*		80.00		
Sun Resources NL		20.00		

Production Licence

Legislation Group: Territorial				
Sq km approximate				
PPL 1	Sydney Basin		Sq Km: 47	09/01/2023
Sydney Gas (Camden) Operations Pty Ltd*		100.00		
PPL 2	Sydney Basin		Sq Km: 1	10/09/2023
Sydney Gas (Camden) Operations Pty Ltd*		100.00		
PPL 3	Gunnedah Basin		Sq Km: 26	14/12/2024
Narabri Power Ltd*		100.00		

Offshore

Exploration Permit

Legislation Group: PSLA				
Sq km approximate				
PEP 11	Sydney Basin	Blocks: 129	Sq Km: 8 185	23/03/2007
Bounty Oil & Gas NL*		100.00		

Victoria

Onshore

Exploration Permit

Legislation Group: Territorial				
Sq km approximate				
PEP151	Otway Basin		Sq Km: 1 718	15/05/2007
Essential Petroleum Resources Ltd*		100.00		
PEP152	Otway Basin		Sq Km: 755	03/02/2005
Origin Energy Petroleum Pty Ltd*		50.51		
Essential Petroleum Resources Ltd		33.90		
Lakes Oil NL		15.59		
PEP153	Otway Basin		Sq Km: 1 061	27/02/2005
Santos (BOL) Pty Ltd*		100.00		
PEP154	Otway Basin		Sq Km: 832	30/03/2005
Santos (BOL) Pty Ltd*		90.00		
Beach Petroleum NL		10.00		
PEP155	Gippsland Basin		Sq Km: 1 578	16/08/2005
Petrotech Pty Ltd*		100.00		
PEP156	Gippsland Basin		Sq Km: 3 207	16/08/2005
Petrotech Pty Ltd*		100.00		
PEP157	Gippsland Basin		Sq Km: 1 889	16/08/2005
Petrotech Pty Ltd*		100.00		
PEP158	Gippsland Basin		Sq Km: 799	16/08/2005
Petrotech Pty Ltd*		100.00		
PEP159	Otway Basin		Sq Km: 2 280	11/03/2006
Origin Energy Petroleum Pty Ltd*		50.00		
Essential Petroleum Resources Ltd		50.00		
PEP160	Otway Basin		Sq Km: 3 660	13/11/2005
TMOC Exploration Pty Ltd*		60.00		
Origin Energy Petroleum Pty Ltd		40.00		
PEP161	Murray/Darling Basin		Sq Km: 2 923	18/02/2005
Knight Industries Pty Ltd*		100.00		
PEP162	Gippsland Basin		Sq Km: 2 950	15/05/2006
Karoon Gas Pty Ltd*		100.00		

Title

Accumulation

Company (Operator*)		Equity		Expiry Date
PEP163	Otway Basin		Sq Km: 2 923	18/07/2007
Mirboo Ridge Pty Ltd*		100.00		
PEP164	Otway Basin		Sq Km: 2 827	09/10/2007
Mirboo Ridge Pty Ltd*		100.00		
PEP165	Murray/Darling Basin		Sq Km: 6 081	09/10/2007
Knight Industries Pty Ltd*		100.00		
PEP166	Gippland Basin		Sq Km: 3 551	02/01/2008
Petrotech Pty Ltd*		50.00		
Ausam Resources NL		50.00		

Production Licence

Legislation Group: Territorial				
Sq km approximate				
PPL1	Otway Basin		Sq Km: 7	01/03/2000
<i>Dunbar, Grumby, 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	31/12/2005
Jona		100.00		
TXU Gas Storage Pty Ltd*		100.00		
PPL3	Otway Basin		Sq Km: 2	09/05/2008
<i>Boggy Creek</i>		100.00		
Boggy Creek Pty Ltd*		100.00		
PPL4	Otway Basin		Sq Km: 6	06/04/2014
<i>Fenton Creek, Tregony</i>		100.00		
Santos (BOL) Pty Ltd*		100.00		
PPL5	Otway Basin		Sq Km: 6	
<i>Penryn</i>		100.00		
Santos (BOL) Pty Ltd*		100.00		
PPL6	Otway Basin		Sq Km: 4	
<i>McIntee, Tregony</i>		90.00		
Santos (BOL) Pty Ltd*		10.00		
Beach Petroleum NL		10.00		
PPL7	Otway Basin		Sq Km: 2	
Santos (BOL) Pty Ltd*		100.00		
PPL8	Otway Basin		Sq Km: 69	31/12/2009
<i>Dunbar, Port Campbell</i>		100.00		
Origin Energy Petroleum Pty Ltd*		100.00		
PPL9	Otway Basin		Sq Km: 1	06/12/2009
<i>Lavers</i>		90.00		
Santos (BOL) Pty Ltd*		10.00		
Beach Petroleum NL		10.00		
PPL 10	Otway Basin		Sq Km: 7	06/12/2009
<i>Croft, Naylor</i>		90.00		
Santos (BOL) Pty Ltd*		10.00		
Beach Petroleum NL		10.00		
PPL 11	Otway Basin		Sq Km: 3	13/05/2009
Santos (BOL) Pty Ltd*		90.00		
Beach Petroleum NL		10.00		
PPL 12	Otway Basin		Sq Km: 3	03/02/2009
Santos (BOL) Pty Ltd*		100.00		

Retention Lease

Legislation Group: Territorial				
Sq km approximate				
PRL1	Otway Basin		Sq Km: 5	27/09/2017
Santos (BOL) Pty Ltd*		90.00		
Beach Petroleum Ltd		10.00		

Offshore

Exploration Permit

Legislation Group: PSLA				
Sq km approximate				
VIC/P41	Gippsland Basin	Blocks: 32	Sq Km: 2 160	13/02/2005
Bass Strait Oil Company Pty Ltd*		75.00		
Eagle Bay Resources NL		25.00		
VIC/P42	Gippsland Basin	Blocks: 28	Sq Km: 1 890	13/08/2006
<i>Omeo</i>		50.00		
Bass Strait Oil Company Pty Ltd*		50.00		
Inpex Alpha Ltd		50.00		
VIC/P43	Otway Basin	Blocks: 54	Sq Km: 3 645	10/08/2005
Woodside Energy Ltd*		51.55		
Benaris International NV		12.70		
CalEnergy Gas (Aust) Ltd		6.00		
Origin Energy Resources Ltd		29.75		
VIC/P44	Otway Basin	Blocks: 45	Sq Km: 3 037	10/08/2005
Strike Oil NL*		50.00		
Santos Ltd		50.00		
VIC/P45	Gippsland Basin	Blocks: 13	Sq Km: 877	15/05/2008
BHP Billiton Petroleum (Victoria) Pty Ltd*		60.00		
Inpex Alpha Ltd		40.00		
VIC/P46	Otway Basin	Blocks: 35	Sq Km: 1 864	27/05/2007
Essential Petroleum Resources Ltd*		100.00		
VIC/P47	Gippsland Basin	Blocks: 12	Sq Km: 742	27/02/2008
Bass Strait Oil Company Pty Ltd*		75.00		
Eagle Bay Resources NL		25.00		
VIC/P48	Gippsland Basin	Blocks: 48	Sq Km: 2 919	15/10/2007
EnCana Corporation*		100.00		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title				
Accumulation				
Company (Operator*)		Equity		Expiry Date
VIC/P49	Gippsland Basin	Blocks: 35	Sq Km: 2 375	15/10/2007
EnCana Corporation*			100.00	
VIC/P50	Otway Basin	Blocks: 58		16/09/2008
Essential Petroleum Resources Ltd*			100.00	
VIC/P51	Otway Basin	Blocks: 46		26/08/2008
Santos Ltd*			80.00	
INPEX Alpha Ltd			20.00	
VIC/P52	Otway Basin	Blocks: 87		26/08/2008
Santos Ltd*			33.33	
INPEX Alpha Ltd			33.33	
Uncol South Asean Ltd			33.34	
VIC/P53	Gippsland Basin	Blocks: 11		15/10/2009
Australian Crude Oil Co. Inc*			100.00	
VIC/P54	Gippsland Basin	Blocks: 11		07/04/2009
Nexus Energy (Aust.) NL*			100.00	
VIC/P55	Gippsland Basin	Blocks: 10		07/04/2009
Basin Oil Pty Ltd*			33.33	
Diamond Gas Resources Pty Ltd			33.33	
Santos Offshore Pty Ltd			33.33	
VIC/P56	Gippsland Basin	Blocks: 2		27/08/2009
Nexus Energy (Aust.) NL*			100.00	
Legislation Group: Territorial Sq km approximate				
VIC/P37(V)	Otway Basin	Blocks: 21	Sq Km: 515	16/04/2009
Origin Energy Resources Ltd*			37.50	
Woodside Energy Ltd			62.50	
VIC/P38(V)	Otway Basin	Blocks: 14	Sq Km: 368	11/05/2009
Benaris International NV*			100.00	
Production Licence				
Legislation Group: PSLA Sq km approximate				
VIC/L 1	Gippsland Basin	Blocks: 4	Sq Km: 260	24/08/2009
<i>Barracouta, 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	24/08/2009
<i>Barracouta, Whiting, Wirrah</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	24/08/2009
<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	24/08/2009
<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	19/09/2010
<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	19/09/2010
<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	19/09/2010
<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	19/09/2010
<i>Kingfish</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Bass Strait) Pty Ltd			50.00	
VIC/L 9 R1	Gippsland Basin	Blocks: 4	Sq Km: 260	12/07/2016
<i>Tuna</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Bass Strait) Pty Ltd			50.00	
VIC/L10	Gippsland Basin	Blocks: 4	Sq Km: 260	28/05/2018
<i>Emperor, Moonfish, Snapper, Sweetlips</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Bass Strait) Pty Ltd			50.00	
VIC/L11	Gippsland Basin	Blocks: 2	Sq Km: 130	28/05/2018
<i>Flounder, Grunter, Stonefish</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Bass Strait) Pty Ltd			50.00	
VIC/L13	Gippsland Basin	Blocks: 3	Sq Km: 202	15/12/2006
<i>Bream, Luderick</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Bass Strait) Pty Ltd			50.00	
VIC/L14	Gippsland Basin	Blocks: 3	Sq Km: 202	15/12/2006
<i>Bream</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Bass Strait) Pty Ltd			50.00	

Title				
Accumulation				
Company (Operator*)		Equity		Expiry Date
VIC/L15	Gippsland Basin	Blocks: 2	Sq Km: 130	13/06/2010
<i>Dolphin</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Bass Strait) Pty Ltd			50.00	
VIC/L16	Gippsland Basin	Blocks: 2	Sq Km: 130	13/06/2010
<i>Torsk</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Bass Strait) Pty Ltd			50.00	
VIC/L17	Gippsland Basin	Blocks: 1	Sq Km: 65	13/06/2010
<i>Perch</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Bass Strait) Pty Ltd			50.00	
VIC/L18	Gippsland Basin	Blocks: 2	Sq Km: 130	13/06/2010
<i>Seahorse</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Bass Strait) Pty Ltd			50.00	
VIC/L19	Gippsland Basin	Blocks: 1	Sq Km: 65	12/07/2016
<i>Halibut</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Bass Strait) Pty Ltd			50.00	
VIC/L20	Gippsland Basin	Blocks: 3	Sq Km: 195	01/01/2019
<i>Blackback, Volador</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Bass Strait) Pty Ltd			50.00	
VIC/L21	Gippsland Basin	Blocks: 2	Sq Km: 137	26/12/2022
<i>Patriciu/Baleen</i>				
OMV Timor Sea Pty Ltd*			5.00	
Basin Oil Pty Ltd			55.00	
Trinity Gas Resources Pty Ltd			40.00	
VIC/L22	Otway Basin	Blocks: 1		31/10/2023
BHP Billiton Petroleum (Victoria) Pty Ltd*			90.00	
Santos (BOL) Pty Ltd			10.00	
Retention Lease				
Legislation Group: PSLA Sq km approximate				
VIC/RL1	Gippsland Basin	Blocks: 1	Sq Km: 67	13/04/2005
<i>Mulloway</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Victoria) Pty Ltd			50.00	
VIC/RL2	Gippsland Basin	Blocks: 1	Sq Km: 67	14/12/2003
<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	
VIC/RL3	Gippsland Basin	Blocks: 3	Sq Km: 202	13/04/2005
<i>Sole</i>				
Basin Oil Pty Ltd*			35.00	
Santos Ltd			35.00	
Trinity Gas Resources Pty Ltd			30.00	
VIC/RL4 R1	Gippsland Basin	Blocks: 1	Sq Km: 67	27/02/2006
<i>Remora, Sunfish</i>				
Esso Australia Resources Ltd*			50.00	
BHP Billiton Petroleum (Bass Strait) Pty Ltd			50.00	
VIC/RL6	Gippsland Basin	Blocks: 1	Sq Km: 67	29/10/2005
<i>Basker, Manta</i>				
Woodside Eastern Energy Pty Ltd*			100.00	
VIC/RL7	Otway Basin	Blocks: 3	Sq Km: 202	19/12/2008
<i>La Bella</i>				
BHP Billiton Petroleum (Victoria) Pty Ltd*			90.00	
Santos (BOL) Pty Ltd			10.00	
VIC/RL9	Gippsland Basin	Blocks: 1	Sq Km: 68	21/03/2006
<i>Manta</i>				
Woodside Eastern Energy Pty Ltd*			100.00	
VIC/RL10	Gippsland Basin	Blocks: 1	Sq Km: 68	21/03/2006
<i>Gummy</i>				
Woodside Eastern Energy Pty Ltd*			100.00	
Legislation Group: Territorial Sq km approximate				
VIC/RL1(V)	Gippsland Basin	Blocks: 4	Sq Km: 90	27/08/2007
<i>Golden Beach</i>				
Santos Offshore Pty Ltd*			66.67	
Basin Oil NL			33.33	
Tasmania				
Onshore				
Exploration Permit				
Legislation Group: Territorial Sq km approximate				
EL13/98	Tasmania Basin		Sq Km: 32 576	18/05/2004
Great Southland Minerals Pty Ltd*			100.00	

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title				
Accumulation				
Company (Operator*)		Equity	Expiry Date	
Offshore				
Exploration Permit				
Legislation Group: PSLA		Sq km approximate		
T/18P R3	Bass Basin	Blocks: 16	Sq Km: 1 080	22/09/2004
Origin Energy Resources Ltd*		41.40		
Aust Wandoo Petroleum Ltd		12.50		
AWE Petroleum Ltd		22.60		
CalEnergy Gas (Aust) Ltd		23.50		
T/30P	Otway Basin	Blocks: 101	Sq Km: 6 817	09/07/2003
Benaris International NV*		12.70		
CalEnergy Gas (Aust) Ltd		6.00		
Origin Energy Resources Ltd		29.75		
Woodside Energy Ltd		51.55		
T/32P	Otway Basin	Blocks: 79		21/08/2008
Santos Offshore Pty Ltd*		50.00		
Unocal South Asean Ltd		50.00		
T/33P	Sorell Basin	Blocks: 77		21/08/2008
Santos Offshore Pty Ltd*		80.00		
Inpex Alpha Ltd		20.00		
T/34P	Otway Basin	Blocks: 60		16/07/2009
Woodside Energy Ltd*		62.50		
Origin Energy Resources Ltd		37.50		
T/35P	Otway Basin	Blocks: 50	Sq Km: 3 335	29/07/2009
Santos Offshore Pty Ltd*		50.00		
Unocal South Australia Ltd		50.00		
T/36P	Otway Basin	Blocks: 82		26/11/2009
Santos Offshore Pty Ltd*		50.00		
Unocal South Australia Ltd		50.00		

Production Licence				
Legislation Group: PSLA		Sq km approximate		
T/L1	Bass Basin	Blocks: 4	Sq Km: 27	17/04/2033
Origin Energy Resources Ltd*		32.50		
AWE Petroleum Ltd		30.00		
CalEnergy Gas (Aust) Ltd		20.00		
Origin Energy Northwest Ltd		5.00		
Wandoo Petroleum Pty Ltd		12.50		

Retention Lease				
Legislation Group: PSLA		Sq km approximate		
T/RL1 R2	Bass Basin	Blocks: 5	Sq Km: 337	14/10/2006
<i>Yolla</i>				
Origin Energy Resources Ltd*		32.50		
AWE Petroleum Ltd		37.50		
CalEnergy Gas (Aust) Ltd		20.00		
Origin Energy Northwest Ltd		5.00		
Santos Ltd		5.00		

South Australia				
Onshore				
Exploration Permit				
Legislation Group: Territorial		Sq km approximate		
PEL 27	Otway Basin		Sq Km: 240	30/07/2004
<i>Sawpit</i>				
Origin Energy CSG Ltd*		67.00		
Origin Energy Resources Ltd		33.00		
PEL 32	Otway Basin		Sq Km: 530	18/02/2005
<i>Wynn</i>				
Sagasco South East Inc.*		56.00		
Omega Oil NL		24.00		
Origin Energy Resources Ltd		20.00		
PEL 57	Otway Basin		Sq Km: 408	17/11/2006
Origin Energy Resources Ltd*		50.00		
Lakes Oil NL		30.00		
Mirboo Ridge Pty Ltd		10.00		
Victoria Petroleum NL		10.00		
PEL 66	Otway Basin		Sq Km: 376	17/06/2006
<i>Kalangadoo</i>				
Origin Energy Resources Ltd*		70.00		
Beach Petroleum NL		30.00		
PEL 72	Otway Basin		Sq Km: 504	25/03/2007
Essential Petroleum Resources Ltd*		100.00		
PEL 73	Stansbury Basin		Sq Km: 625	26/06/2005
David M. Schuette*		100.00		
PEL 82	Otway Basin		Sq Km: 275	21/03/2007
Allender J F		38.30		
Alvin Hosking		38.30		
Wenk, Andrew		23.30		
PEL 83	Otway Basin		Sq Km: 413	14/03/2006
Origin Energy Resources Ltd*		60.00		
Beach Oil & Gas Pty Ltd		40.00		

Title				
Accumulation				
Company (Operator*)		Equity	Expiry Date	
PEL 86	Cooper/Eromanga Basin	Sq Km: 4 316		07/01/2007
Victoria Oil Exploration (1977) Pty Ltd*		40.00		
Lion Energy Ltd		12.50		
Permian Oil Pty Ltd		20.00		
Springfield Oil & Gas Ltd		15.00		
Tacnas Pty Ltd		12.50		
PEL 87	Cooper/Eromanga Basin	Sq Km: 4 315		15/11/2006
Victoria Oil Exploration (1977) Pty Ltd*		40.00		
Lion Energy Ltd		12.50		
Permian Oil Pty Ltd		20.00		
Springfield Oil & Gas Ltd		15.00		
Tacnas Pty Ltd		12.50		
PEL 88	Cooper/Eromanga Basin	Sq Km: 4 987		15/11/2006
Liberty Petroleum Corporation*		100.00		
PEL 89	Cooper/Eromanga Basin	Sq Km: 4 891		07/01/2007
Victoria Oil Exploration (1977) Pty Ltd*		40.00		
Lion Energy Ltd		12.50		
Permian Oil Pty Ltd		20.00		
Springfield Oil & Gas Ltd		15.00		
Tacnas Pty Ltd		12.50		
PEL 90	Cooper/Eromanga Basin	Sq Km: 1 365		29/10/2006
Stuart Petroleum Ltd*		75.00		
Mawson Petroleum Pty Ltd		25.00		
PEL 91	Cooper/Eromanga Basin	Sq Km: 2 964		07/01/2007
Great Artesian Oil & Gas Ltd*		60.00		
Beach Petroleum Ltd		40.00		
PEL 92	Cooper/Eromanga Basin	Sq Km: 2 868		04/11/2006
Beach Petroleum NL*		75.00		
Cooper Energy NL		25.00		
PEL 93	Cooper/Eromanga Basin	Sq Km: 1 884		04/11/2006
Stuart Petroleum NL*		70.00		
Cooper Energy NL		30.00		
PEL 94	Cooper/Eromanga Basin	Sq Km: 2 703		04/11/2006
Beach Petroleum NL*		50.00		
Magellan Petroleum (NT) Pty Ltd		50.00		
PEL 95	Cooper/Eromanga Basin	Sq Km: 3 893		29/10/2006
Beach Petroleum NL*		50.00		
Magellan Petroleum (NT) Pty Ltd		50.00		
PEL 100	Cooper/Eromanga Basin	Sq Km: 594		05/03/2008
Cooper Energy NL*		0.00		
Liberty Petroleum Corporation		100.00		
PEL 101	Cooper/Eromanga Basin	Sq Km: 617		29/07/2008
Vernon E Faulconer Australia Inc*		100.00		
PEL 102	Cooper/Eromanga Basin	Sq Km: 650		23/10/2007
Stuart Petroleum NL*		100.00		
PEL 103	Cooper/Eromanga Basin	Sq Km: 767		29/01/2008
Vernon E Faulconer Australia Inc*		100.00		
Innaminka Petroleum Ltd				
PEL 104	Cooper/Eromanga Basin	Sq Km: 1 065		27/03/2008
Victoria Petroleum NL*		40.00		
Elcos Pty Ltd		2.50		
Lion Energy Ltd		12.50		
Permian Oil Pty Ltd		20.00		
Springfield Oil & Gas Ltd		12.50		
Tacnas Pty Ltd		12.50		
PEL 105	Cooper/Eromanga Basin	Sq Km: 437		23/04/2008
Hughes and Hughes Australia Pty Ltd*		66.67		
Tri-C Resources Inc.		33.33		
PEL 107	Cooper/Eromanga Basin	Sq Km: 814		01/04/2008
Great Artesian Oil & Gas Ltd*		60.00		
Beach Petroleum Ltd		40.00		
PEL 108	Cooper/Eromanga Basin	Sq Km: 2 047		16/04/2008
Australian-Canadian Oil Royalties Ltd*		50.00		
Ely Sakhai		50.00		
PEL 109	Cooper/Eromanga Basin	Sq Km: 1 515		16/04/2008
Australian-Canadian Oil Royalties Ltd*		50.00		
Ely Sakhai		50.00		
PEL 110	Cooper/Eromanga Basin	Sq Km: 1 458		04/02/2008
Beach Petroleum Ltd*		37.50		
Cooper Energy NL		25.00		
Magellan Petroleum (Southern) Pty Ltd		37.50		
PEL 111	Cooper/Eromanga Basin	Sq Km: 1 174		15/05/2008
Victoria Oil Exploration (1977) Pty Ltd*		40.00		
Lion Energy Ltd		12.50		
Permian Oil Pty Ltd		20.00		
Springfield Oil & Gas Ltd		15.00		
Tacnas Pty Ltd		12.50		
PEL 112	Cooper/Eromanga Basin	Sq Km: 3 326		16/04/2008
Australian-Canadian Oil Royalties Ltd*		50.00		
Ely Sakhai		50.00		
PEL 113	Cooper/Eromanga Basin	Sq Km: 1 163		30/04/2008
Stuart Petroleum Ltd*		100.00		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PEL 114 Cooper/Eromanga Basin	Sq Km: 958	21/05/2008	
Santos Ltd*	100.00		
PEL 115 Cooper/Eromanga Basin	Sq Km: 1 106	15/05/2008	
Victoria Oil Exploration (1977) Pty Ltd*	40.00		
Lion Energy Ltd	12.50		
Permian Oil Pty Ltd	20.00		
Springfield Oil & Gas Ltd	15.00		
Tacnas Pty Ltd	12.50		
PEL 136 Otway Basin	Sq Km: 3 371	07/05/2007	
Beach Petroleum NL*	100.00		
PEL 154 Otway Basin	Sq Km: 1 404	29/07/2008	
Rawson Resources NL*	100.00		
PEL 155 Otway Basin	Sq Km: 905	29/07/2008	
Rawson Resources NL*	100.00		

Production Licence

Legislation Group: Territorial			
	Sq km approximate		
PPL 6 Cooper/Eromanga Basin	Sq Km: 257	31/12/2005	
<i>Gidgealpa, Manson</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		
PPL 7 Cooper/Eromanga Basin	Sq Km: 254	31/12/2005	
<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		
PPL 8 Cooper/Eromanga Basin	Sq Km: 254	31/12/2005	
<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		
PPL 9 Cooper/Eromanga Basin	Sq Km: 133	31/12/2005	
<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		
PPL 10 Cooper/Eromanga Basin	Sq Km: 226	31/12/2005	
<i>Cowan, Daralingie, Deina, Yapani</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			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL11 Cooper/Eromanga Basin	Sq Km: 160	31/12/2005	
<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		
PPL12 Cooper/Eromanga Basin	Sq Km: 157	31/12/2005	
<i>Burke, Dulligari, Dulligari 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		
PPL13 Cooper/Eromanga Basin	Sq Km: 56	31/12/2005	
<i>Anyema, Brumby, 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		
PPL14 Cooper/Eromanga Basin	Sq Km: 233	31/12/2005	
<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		
PPL15 Cooper/Eromanga Basin	Sq Km: 154	31/12/2005	
<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		
PPL16 Cooper/Eromanga Basin	Sq Km: 127	31/12/2005	
<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		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL17 Cooper/Eromanga Basin	Sq Km: 141	31/12/2005	
<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		
PPL18 Cooper/Eromanga Basin	Sq Km: 109	31/12/2005	
<i>Fly Lake/Bralga</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		
PPL19 Cooper/Eromanga Basin	Sq Km: 37	31/12/2005	
<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		
PPL20 Cooper/Eromanga Basin	Sq Km: 130	31/12/2005	
<i>Gooranie, Tirrawaru</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		
PPL21 Otway Basin	Sq Km: 145	30/04/2021	
<i>Caroline</i>			
Air Liquide Australia Ltd*	100.00		
PPL22 Cooper/Eromanga Basin	Sq Km: 234	31/12/2006	
<i>Marabooka, Mina, Muderu, Nanima, Strzelocki, 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		
PPL23 Cooper/Eromanga Basin	Sq Km: 80	31/12/2006	
<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		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL24 Cooper/Eromanga Basin	Sq Km: 168	31/12/2006	
<i>Bongala, 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		
PPL25 Cooper/Eromanga Basin	Sq Km: 20	31/12/2006	
<i>Naroonowie</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		
PPL26 Cooper/Eromanga Basin	Sq Km: 4	10/06/2007	
<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		
PPL27 Cooper/Eromanga Basin	Sq Km: 23	31/12/2006	
<i>Mudrangie</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		
PPL28 Cooper/Eromanga Basin	Sq Km: 16	06/05/2007	
<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		
PPL29 Cooper/Eromanga Basin	Sq Km: 3	31/12/2008	
<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		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL30 Cooper/Eromanga Basin	Sq Km: 49	31/12/2006	
<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		
PPL31 Cooper/Eromanga Basin	Sq Km: 6	06/05/2007	
<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		
PPL32 Cooper/Eromanga Basin	Sq Km: 6	06/05/2007	
<i>Mutero</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		
PPL33 Cooper/Eromanga Basin	Sq Km: 15	31/12/2006	
<i>Bookabardie</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		
PPL34 Cooper/Eromanga Basin	Sq Km: 9	31/12/2006	
<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		
PPL35 Cooper/Eromanga Basin	Sq Km: 21	31/12/2006	
<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		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL36 Cooper/Eromanga Basin	Sq Km: 47	31/12/2006	
<i>Ahbyn, 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		
PPL37 Cooper/Eromanga Basin	Sq Km: 8	06/10/2007	
<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		
PPL38 Cooper/Eromanga Basin	Sq Km: 10	06/10/2007	
<i>Dirkalka, Dirkalka South, Dirkalka 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		
PPL39 Cooper/Eromanga Basin	Sq Km: 2	31/12/2006	
<i>Nungero</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		
PPL40 Cooper/Eromanga Basin	Sq Km: 11	31/12/2007	
<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		
PPL41 Cooper/Eromanga Basin	Sq Km: 20	31/12/2011	
<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		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL42 Cooper/Eromanga Basin	Sq Km: 7	31/12/2008	
<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		
PPL43 Cooper/Eromanga Basin	Sq Km: 3	31/12/2008	
<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		
PPL44 Cooper/Eromanga Basin	Sq Km: 5	31/12/2008	
<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		
PPL45 Cooper/Eromanga Basin	Sq Km: 1	29/03/2010	
<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		
PPL46 Cooper/Eromanga Basin	Sq Km: 2	20/12/2009	
<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		
PPL47 Cooper/Eromanga Basin	Sq Km: 4	20/12/2009	
<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		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL48 Cooper/Eromanga Basin	Sq Km: 2	31/12/2010	
<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		
PPL49 Cooper/Eromanga Basin	Sq Km: 8	31/12/2010	
<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		
PPL50 Cooper/Eromanga Basin	Sq Km: 17	31/12/2009	
<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		
PPL51 Cooper/Eromanga Basin	Sq Km: 7	31/12/2011	
<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		
PPL52 Cooper/Eromanga Basin	Sq Km: 2	31/12/2009	
<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		
PPL53 Cooper/Eromanga Basin	Sq Km: 2	04/12/2010	
<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		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL54 Cooper/Eromanga Basin	Sq Km: 1	15/06/2010	
<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		
PPL55 Cooper/Eromanga Basin	Sq Km: 10	31/12/2011	
<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		
PPL56 Cooper/Eromanga Basin	Sq Km: 4	31/12/2013	
<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		
PPL57 Cooper/Eromanga Basin	Sq Km: 10	16/07/2011	
<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		
PPL58 Cooper/Eromanga Basin	Sq Km: 15	31/12/2010	
<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		
PPL59 Cooper/Eromanga Basin	Sq Km: 10	16/07/2011	
<i>Garanjamie</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			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL60 Cooper/Eromanga Basin	Sq Km: 7	25/05/2014	
<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		
PPL61 Cooper/Eromanga Basin	Sq Km: 12	17/10/2011	
<i>Arrakis/Murta</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		
PPL62 Otway Basin	Sq Km: 29	26/11/2011	
<i>Haselgrove, Katnook, Ladbrooke Grove</i>			
Origin Energy Resources Ltd*	20.00		
Omega Oil NL	24.29		
Sagasco South East Inc.	55.71		
PPL63 Cooper/Eromanga Basin	Sq Km: 1	23/05/2012	
<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		
PPL64 Cooper/Eromanga Basin	Sq Km: 2	23/05/2012	
<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		
PPL65 Cooper/Eromanga Basin	Sq Km: 6	17/07/2012	
<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		
PPL66 Cooper/Eromanga Basin	Sq Km: 11	24/11/2012	
<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		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL67 Cooper/Eromanga Basin	Sq Km: 11	17/07/2012	
<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		
PPL68 Cooper/Eromanga Basin	Sq Km: 14	31/12/2011	
<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		
PPL69 Cooper/Eromanga Basin	Sq Km: 12	31/12/2011	
<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		
PPL70 Cooper/Eromanga Basin	Sq Km: 6	25/05/2014	
<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		
PPL71 Cooper/Eromanga Basin	Sq Km: 16	31/12/2013	
<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		
PPL72 Cooper/Eromanga Basin	Sq Km: 17	31/12/2013	
<i>Dilbees, 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		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL73 Cooper/Eromanga Basin	Sq Km: 1	31/12/2015	
<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		
PPL74 Cooper/Eromanga Basin	Sq Km: 5	31/12/2015	
<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		
PPL75 Cooper/Eromanga Basin	Sq Km: 6	26/10/2016	
<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		
PPL76 Cooper/Eromanga Basin	Sq Km: 3	26/10/2016	
<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		
PPL77 Cooper/Eromanga Basin	Sq Km: 10	26/10/2016	
<i>Kelary</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		
PPL78 Cooper/Eromanga Basin	Sq Km: 6	31/12/2016	
<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		
PPL79 Cooper/Eromanga Basin	Sq Km: 2	31/12/2016	
<i>Gahnia</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			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL80 Cooper/Eromanga Basin	Sq Km: 3	31/12/2016	
<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		
PPL81 Cooper/Eromanga Basin	Sq Km: 4	31/10/2017	
<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		
PPL82 Cooper/Eromanga Basin	Sq Km: 6	31/12/2016	
<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		
PPL83 Cooper/Eromanga Basin	Sq Km: 3	31/12/2016	
<i>Pogona</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		
PPL84 Cooper/Eromanga Basin	Sq Km: 28	06/06/2018	
<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		
PPL85 Cooper/Eromanga Basin	Sq Km: 3	31/12/2017	
<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		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL86 Cooper/Eromanga Basin	Sq Km: 2	31/12/2017	
<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		
PPL87 Cooper/Eromanga Basin	Sq Km: 5	31/12/2017	
<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		
PPL88 Cooper/Eromanga Basin	Sq Km: 2	31/12/2017	
<i>Ljansa</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		
PPL89 Cooper/Eromanga Basin	Sq Km: 6	31/12/2017	
<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		
PPL90 Cooper/Eromanga Basin	Sq Km: 61	31/12/2017	
<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		
PPL91 Cooper/Eromanga Basin	Sq Km: 9	31/12/2017	
<i>Cowrali</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				Title			
Accumulation				Accumulation			
Company (Operator*)	Equity	Expiry Date		Company (Operator*)	Equity	Expiry Date	
PPL92 Cooper/Eromanga Basin	Sq Km: 2	31/12/2017		PPL98 Cooper/Eromanga Basin	Sq Km: 7	31/12/2017	
<i>Plantago</i>				<i>Merupa</i>			
Santos Ltd*	40.70			Santos Ltd*	40.70		
Alliance Petroleum Australia Pty Ltd	3.97			Alliance Petroleum Australia Pty Ltd	3.97		
Basin Oil NL	2.10			Basin Oil NL	2.10		
Bridge Oil Developments Pty Ltd	3.99			Bridge Oil Developments Pty Ltd	3.99		
Delhi Petroleum Pty Ltd	20.21			Delhi Petroleum Pty Ltd	20.21		
Novus Australia Resources NL	4.75			Novus Australia Resources NL	4.75		
Origin Energy Resources Ltd	13.19			Origin Energy Resources Ltd	13.19		
Reef Oil NL	1.97			Reef Oil NL	1.97		
Santos (BOL) Pty Ltd	0.21			Santos (BOL) Pty Ltd	0.21		
Santos Petroleum Pty Ltd	0.40			Santos Petroleum Pty Ltd	0.40		
Vamgas Pty Ltd	8.51			Vamgas Pty Ltd	8.51		
PPL93 Cooper/Eromanga Basin	Sq Km: 7	31/12/2017		PPL99 Cooper/Eromanga Basin	Sq Km: 7	31/12/2017	
<i>Wilpinnie</i>				<i>Merindal</i>			
Santos Ltd*	40.70			Santos Ltd*	40.70		
Alliance Petroleum Australia Pty Ltd	3.97			Alliance Petroleum Australia Pty Ltd	3.97		
Basin Oil NL	2.10			Basin Oil NL	2.10		
Bridge Oil Developments Pty Ltd	3.99			Bridge Oil Developments Pty Ltd	3.99		
Delhi Petroleum Pty Ltd	20.21			Delhi Petroleum Pty Ltd	20.21		
Novus Australia Resources NL	4.75			Novus Australia Resources NL	4.75		
Origin Energy Resources Ltd	13.19			Origin Energy Resources Ltd	13.19		
Reef Oil NL	1.97			Reef Oil NL	1.97		
Santos (BOL) Pty Ltd	0.21			Santos (BOL) Pty Ltd	0.21		
Santos Petroleum Pty Ltd	0.40			Santos Petroleum Pty Ltd	0.40		
Vamgas Pty Ltd	8.51			Vamgas Pty Ltd	8.51		
PPL94 Cooper/Eromanga Basin	Sq Km: 7	08/01/2019		PPL100 Cooper/Eromanga Basin	Sq Km: 5	31/12/2017	
<i>Atrides</i>				<i>Nappaooenge, Nappaooenge East</i>			
Santos Ltd*	40.70			Santos Ltd*	40.70		
Alliance Petroleum Australia Pty Ltd	3.97			Alliance Petroleum Australia Pty Ltd	3.97		
Basin Oil NL	2.10			Basin Oil NL	2.10		
Bridge Oil Developments Pty Ltd	3.99			Bridge Oil Developments Pty Ltd	3.99		
Delhi Petroleum Pty Ltd	20.21			Delhi Petroleum Pty Ltd	20.21		
Novus Australia Resources NL	4.75			Novus Australia Resources NL	4.75		
Origin Energy Resources Ltd	13.19			Origin Energy Resources Ltd	13.19		
Reef Oil NL	1.97			Reef Oil NL	1.97		
Santos (BOL) Pty Ltd	0.21			Santos (BOL) Pty Ltd	0.21		
Santos Petroleum Pty Ltd	0.40			Santos Petroleum Pty Ltd	0.40		
Vamgas Pty Ltd	8.51			Vamgas Pty Ltd	8.51		
PPL95 Cooper/Eromanga Basin	Sq Km: 12	21/05/2019		PPL101 Cooper/Eromanga Basin	Sq Km: 214	02/11/2018	
<i>Nephrite</i>				<i>Nappameri Trough, Swan Lake</i>			
Santos Ltd*	40.70			Santos Ltd*	40.70		
Alliance Petroleum Australia Pty Ltd	3.97			Alliance Petroleum Australia Pty Ltd	3.97		
Basin Oil NL	2.10			Basin Oil NL	2.10		
Bridge Oil Developments Pty Ltd	3.99			Bridge Oil Developments Pty Ltd	3.99		
Delhi Petroleum Pty Ltd	20.21			Delhi Petroleum Pty Ltd	20.21		
Novus Australia Resources NL	4.75			Novus Australia Resources NL	4.75		
Origin Energy Resources Ltd	13.19			Origin Energy Resources Ltd	13.19		
Reef Oil NL	1.97			Reef Oil NL	1.97		
Santos (BOL) Pty Ltd	0.21			Santos (BOL) Pty Ltd	0.21		
Santos Petroleum Pty Ltd	0.40			Santos Petroleum Pty Ltd	0.40		
Vamgas Pty Ltd	8.51			Vamgas Pty Ltd	8.51		
PPL96 Cooper/Eromanga Basin	Sq Km: 3	31/12/2017		PPL102 Cooper/Eromanga Basin	Sq Km: 231	02/11/2018	
<i>Beckler</i>				<i>Nappameri Trough, Wantana</i>			
Santos Ltd*	40.70			Santos Ltd*	40.70		
Alliance Petroleum Australia Pty Ltd	3.97			Alliance Petroleum Australia Pty Ltd	3.97		
Basin Oil NL	2.10			Basin Oil NL	2.10		
Bridge Oil Developments Pty Ltd	3.99			Bridge Oil Developments Pty Ltd	3.99		
Delhi Petroleum Pty Ltd	20.21			Delhi Petroleum Pty Ltd	20.21		
Novus Australia Resources NL	4.75			Novus Australia Resources NL	4.75		
Origin Energy Resources Ltd	13.19			Origin Energy Resources Ltd	13.19		
Reef Oil NL	1.97			Reef Oil NL	1.97		
Santos (BOL) Pty Ltd	0.21			Santos (BOL) Pty Ltd	0.21		
Santos Petroleum Pty Ltd	0.40			Santos Petroleum Pty Ltd	0.40		
Vamgas Pty Ltd	8.51			Vamgas Pty Ltd	8.51		
PPL97 Cooper/Eromanga Basin	Sq Km: 2	31/12/2017		PPL103 Cooper/Eromanga Basin	Sq Km: 258	02/11/2018	
<i>Beckler South</i>				<i>Wantana</i>			
Santos Ltd*	40.70			Santos Ltd*	40.70		
Alliance Petroleum Australia Pty Ltd	3.97			Alliance Petroleum Australia Pty Ltd	3.97		
Basin Oil NL	2.10			Basin Oil NL	2.10		
Bridge Oil Developments Pty Ltd	3.99			Bridge Oil Developments Pty Ltd	3.99		
Delhi Petroleum Pty Ltd	20.21			Delhi Petroleum Pty Ltd	20.21		
Novus Australia Resources NL	4.75			Novus Australia Resources NL	4.75		
Origin Energy Resources Ltd	13.19			Origin Energy Resources Ltd	13.19		
Reef Oil NL	1.97			Reef Oil NL	1.97		
Santos (BOL) Pty Ltd	0.21			Santos (BOL) Pty Ltd	0.21		
Santos Petroleum Pty Ltd	0.40			Santos Petroleum Pty Ltd	0.40		
Vamgas Pty Ltd	8.51			Vamgas Pty Ltd	8.51		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL104 Cooper/Eromanga Basin	Sq Km: 259	02/11/2018	
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		
PPL105 Cooper/Eromanga Basin	Sq Km: 256	02/11/2018	
<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		
PPL106 Cooper/Eromanga Basin	Sq Km: 254	02/11/2018	
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		
PPL107 Cooper/Eromanga Basin	Sq Km: 217	02/11/2018	
<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		
PPL108 Cooper/Eromanga Basin	Sq Km: 254	02/11/2018	
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		
PPL109 Cooper/Eromanga Basin	Sq Km: 248	02/11/2018	
<i>Bulyero</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			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL110 Cooper/Eromanga Basin	Sq Km: 228	02/11/2018	
<i>Barley</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		
PPL111 Cooper/Eromanga Basin	Sq Km: 254	02/11/2018	
<i>McLeod</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		
PPL112 Cooper/Eromanga Basin	Sq Km: 255	02/11/2018	
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		
PPL113 Cooper/Eromanga Basin	Sq Km: 232	02/11/2018	
<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		
PPL114 Cooper/Eromanga Basin	Sq Km: 242	02/11/2018	
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		
PPL115 Cooper/Eromanga Basin	Sq Km: 251	02/11/2018	
<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		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL116 Cooper/Eromanga Basin	Sq Km: 249	02/11/2018	
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		
PPL117 Cooper/Eromanga Basin	Sq Km: 239	02/11/2018	
<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		
PPL118 Cooper/Eromanga Basin	Sq Km: 1	26/05/2019	
<i>Kudriake 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		
PPL119 Cooper/Eromanga Basin	Sq Km: 7	31/12/2017	
<i>Kudriake, 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		
PPL120 Cooper/Eromanga Basin	Sq Km: 4	31/12/2017	
<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		
PPL121 Cooper/Eromanga Basin	Sq Km: 5	26/05/2019	
<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		
PPL122 Cooper/Eromanga Basin	Sq Km: 6	23/09/2019	
<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		
PPL123 Cooper/Eromanga Basin	Sq Km: 5	23/09/2019	
<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		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL124 Cooper/Eromanga Basin	Sq Km: 5	31/12/2018	
<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		
PPL125 Cooper/Eromanga Basin	Sq Km: 9	11/02/2020	
<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		
PPL126 Cooper/Eromanga Basin	Sq Km: 1	21/02/2020	
<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		
PPL127 Cooper/Eromanga Basin	Sq Km: 4	21/02/2020	
<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		
PPL128 Cooper/Eromanga Basin	Sq Km: 1	21/02/2020	
<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		
PPL129 Cooper/Eromanga Basin	Sq Km: 1	20/04/2020	
<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		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL130 Cooper/Eromanga Basin	Sq Km: 1	20/04/2020	
<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		
PPL131 Cooper/Eromanga Basin	Sq Km: 40	20/04/2020	
<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		
PPL132 Cooper/Eromanga Basin	Sq Km: 1	31/12/2019	
<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		
PPL133 Cooper/Eromanga Basin	Sq Km: 1	31/12/2019	
<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		
PPL134 Cooper/Eromanga Basin	Sq Km: 1	31/12/2019	
<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		
PPL135 Cooper/Eromanga Basin	Sq Km: 11	31/12/2019	
<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		
PPL136 Cooper/Eromanga Basin	Sq Km: 33	17/06/2020	
<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		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL137 Cooper/Eromanga Basin	Sq Km: 7	25/05/2020	
<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		
PPL138 Cooper/Eromanga Basin	Sq Km: 25	10/08/2020	
<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		
PPL139 Cooper/Eromanga Basin	Sq Km: 16	31/12/2019	
<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		
PPL140 Cooper/Eromanga Basin	Sq Km: 162	31/12/2019	
<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		
PPL141 Cooper/Eromanga Basin	Sq Km: 125	31/12/2019	
<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		
PPL142 Cooper/Eromanga Basin	Sq Km: 28	10/08/2020	
<i>Moolton</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		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL143 Cooper/Eromanga Basin	Sq Km: 93	31/12/2019	
<i>Dorodillo</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		
PPL144 Cooper/Eromanga Basin	Sq Km: 7	10/08/2020	
<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		
PPL145 Cooper/Eromanga Basin	Sq Km: 18	10/08/2020	
<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		
PPL146 Cooper/Eromanga Basin	Sq Km: 10	31/12/2019	
<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		
PPL147 Cooper/Eromanga Basin	Sq Km: 3	10/08/2020	
<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		
PPL148 Cooper/Eromanga Basin	Sq Km: 8	10/08/2020	
<i>Welcome 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		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL149 Cooper/Eromanga Basin	Sq Km: 33	31/12/2019	
<i>Jalbu 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		
PPL150 Cooper/Eromanga Basin	Sq Km: 22	10/08/2020	
<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		
PPL151 Cooper/Eromanga Basin	Sq Km: 66	31/12/2019	
<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		
PPL152 Cooper/Eromanga Basin	Sq Km: 4	10/08/2020	
<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		
PPL153 Cooper/Eromanga Basin	Sq Km: 43	31/12/2019	
<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		
PPL154 Cooper/Eromanga Basin	Sq Km: 4	31/12/2019	
<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		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title				Title			
Accumulation				Accumulation			
Company (Operator*)	Equity	Expiry Date		Company (Operator*)	Equity	Expiry Date	
PPL155 Cooper/Eromanga Basin	Sq Km: 9	10/08/2020		PPL162 Cooper/Eromanga Basin	Sq Km: 3	08/08/2020	
<i>Bunge</i>				<i>Sturt</i>			
Santos Ltd*	40.70			Santos Ltd*	40.70		
Alliance Petroleum Australia Pty Ltd	3.97			Alliance Petroleum Australia Pty Ltd	3.97		
Basin Oil NL	2.10			Basin Oil NL	2.10		
Bridge Oil Developments Pty Ltd	3.99			Bridge Oil Developments Pty Ltd	3.99		
Delhi Petroleum Pty Ltd	20.21			Delhi Petroleum Pty Ltd	20.21		
Novus Australia Resources NL	4.75			Novus Australia Resources NL	4.75		
Origin Energy Resources Ltd	13.19			Origin Energy Resources Ltd	13.19		
Reef Oil NL	1.97			Reef Oil NL	1.97		
Santos (BOL) Pty Ltd	0.21			Santos (BOL) Pty Ltd	0.21		
Santos Petroleum Pty Ltd	0.40			Santos Petroleum Pty Ltd	0.40		
Vamgas Pty Ltd	8.51			Vamgas Pty Ltd	8.51		
PPL156 Cooper/Eromanga Basin	Sq Km: 35	10/08/2020		PPL163 Cooper/Eromanga Basin	Sq Km: 1	31/12/2019	
<i>Beanbush</i>				<i>Brumby</i>			
Santos Ltd*	25.60			Santos Ltd*	40.70		
Delhi Petroleum Pty Ltd	17.14			Alliance Petroleum Australia Pty Ltd	3.97		
Novus Australia Resources NL	2.97			Basin Oil NL	2.10		
Origin Energy Resources Ltd	10.54			Bridge Oil Developments Pty Ltd	3.99		
Vamgas Pty Ltd	43.75			Delhi Petroleum Pty Ltd	20.21		
PPL157 Cooper/Eromanga Basin	Sq Km: 3	10/08/2020		Novus Australia Resources NL	4.75		
<i>Muscat</i>				Origin Energy Resources Ltd	13.19		
Santos Ltd*	40.70			Reef Oil NL	1.97		
Alliance Petroleum Australia Pty Ltd	3.97			Santos (BOL) Pty Ltd	0.21		
Basin Oil NL	2.10			Santos Petroleum Pty Ltd	0.40		
Bridge Oil Developments Pty Ltd	3.99			Vamgas Pty Ltd	8.51		
Delhi Petroleum Pty Ltd	20.21			PPL164 Cooper/Eromanga Basin	Sq Km: 3	31/12/2019	
Novus Australia Resources NL	4.75			<i>Packsaddle</i>			
Origin Energy Resources Ltd	13.19			Santos Ltd*	40.70		
Reef Oil NL	1.97			Alliance Petroleum Australia Pty Ltd	3.97		
Santos (BOL) Pty Ltd	0.21			Basin Oil NL	2.10		
Santos Petroleum Pty Ltd	0.40			Bridge Oil Developments Pty Ltd	3.99		
Vamgas Pty Ltd	8.51			Delhi Petroleum Pty Ltd	20.21		
PPL158 Cooper/Eromanga Basin	Sq Km: 67	08/08/2020		Novus Australia Resources NL	4.75		
<i>Verona</i>				Origin Energy Resources Ltd	13.19		
Santos Ltd*	25.60			Reef Oil NL	1.97		
Delhi Petroleum Pty Ltd	17.14			Santos (BOL) Pty Ltd	0.21		
Novus Australia Resources NL	2.97			Santos Petroleum Pty Ltd	0.40		
Origin Energy Resources Ltd	10.54			Vamgas Pty Ltd	8.51		
Vamgas Pty Ltd	43.75			PPL165 Cooper/Eromanga Basin	Sq Km: 4	26/08/2020	
PPL159 Cooper/Eromanga Basin	Sq Km: 4	22/07/2020		<i>Malgoona</i>			
<i>Touriga</i>				Santos Ltd*	40.70		
Santos Ltd*	40.70			Alliance Petroleum Australia Pty Ltd	3.97		
Alliance Petroleum Australia Pty Ltd	3.97			Basin Oil NL	2.10		
Basin Oil NL	2.10			Bridge Oil Developments Pty Ltd	3.99		
Bridge Oil Developments Pty Ltd	3.99			Delhi Petroleum Pty Ltd	20.21		
Delhi Petroleum Pty Ltd	20.21			Novus Australia Resources NL	4.75		
Novus Australia Resources NL	4.75			Origin Energy Resources Ltd	13.19		
Origin Energy Resources Ltd	13.19			Reef Oil NL	1.97		
Reef Oil NL	1.97			Santos (BOL) Pty Ltd	0.21		
Santos (BOL) Pty Ltd	0.21			Santos Petroleum Pty Ltd	0.40		
Santos Petroleum Pty Ltd	0.40			Vamgas Pty Ltd	8.51		
Vamgas Pty Ltd	8.51			PPL166 Cooper/Eromanga Basin	Sq Km: 1	31/12/2019	
PPL160 Cooper/Eromanga Basin	Sq Km: 3	22/07/2020		<i>Taylor South</i>			
<i>Mica</i>				Santos Ltd*	40.70		
Santos Ltd*	40.70			Alliance Petroleum Australia Pty Ltd	3.97		
Alliance Petroleum Australia Pty Ltd	3.97			Basin Oil NL	2.10		
Basin Oil NL	2.10			Bridge Oil Developments Pty Ltd	3.99		
Bridge Oil Developments Pty Ltd	3.99			Delhi Petroleum Pty Ltd	20.21		
Delhi Petroleum Pty Ltd	20.21			Novus Australia Resources NL	4.75		
Novus Australia Resources NL	4.75			Origin Energy Resources Ltd	13.19		
Origin Energy Resources Ltd	13.19			Reef Oil NL	1.97		
Reef Oil NL	1.97			Santos (BOL) Pty Ltd	0.21		
Santos (BOL) Pty Ltd	0.21			Santos Petroleum Pty Ltd	0.40		
Santos Petroleum Pty Ltd	0.40			Vamgas Pty Ltd	8.51		
Vamgas Pty Ltd	8.51			PPL167 Cooper/Eromanga Basin	Sq Km: 7	02/09/2020	
PPL161 Cooper/Eromanga Basin	Sq Km: 7	08/08/2020		<i>Monlion</i>			
<i>Malgoona</i>				Santos Ltd*	25.60		
Santos Ltd*	40.70			Delhi Petroleum Pty Ltd	17.14		
Alliance Petroleum Australia Pty Ltd	3.97			Novus Australia Resources NL	2.97		
Basin Oil NL	2.10			Origin Energy Resources Ltd	10.54		
Bridge Oil Developments Pty Ltd	3.99			Vamgas Pty Ltd	43.75		
Delhi Petroleum Pty Ltd	20.21			PPL168 Otway Basin	Sq Km: 9	25/06/2020	
Novus Australia Resources NL	4.75			<i>Redman</i>			
Origin Energy Resources Ltd	13.19			Origin Energy Resources Ltd*	20.00		
Reef Oil NL	1.97			Omega Oil NL	24.29		
Santos (BOL) Pty Ltd	0.21			Sagasco South East Inc.	55.71		
Santos Petroleum Pty Ltd	0.40						
Vamgas Pty Ltd	8.51						

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title		
Accumulation		
Company (Operator*)	Equity	Expiry Date
PPL169 Cooper/Eromanga Basin	Sq Km: 14	
<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	
PPL170 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	
PPL171 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	
PPL172 Cooper/Eromanga Basin	Sq Km: 127	
<i>Yalamma</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	
PPL173 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	
PPL174 Cooper/Eromanga Basin	Sq Km: 13	
<i>Cactus, Deparamie</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		
Accumulation		
Company (Operator*)	Equity	Expiry Date
PPL175 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	
PPL176 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	
PPL177 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	
PPL178 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	
PPL179 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	
PPL180 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			
Accumulation			
Company (Operator*)		Equity	Expiry Date
PPL181	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	
PPL182	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	
PPL183	Cooper/Eromanga Basin	Sq Km: 15	
<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	
PPL184	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	
PPL185	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	
PPL186	Cooper/Eromanga Basin	Sq Km: 21	
<i>Kohari</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	
PPL187	Cooper/Eromanga Basin	Sq Km: 17	
<i>Lamolina</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			
Accumulation			
Company (Operator*)		Equity	Expiry Date
PPL188	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	
PPL189	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	
PPL190	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	
PPL191	Cooper/Eromanga Basin	Sq Km: 10	
<i>Moonie</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	
PPL192	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	
PPL193	Cooper/Eromanga Basin	Sq Km: 10	
<i>Quarpot</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	
PPL194	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			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
PPL195 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		
PPL196 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		
PPL197 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		
PPL198 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		
PPL199 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		
PPL202 Otway Basin	Sq Km: 2		
<i>Haselgrove, Ladbroke Grove</i>			
Origin Energy Resources Ltd*	20.00		
Omega Oil NL	24.29		
Sagasco South East Inc.	55.71		
PPL203 Cooper/Eromanga Basin	Sq Km: 2		
<i>Acrasia</i>			
Stuart Petroleum Ltd*	75.00		
Mawson Petroleum Pty Ltd	25.00		
PPL204 Cooper/Eromanga Basin	Sq Km: 2		
<i>Sellicks</i>			
Beach Petroleum Ltd*	75.00		
Cooper Energy NL	25.00		

Offshore

Exploration Permit

Legislation Group: **PSLA** Sq km approximate

EPP33 Great Australian Bight Basin	Blocks: 80	18/12/2009
Basin		
Kerr McGee NW Shelf Energy Australia Pty Ltd*	100.00	
EPP27 Otway Basin	Blocks: 67 Sq Km: 3 962	24/02/2006
Great Artesian Oil & Gas Ltd*		
	100.00	

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
EPP28 Great Australian Bight Basin	Blocks: 225 Sq Km: 15 896	11/10/2006	
Woodside Energy Ltd*			
Anadarko Australia Company Pty Ltd	40.00		
EnCana Corporation	30.00		
EPP29 Great Australian Bight Basin	Blocks: 268 Sq Km: 18 763	11/04/2007	
Woodside Energy Ltd*			
Anadarko Australia Company Pty Ltd	40.00		
EnCana Corporation	30.00		
EPP30 Great Australian Bight Basin	Blocks: 318 Sq Km: 22 225	11/04/2007	
Woodside Energy Ltd*			
Anadarko Australia Company Pty Ltd	40.00		
EnCana Corporation	30.00		
EPP31 Great Australian Bight Basin	Blocks: 80	26/06/2008	
Woodside Energy Ltd*			
Anadarko Australia Company Pty Ltd	40.00		
EnCana Corporation	30.00		
EPP32 Great Australian Bight Basin	Blocks: 76	12/12/2008	
Santos Offshore Pty Ltd*			
	100.00		

Western Australia

Onshore

Exploration Permit

Legislation Group: **Territorial** Sq km approximate

EP 23 R6 Perth Basin	Blocks: 9	Sq Km: 697	09/06/2007
Ausam Resources NL*			
		100.00	
EP 41 R6 Carnarvon Basin	Blocks: 9	Sq Km: 697	13/05/2008
Lansvale Oil and Gas Pty Ltd*			
Pace Petroleum Pty Ltd			
Rough Range Oil Pty Ltd			
EP 61 R6 Carnarvon Basin	Blocks: 4	Sq Km: 310	11/12/2007
ChevronTexaco Australia Pty Ltd*			
Mobil Australia Resources Company Pty Ltd			
Santos Offshore Pty Ltd			
Texaco Australia Pty Ltd			
EP 62 R6 Carnarvon Basin	Blocks: 1	Sq Km: 77	12/10/2008
ChevronTexaco Australia Pty Ltd*			
Mobil Australia Resources Company Pty Ltd			
Santos Offshore Pty Ltd			
Texaco Australia Pty Ltd			
EP 104 R4 Canning Basin	Blocks: 12	Sq Km: 996	09/11/2004
Gulliver Productions Pty Ltd*			
First Australian Resources NL			
Indigo Oil Pty Ltd			
Kimberley Oil NL			
Pancontinental Oil & Gas NL			
Pelsoil Ltd			
Voyager (PB) Ltd			
EP 110 R4 Carnarvon Basin	Blocks: 9	Sq Km: 691	23/01/2006
Carnarvon Petroleum NL*			
Euro Pacific Energy Pty Ltd			
Hardman Oil and Gas Pty Ltd			
Pan Pacific Petroleum (South Aust) Pty Ltd			
Radford, Roy Antony			
EP 129 R4 Canning Basin	Blocks: 9	Sq Km: 735	08/07/2006
Terratek Drilling Tools Pty Ltd*			
EP 137 R4 Carnarvon Basin	Blocks: 9	Sq Km: 1 360	22/05/2005
TAP (SHELFAL) Pty Ltd*			
JED North West Shelf Pty Ltd			
EP 307 R3 Carnarvon Basin	Blocks: 4	Sq Km: 161	17/09/2005
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			
EP 320 R3 Perth Basin	Blocks: 16	Sq Km: 1 316	23/07/2007
Origin Energy Developments Pty Ltd*			
AWE (Perth Basin) Ltd			
EP 321 R2 Perth Basin	Blocks: 26	Sq Km: 1 755	01/07/2003
Renewal Pending			
Ausam Resources NL*			
Capital Consultant Services Pty Ltd			
EP 357 R2 Carnarvon Basin	Blocks: 3		29/04/2007
ChevronTexaco Australia Pty Ltd*			
Mobil Australia Resources Company Pty Ltd			
Santos Offshore Pty Ltd			
Texaco Australia Pty Ltd			

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title				
Accumulation				
Company (Operator*)		Equity		Expiry Date
EP 358 R1	Carnarvon Basin	Blocks: 5	Sq Km: 387	14/11/2004
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				
EP 359 R1	Carnarvon Basin	Blocks: 21	Sq Km: 1 626	06/04/2004
Renewal Pending				
Lansvale Oil and Gas Pty Ltd*				
Pace Petroleum Pty Ltd				
Rough Range Oil Pty Ltd				
Sun Resources NL				
EP 363 R2	Carnarvon Basin	Blocks: 4	Sq Km: 310	11/08/2007
Apache Northwest Pty Ltd*				
Kufpee Australia Pty Ltd				
Tap (Harriet) Pty Ltd				
EP 364 R1	Carnarvon Basin	Blocks: 1	Sq Km: 77	14/11/2004
TAP (SHELFAL) PTY LTD*				
Westranch Holdings Pty Ltd				
EP 368 R2	Perth Basin	Blocks: 8	Sq Km: 619	10/02/2008
AWE Petroleum Ltd*				
Hardman Oil and Gas Pty Ltd				
Origin Energy Developments Pty Ltd				
Voyager (PB) Ltd				
Westranch Holdings Pty Ltd				
EP 369 R1	Carnarvon Basin	Blocks: 31	Sq Km: 2 400	12/10/2003
Renewal Pending				
Longreach Oil Ltd*				
100.00				
EP 371 R1	Canning Basin	Blocks: 45	Sq Km: 3 675	04/05/2005
Kimberley Oil NL*				
EP 374 R1	Canning Basin	Blocks: 100	Sq Km: 7 744	22/03/2004
Nerdlihc Company Inc*				
100.00				
EP 375 R1	Canning Basin	Blocks: 100	Sq Km: 7 744	22/03/2004
Nerdlihc Company Inc*				
100.00				
EP 376 R1	Canning Basin	Blocks: 100	Sq Km: 7 744	22/03/2004
Nerdlihc Company Inc*				
100.00				
EP 381 R1	Perth Basin	Blocks: 21	Sq Km: 1 417	10/12/2003
Renewal Pending				
Southern Amity Inc*				
Geopetro Resources Company				
EP 386 R1	Bonaparte Basin	Blocks: 91	Sq Km: 7 554	11/07/2004
<i>Bonaparte, Garimala, Ningbing, Waggon Creek</i>				
Kimberley Energy Group Pty Ltd*				
100.00				
EP 389 R1	Perth Basin	Blocks: 28	Sq Km: 2 052	24/09/2005
Empire Oil Company (WA) Ltd*				
EP 390 R1	Canning Basin	Blocks: 65	Sq Km: 10 792	28/06/2006
Kimberley Oil NL*				
100.00				
EP 391 R1	Canning Basin	Blocks: 59	Sq Km: 9 796	28/06/2006
Kimberley Oil NL*				
100.00				
EP 405	Carnarvon Basin	Blocks: 113	Sq Km: 8 750	12/10/2003
Renewal Pending				
Longreach Oil Ltd*				
100.00				
EP 407	Perth Basin	Blocks: 26	Sq Km: 1 755	04/03/2003
Renewal Pending				
Ausam Resources NL*				
Capital Consultant Services Pty Ltd				
EP 408 R1	Perth Basin	Blocks: 13	Sq Km: 878	27/07/2008
Southern Amity Inc*				
Geopetro Resources Company				
Korea National Oil Corporation				
SCGAU Pty Ltd				
EP 410	Carnarvon Basin	Blocks: 20	Sq Km: 1 549	29/09/2003
Renewal Pending				
Longreach Oil Ltd*				
100.00				
EP 411	Perth Basin	Blocks: 17	Sq Km: 1 147	26/08/2004
Empire Oil Company (WA) Ltd*				
100.00				
EP 412	Carnarvon Basin	Blocks: 69	Sq Km: 5 343	18/03/2004
Rough Range Oil Pty Ltd*				
Bounty Oil & Gas NL				
EP 413 R1	Perth Basin	Blocks: 11	Sq Km: 852	25/08/2004
Origin Energy Developments Pty Ltd*				
Arc Energy NL				
AWE (Perth Basin) Ltd				
Geary, John Kevin				
Hardman Oil and Gas Pty Ltd				
Norwest Energy NL				
ROC Oil WA Pty Ltd				
Victoria Petroleum Offshore Pty Ltd				
Voyager (PB) Ltd				

Title				
Accumulation				
Company (Operator*)		Equity		Expiry Date
EP 414 R1	Perth Basin	Blocks: 15	Sq Km: 1 012	25/08/2004
Ausam Resources NL*				
Burns, Alan Robert				
Empire Oil Company (WA) Ltd				
Euro Pacific Energy Pty Ltd				
Geary, John Kevin				
Hughes, Dan Allen				
Hughes, Dudley Joe				
Springfield Oil & Gas Ltd				
EP 415	Perth Basin	Blocks: 21	Sq Km: 1 417	25/08/2005
Empire Oil Company (WA) Ltd*				
100.00				
EP 416	Perth Basin	Blocks: 57	Sq Km: 3 847	25/08/2005
Empire Oil Company (WA) Ltd*				
100.00				
EP 417	Canning Basin	Blocks: 78	Sq Km: 6 475	21/02/2006
New Standard Exploration NL*				
100.00				
EP 419	Perth Basin	Blocks: 9	Sq Km: 607	18/10/2006
Black Rock Resources Australia NL*				
100.00				
EP 422	Canning Basin	Blocks: 147		21/03/2008
Ausoil Exploration Pty Ltd*				
100.00				
Production Licence				
Legislation Group: Territorial				
Sq km approximate				
L 1H R1	Carnarvon Basin	Blocks: 9	Sq Km: 697	09/02/2009
<i>Barrow Island</i>				
ChevronTexaco Australia Pty Ltd*				
Mobil Australia Resources Company Pty Ltd				
Santos Offshore Pty Ltd				
Texaco Australia Pty Ltd				
L 1 R1	Perth Basin	Blocks: 5	Sq Km: 387	17/05/2014
<i>Dongara</i>				
Arc Energy NL*				
Origin Energy Developments Pty Ltd				
L 2 R1	Perth Basin	Blocks: 4	Sq Km: 310	17/05/2014
<i>Dongara</i>				
Arc Energy NL*				
Origin Energy Developments Pty Ltd				
L 4	Perth Basin	Blocks: 5	Sq Km: 387	24/03/2004
<i>Woodlala</i>				
Phoenix Energy Pty Ltd*				
Bounty Oil & Gas NL				
Hardman Oil and Gas Pty Ltd				
L 5	Perth Basin	Blocks: 4	Sq Km: 310	28/12/2004
<i>Woodlala</i>				
Phoenix Energy Pty Ltd*				
Bounty Oil & Gas NL				
Hardman Oil and Gas Pty Ltd				
L 6	Canning Basin	Blocks: 5	Sq Km: 415	22/09/2004
<i>Blina</i>				
Terratek Drilling Tools Pty Ltd*				
100.00				
L 7	Perth Basin	Blocks: 2	Sq Km: 155	13/05/2005
<i>Mount Floner</i>				
Petro Energy Pty Ltd*				
100.00				
L 8	Canning Basin	Blocks: 4	Sq Km: 332	21/10/2005
<i>Sundown, West Terrace</i>				
Terratek Drilling Tools Pty Ltd*				
100.00				
L 9	Carnarvon Basin	Blocks: 3	Sq Km: 232	03/06/2008
<i>Tubridgi</i>				
Sagasco South East Inc.*				
Origin Energy Amadeus NL				
Origin Energy Petroleum Pty Ltd				
Pan Pacific Petroleum NL				
Tubridgi Petroleum Pty Ltd				
L 10	Carnarvon Basin	Blocks: 8	Sq Km: 619	03/02/2009
<i>Barrow Island</i>				
ChevronTexaco Australia Pty Ltd*				
Mobil Australia Resources Company Pty Ltd				
Santos Offshore Pty Ltd				
Texaco Australia Pty Ltd				
L 11	Perth Basin	Blocks: 1	Sq Km: 77	14/05/2013
<i>Beharra Springs</i>				
Origin Energy Developments Pty Ltd*				
AWE (Perth Basin) Ltd				
L 12	Carnarvon Basin	Blocks: 1		28/07/2023
ChevronTexaco Australia Pty Ltd*				
Mobil Australia Resources Company Pty Ltd				
Santos Offshore Pty Ltd				
Texaco Australia Pty Ltd				
L 13	Carnarvon Basin	Blocks: 1		28/07/2023
ChevronTexaco Australia Pty Ltd*				
Mobil Australia Resources Company Pty Ltd				
Santos Offshore Pty Ltd				
Texaco Australia Pty Ltd				

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title	Accumulation	Company (Operator*)	Equity	Expiry Date
Retention Lease				
Legislation Group: Territorial Sq km approximate				
R 1	Canning Basin	Blocks: 3		28/08/2008
Gulliver Productions Pty Ltd*				
First Australian Resources Limited				
Indigo Oil Pty Ltd				
Kimberley Oil NL				
Pancontinental Oil & Gas NL				
Pelsol Ltd				
Voyager (PB) Ltd				
R 2	Browse Basin	Blocks: 1		29/12/2008
Woodside Energy Ltd*				
BHP Billiton Petroleum (North West Shelf) Pty Ltd				
BP Developments Australia Pty Ltd				
ChevronTexaco Australia Pty Ltd				
Shell Development (Australia) Pty Ltd				
Offshore				
Exploration Permit				
Legislation Group: PSLA Sq km approximate				
WA-1-P R6	Carnarvon Basin	Blocks: 15	Sq Km: 1 328	16/11/2007
Santos Ltd*				
Apache Northwest Pty Ltd				
Woodside Energy Ltd				
WA-18-P R5	Bonaparte Basin	Blocks: 8	Sq Km: 664	01/06/2004
<i>Tern</i>				
Santos Ltd*				
Bonaparte Gas & Oil Pty Ltd				
Santos offshore Pty Ltd				
WA-28-P R6	Carnarvon Basin	Blocks: 14	Sq Km: 1 245	13/02/2007
<i>Eaglehawk, Haycock</i>				
Woodside Energy Ltd*				
BHP Billiton Petroleum (North West Shelf) Pty Ltd				
BP Developments Australia Pty Ltd				
ChevronTexaco Australia Pty Ltd				
Japan Australia LNG (MIMI) Pty Ltd				
Shell Development (Australia) Pty Ltd				
WA-33-P R3	Browse Basin	Blocks: 48	Sq Km: 3 985	26/02/2004
<i>Breckenck, Scott Reef</i>				
Woodside Energy Ltd*				
BHP Billiton Petroleum (North West Shelf) Pty Ltd				
BP Developments Australia Pty Ltd				
ChevronTexaco Australia Pty Ltd				
Shell Development (Australia) Pty Ltd				
WA-149-P R3	Carnarvon Basin	Blocks: 9	Sq Km: 703	19/05/2005
Apache Oil Australia Pty Ltd*				
Pan Pacific Petroleum (South Aust) Pty Ltd				
Santos (BOL) Pty Ltd				
TAP (SHELFAL) Pty Ltd				
WA-155-P R4	Carnarvon Basin	Blocks: 13		23/02/2009
BHP Billiton (Australia) Pty Ltd*				
Apache Northwest Pty Ltd				
Inpex Alpha Ltd				
WA-191-P R3	Carnarvon Basin	Blocks: 16	Sq Km: 1 328	01/06/2004
Kufpee Australia Pty Ltd*				
Nippon Oil Exploration (Dampier) Pty Ltd				
Santos Ltd				
Woodside Oil Ltd				
WA-192-P R3	Carnarvon Basin	Blocks: 12	Sq Km: 996	08/07/2004
Tap (Harriet) Pty Ltd*				
Apache Harriet Pty Ltd				
Apache Lowendal Pty Ltd				
Apache Miladin Pty Ltd				
Apache Nasmah Pty Ltd				
Apache Northwest Pty Ltd				
Kufpee Australia Pty Ltd				
New World Oil & Developments Pty Ltd				
Texaco Australia Pty Ltd				
WA-202-P R2	Carnarvon Basin	Blocks: 13	Sq Km: 1 079	03/08/2004
Apache Northwest Pty Ltd*				
AWE Petroleum Ltd				
Wandoo Petroleum Pty Ltd				
WA-205-P R2	Carnarvon Basin	Blocks: 14	Sq Km: 945	03/12/2005
ChevronTexaco Australia Pty Ltd*				
Mobil Australia Resources Company Pty Ltd				
Shell Development (Australia) Pty Ltd				
Texaco Australia Pty Ltd				
WA-208-P R2	Carnarvon Basin	Blocks: 16	Sq Km: 1 328	03/06/2007
Woodside Energy Ltd*				
Eni (Australia) Pty Ltd				
Mosaic Oil NL				
Santos Offshore Pty Ltd				

Title	Accumulation	Company (Operator*)	Equity	Expiry Date
WA-209-P R2	Carnarvon Basin	Blocks: 12	Sq Km: 810	09/11/2005
Apache Northwest Pty Ltd*				
Globex Far East Pty Ltd				
Santos Ltd				
WA-214-P R2	Carnarvon Basin Basin	Blocks: 13	Sq Km: 1 079	06/03/2008
Santos (BOL) Pty Ltd*				
Apache Northwest Pty Ltd				
WA-226-P R2	Perth Basin	Blocks: 26		05/03/2008
Apache Northwest Pty Ltd				
Dana Petroleum (E&P) Ltd				
Dana Petroleum (WA) LLC				
Northwest Energy NL				
Origin Energy Developments Pty Ltd				
Planet Resources Pty Ltd				
WA-239-P R1	Browse Basin	Blocks: 57	Sq Km: 4 732	24/05/2004
Nexen Petroleum Australia Pty Ltd*				
WA-242-P R1	Carnarvon Basin	Blocks: 95	Sq Km: 7 886	14/11/2004
Woodside Energy Ltd*				
Santos (BOL) Pty Ltd				
WA-246-P R1	Carnarvon Basin	Blocks: 4	Sq Km: 270	23/10/2005
Apache Northwest Pty Ltd*				
Globex Far East Pty Ltd				
Kufpee Australia Pty Ltd				
Pan Pacific Petroleum (South Aust) Pty Ltd				
Tap (Harriet) Pty Ltd				
WA-248-P R1	Carnarvon Basin	Blocks: 17	Sq Km: 3 071	11/06/2005
Woodside Energy Ltd*				
Kufpee Australia Pty Ltd				
WA-253-P R1	Carnarvon Basin	Blocks: 11	Sq Km: 2 158	21/02/2007
ChevronTexaco Australia Pty Ltd*				
Texaco Australia Pty Ltd				
WA-254-P R1	Carnarvon Basin	Blocks: 4	Sq Km: 249	02/05/2006
Apache Northwest Pty Ltd*				
First Australian Resources NL				
Pan Pacific Petroleum NL				
Sun Resources NL				
Victoria Petroleum NL				
Woodside Energy Ltd				
WA-255-P R1	Carnarvon Basin	Blocks: 46	Sq Km: 3 105	01/08/2005
BHP Billiton Petroleum (North West Shelf) Pty Ltd*				
Woodside Energy Ltd				
WA-256-P R1	Carnarvon Basin	Blocks: 8	Sq Km: 664	15/10/2007
Apache Northwest Pty Ltd*				
Wandoo Petroleum Pty Ltd				
WA-257-P R1	Carnarvon Basin	Blocks: 6		18/01/2009
Apache Northwest Pty Ltd				
Kufpee Australia Pty Ltd				
Sun Resources NL				
Wandoo Petroleum Pty Ltd				
WA-261-P R1	Carnarvon Basin	Blocks: 6	Sq Km: 415	11/07/2007
Apache Northwest Pty Ltd*				
Strike Oil NL				
Sun Resources NL				
Victoria Petroleum NL				
WA-264-P R1	Carnarvon Basin	Blocks: 8	Sq Km: 664	03/02/2008
Santos Ltd*				
Santos offshore Pty Ltd*				
Idemitsu Oil Exploration (Barrow) Pty Ltd				
Idemitsu Oil Exploration (Barrow) Pty Ltd				
WA-267-P	Carnarvon Basin	Blocks: 68	Sq Km: 5 645	19/09/2005
ChevronTexaco Australia Pty Ltd*				
BP Exploration (Alpha) Ltd				
Mobil Australia Resources Company Pty Ltd				
Shell Development (Australia) Pty Ltd				
Texaco Australia Pty Ltd				
WA-268-P	Carnarvon Basin	Blocks: 176	Sq Km: 14 610	04/12/2004
Texaco Australia Pty Ltd				
WA-269-P	Carnarvon Basin	Blocks: 126	Sq Km: 10 460	04/09/2003
Woodside Energy Ltd*				
WA-271-P R1	Carnarvon Basin	Blocks: 41		24/11/2008
Woodside Energy Ltd*				
WA-274-P	Browse Basin	Blocks: 69	Sq Km: 5 728	18/02/2005
Santos Ltd*				
WA-275-P	Browse Basin	Blocks: 56	Sq Km: 4 649	18/08/2004
BHP Billiton Petroleum (North West Shelf) Pty Ltd				
BP Petroleum Developments (NWS) Pty Ltd				
ChevronTexaco Australia Pty Ltd				
Shell Development (Australia) Pty Ltd				
Woodside Energy Ltd				

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title				
Accumulation				
Company (Operator*)	Equity	Expiry Date		
WA-278-P Bonaparte Basin	Blocks: 30 Sq Km: 2 490	18/05/2007		
Kerr-McGee NW Shelf Australia Energy Pty Ltd*	39.00			
EnCana Corporation	34.00			
SK Corporation	10.00			
Tap Oil NL	17.00			
WA-279-P Bonaparte Basin	Blocks: 39 Sq Km: 3 238	18/08/2004		
<i>Blacktip</i>				
Woodside Energy Ltd*	53.86			
Eni (Australia) Pty Ltd	46.15			
WA-280-P Bonaparte Basin	Blocks: 45 Sq Km: 3 736	18/08/2004		
Woodside Energy Ltd*	35.00			
Eni (Australia) Pty Ltd	30.00			
WA-281-P Browse Basin	Blocks: 56 Sq Km: 4 649	18/02/2005		
Santos offshore Pty Ltd*	58.97			
Beach Petroleum NL	10.00			
Oil Search (Australia) Pty Ltd	31.03			
WA-285-P Browse Basin	Blocks: 62 Sq Km: 5 147	18/08/2004		
Impex Browse Ltd*	100.00			
WA-286-P Perth Basin	Blocks: 210 Sq Km: 17 433	21/02/2005		
AWE Oil (WA) NL*	27.50			
Cicco Browse Inc	5.00			
ROC Oil WA Pty Ltd	37.50			
Voyager Ltd	5.00			
Wandoo Petroleum Pty Ltd	25.00			
WA-287-P Bonaparte Basin	Blocks: 29 Sq Km: 2 075	21/02/2005		
Magellan Petroleum (WA) Pty Ltd*	100.00			
WA-288-P Bonaparte Basin	Blocks: 25 Sq Km: 2 407	21/02/2005		
Magellan Petroleum (WA) Pty Ltd*	35.00			
Impex Browse Ltd	65.00			
WA-290-P Carnarvon Basin	Blocks: 6 Sq Km: 498	25/07/2005		
OMV Barrow Pty Ltd*	100.00			
WA-291-P Carnarvon Basin	Blocks: 111 Sq Km: 9 214	03/08/2005		
Magellan Petroleum (WA) Pty Ltd*	50.00			
TAP (SHELFAL) Pty Ltd	50.00			
WA-293-P Carnarvon Basin	Blocks: 205 Sq Km: 17 018	03/08/2005		
Woodside Energy Ltd*	100.00			
WA-294-P Carnarvon Basin	Blocks: 117 Sq Km: 9 713	16/08/2005		
BP Exploration (Alpha) Ltd*	26.00			
BHP Billiton Petroleum (Australia) Pty Ltd	6.50			
ChevronTexaco Australia Pty Ltd	13.50			
Japan Australia LNG (MIMI) Pty Ltd	20.00			
Shell Development (Australia) Pty Ltd	18.00			
Woodside Energy Ltd	16.00			
WA-296-P Carnarvon Basin	Blocks: 148 Sq Km: 12 286	16/02/2006		
BHP Billiton Petroleum (North West Shelf) Pty Ltd*	16.66			
BP Exploration (Alpha) Ltd	19.00			
ChevronTexaco Australia Pty Ltd	16.66			
Japan Australia LNG (MIMI) Pty Ltd	16.66			
Shell Development (Australia) Pty Ltd	16.66			
Woodside Energy Ltd	14.33			
WA-297-P Carnarvon Basin	Blocks: 131 Sq Km: 10 875	16/08/2005		
Woodside Energy Ltd*	16.00			
BHP Billiton Petroleum (North West Shelf) Pty Ltd	6.50			
BP Exploration (Alpha) Ltd	26.00			
ChevronTexaco Australia Pty Ltd	13.50			
Japan Australia LNG (MIMI) Pty Ltd	20.00			
Shell Development (Australia) Pty Ltd	18.00			
WA-301-P Browse Basin	Blocks: 92 Sq Km: 7 665	24/07/2006		
BHP Billiton Petroleum (North West Shelf) Pty Ltd*	50.00			
Kerr-McGee NW Shelf Australia Energy Pty Ltd	50.00			
WA-302-P Browse Basin	Blocks: 53 Sq Km: 4 417	24/07/2006		
BHP Billiton Petroleum (North West Shelf) Pty Ltd*	33.33			
Kerr-McGee Exploration and Production Australia Pty Ltd	33.33			
Texaco Copernicus P/L	33.33			
WA-303-P Browse Basin	Blocks: 63 Sq Km: 5 236	24/07/2006		
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			
WA-304-P Browse Basin	Blocks: 42 Sq Km: 3 491	24/07/2006		
BHP Billiton Petroleum (North West Shelf) Pty Ltd*	50.00			
Kerr-McGee NW Shelf Australia Energy Pty Ltd	50.00			
WA-305-P Browse Basin	Blocks: 63 Sq Km: 5 222	24/07/2006		
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			
WA-306-P Browse Basin	Blocks: 56 Sq Km: 4 629	24/07/2006		
Antrim Energy Australia Inc.*	37.50			
Magellan Petroleum (WA) Pty Ltd	37.50			
Rawson Resources NL	25.00			
WA-307-P Browse Basin	Blocks: 42 Sq Km: 3 462	22/08/2006		
Antrim Energy Australia P/L*	37.50			
Magellan Petroleum (WA) Pty Ltd	37.50			
Rawson Resources NL	25.00			

Title				
Accumulation				
Company (Operator*)	Equity	Expiry Date		
WA-308-P Carnarvon Basin	Blocks: 5 Sq Km: 400	11/06/2007		
OMV Timor Sea Pty Ltd*	80.00			
OMV Petroleum Pty Ltd	20.00			
WA-309-P Carnarvon Basin	Blocks: 5 Sq Km: 270	11/06/2007		
OMV Timor Sea Pty Ltd*	80.00			
OMV Petroleum Pty Ltd	20.00			
WA-310-P Carnarvon Basin	Blocks: 23 Sq Km: 1 852	20/08/2007		
West Oil NL*	50.00			
Bounty Oil & Gas NL	50.00			
WA-311-P Browse Basin	Blocks: 24 Sq Km: 1 999	02/09/2007		
Impex Alpha Ltd*	65.00			
Magellan Petroleum (WA) Pty Ltd	35.00			
WA-312-P Carnarvon Basin	Blocks: 23 Sq Km: 1 849	17/09/2007		
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			
WA-313-P Bonaparte Basin	Blocks: 28 Sq Km: 2 040	24/09/2007		
<i>Penguin</i>				
Woodside Energy Ltd*	33.34			
Eni Australia BV	33.33			
Shell Development (Australia) Pty Ltd	33.33			
WA-314-P Browse Basin	Blocks: 24 Sq Km: 1 959	11/11/2007		
Liberty Petroleum Corporation*	100.00			
WA-315-P Browse Basin	Blocks: 24 Sq Km: 1 996	11/11/2007		
Liberty Petroleum Corporation*	100.00			
WA-316-P Bonaparte Basin	Blocks: 27 Sq Km: 1 675	05/12/2001		
Ashmore Oil Pty Ltd*	100.00			
WA-317-P Bonaparte Basin	Blocks: 27 Sq Km: 2 246	12/12/2007		
Drillsearch Energy NL*	100.00			
WA-318-P Bonaparte Basin	Blocks: 40 Sq Km: 3 327	12/12/2007		
Drillsearch Energy NL*	100.00			
WA-319-P Bonaparte Basin	Blocks: 28 Sq Km: 2 323	12/12/2007		
Drillsearch Energy NL*	100.00			
WA-320-P Carnarvon Basin	Blocks: 4 Sq Km: 311	13/03/2008		
OMV Timor Sea Pty Ltd*	80.00			
OMV Petroleum Pty Ltd	20.00			
WA-321-P Carnarvon Basin	Blocks: 7 Sq Km: 563	21/03/2008		
Octanex NL*	50.00			
Strata Resources NL	50.00			
WA-322-P Carnarvon Basin	Blocks: 9 Sq Km: 719	21/03/2008		
Octanex NL*	50.00			
Strata Resources NL	50.00			
WA-323-P Carnarvon Basin	Blocks: 4 Sq Km: 322	21/03/2008		
Octanex NL*	50.00			
Strata Resources NL	50.00			
WA-324-P Bonaparte Basin	Blocks: 30	04/07/2008		
Daytona Energy Corporation*	100.00			
WA-325-P Perth Basin	Blocks: 90	23/07/2008		
ROC Oil WA Pty Ltd*	37.50			
Apache Northwest Pty Ltd	37.50			
Bounty Oil & Gas NL	10.00			
Voyager (PB) Ltd	15.00			
WA-326-P Perth Basin	Blocks: 75	23/07/2008		
Eni Australia BV*	100.00			
WA-327-P Perth Basin	Blocks: 85	23/07/2008		
Apache Northwest Pty Ltd*	37.50			
Bounty Oil & Gas NL	10.00			
ROC Oil WA Pty Ltd	37.50			
Voyager (PB) Ltd	15.00			
WA-328-P Perth Basin	Blocks: 69	24/07/2008		
Eni Australia BV*	67.00			
Santos Offshore Pty Ltd	33.00			
WA-329-P Carnarvon Basin	Blocks: 9	04/09/2008		
Octanex NL*	37.50			
Rocky Mountain Minerals	25.00			
Strata Resources NL	37.50			
WA-330-P Carnarvon Basin	Blocks: 4	04/09/2008		
Octanex NL*	50.00			
Strata Resources NL	50.00			
WA-331-P Browse Basin	Blocks: 37	04/09/2008		
Rawson Resources NL*	25.00			
Eagle Bay Resources NL	25.00			
Icon Energy Ltd	25.00			
Rough Range Oil Pty Ltd	25.00			
WA-332-P Browse Basin	Blocks: 38	30/09/2008		
Batavia Oil & Gas Pty Ltd*	35.00			
Alpha Oil & Gas PL	20.00			
Goldborough Energy Pty Ltd	10.00			
Hawkestone Oil Pty Ltd	35.00			

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
WA-333-P Browse Basin	Blocks: 36	30/09/2008	
Batavia Oil & Gas Pty Ltd*	35.00		
Alpha Oil & Gas PL	25.00		
Goldborough Energy Pty Ltd	10.00		
Hawkestone Oil Pty Ltd	35.00		
WA-334-P Carnarvon Basin	Blocks: 4	16/12/2008	
Apache Northwest Pty Ltd*	80.00		
Tap (Harriet) Pty Ltd	20.00		
WA-335-P Carnarvon Basin	Blocks: 39	16/12/2008	
Apache Northwest Pty Ltd*	65.00		
Kufpec Australia Pty Ltd	35.00		
WA-336-P Perth Basin	Blocks: 83	17/12/2008	
Petroz NL*	100.00		
WA-337-P Perth Basin	Blocks: 49	14/01/2009	
Kerr McGee NW Shelf Energy Australia Pty Ltd*	100.00		
WA-338-P Browse Basin	Blocks: 53	14/01/2009	
Santos Offshore Pty Ltd*	71.50		
SK Corporation	28.50		
WA-339-P Perth Basin	Blocks: 74	14/01/2009	
Santos Offshore Pty Ltd*	50.00		
Kerr McGee NW Shelf Energy Australia Pty Ltd	50.00		
WA-340-P Carnarvon Basin	Blocks: 6	05/03/2008	
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		
WA-341-P Browse Basin	Blocks: 24	28/05/2009	
Batavia Oil & Gas Pty Ltd*	35.00		
Alpha Oil & Natural Gas Pty Ltd	20.00		
Goldborough Energy Pty Ltd	10.00		
Hawkestone Oil Pty Ltd	35.00		
WA-342-P Browse Basin	Blocks: 42	28/05/2009	
Batavia Oil & Gas Pty Ltd*	35.00		
Alpha Oil & Natural Gas Pty Ltd	20.00		
Goldborough Energy Pty Ltd	10.00		
Hawkestone Oil Pty Ltd	35.00		
WA-343-P Browse Basin	Blocks: 20	10/06/2009	
National Oil & Gas Pty Ltd*	100.00		
WA-344-P Browse Basin	Blocks: 8	10/06/2009	
National Oil & Gas Pty Ltd*	100.00		
WA-345-P Carnarvon Basin	Blocks: 3	10/07/2009	
OMV Petroleum Pty Ltd	20.00		
OMV Timor Sea Pty Ltd	80.00		
WA-346-P Carnarvon Basin	Blocks: 49	15/07/2009	
BHP Billiton Petroleum (North West Shelf) Pty Ltd*	100.00		
WA-347-P Carnarvon Basin	Blocks: 65	25/09/2009	
Woodside Energy Ltd*	100.00		
WA-348-P Carnarvon Basin	Blocks: 67	25/09/2009	
Woodside Energy Ltd*	100.00		
WA-349-P Perth Basin	Blocks: 15	05/05/2010	
Voyager (PB) Ltd*	100.00		
WA-350-P Carnarvon Basin	Blocks: 10	22/12/2009	
Woodside Energy Ltd*	100.00		
WA-351-P Carnarvon Basin	Blocks: 47	05/01/2010	
BHP Billiton Petroleum (North West Shelf) Pty Ltd*	100.00		
Legislation Group: Territorial Sq km approximate			
TP/ 2 R2 Carnarvon Basin	Blocks: 4	Sq Km: 310	09/05/2003
Chevron/Texaco Australia Pty Ltd*			
Mobil Australia Resources Company Pty Ltd			
Santos Offshore Pty Ltd			
Texaco Australia Pty Ltd			
TP/ 6 R2 Carnarvon Basin	Blocks: 15	Sq Km: 1 162	12/10/2003
			Renewal Pending
Apache Northwest Pty Ltd*	100.00		
TP/ 7 R2 Carnarvon Basin	Blocks: 16	Sq Km: 1 247	16/04/2005
<i>Pepper, South Chernil</i>			
Santos (BOL) Pty Ltd*			
Ampolex (PPL) Pty Ltd			
Apache Oil Australia Pty Ltd			
Pan Pacific Petroleum (South Aust) Pty Ltd			
TP/ 8 R2 Carnarvon Basin	Blocks: 16	Sq Km: 1 239	14/11/2004
<i>Cyad</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			
TP/ 9 R2 Carnarvon Basin	Blocks: 3	Sq Km: 387	09/07/2006
			Renewal Pending
Apache Northwest Pty Ltd*	100.00		

Title			
Accumulation			
Company (Operator*)	Equity	Expiry Date	
TP/15 Perth Basin	Blocks: 47	Sq Km: 3 902	21/04/2005
AWE (Perth Basin) Ltd*			
Arc Energy NL			
Bounty Oil & Gas NL			
Hardman Oil and Gas Pty Ltd			
ROC Oil WA Pty Ltd			
Voyager (PB) Ltd			
Westranch Holdings Pty Ltd			
TP/17 Carnarvon Basin	Blocks: 6	Sq Km: 498	25/06/2004
Strike Oil NL*	100.00		
TP/18 Carnarvon Basin	Blocks: 1	Sq Km: 70	11/10/2007
Strike Oil NL*			
TAP Oil Limited			
TP/19 Carnarvon Basin	Blocks: 5		20/03/2008
Strike Oil NL*	100.00		
TP/20 Carnarvon Basin	Blocks: 1		02/04/2008
TAP (SHELFAL) Pty Ltd*	100.00		
TP/21 Carnarvon Basin	Blocks: 4		02/04/2008
Rawson Resources NL*			
Eagle Bay Resources NL			
Icon Energy Ltd			
Rough Range Oil Pty Ltd			
Victoria Petroleum (Middle East) Pty Ltd			
TP/22 Bonaparte Basin	Blocks: 38		11/01/2010
Eni Australia BV*	100.00		
EP 325 R2 Carnarvon Basin	Blocks: 21	Sq Km: 1 626	03/08/2004
Victoria Petroleum NL*			
Bonaparte Gulf Oil & Gas Pty Ltd			
Sun Resources NL			
EP 341 R2 Carnarvon Basin	Blocks: 16	Sq Km: 1 239	22/05/2005
TAP (SHELFAL) Pty Ltd*			
Strike Oil NL			
West Oil NL			
EP 342 R2 Carnarvon Basin	Blocks: 7	Sq Km: 1 084	19/04/2005
Apache Northwest Pty Ltd*	100.00		
EP 395 R1 Carnarvon Basin	Blocks: 3	Sq Km: 232	11/02/2007
Apache Northwest Pty Ltd*			
First Australian Resources Limited			
Goodrich Petroleum Company			
Sun Resources NL			
TAP (SHELFAL) Pty Ltd			
EP 397 R1 Carnarvon Basin	Blocks: 2	Sq Km: 135	27/08/2008
TAP (SHELFAL) Pty Ltd*			
First Australian Resources Limited			
Goodrich Petroleum Company			
EP 403 R1 Carnarvon Basin	Blocks: 4	Sq Km: 270	10/12/2007
Apache Northwest Pty Ltd*			
TAP (SHELFAL) Pty Ltd			
EP 406 Carnarvon Basin	Blocks: 66	Sq Km: 5 111	28/11/2002
			Renewal Pending
Victoria Diamond Exploration Pty Ltd*			
Euro Pacific Energy Pty Ltd			
EP 409 Carnarvon Basin	Blocks: 2	Sq Km: 155	21/09/2003
			Renewal Pending
Apache Oil Australia Pty Ltd*			
OMV Barrow Pty Ltd			
EP 420 Carnarvon Basin	Blocks: 1	Sq Km: 12	11/10/2007
TAP Oil Limited*			
Strike Oil NL			
EP 421 Carnarvon Basin	Blocks: 8		20/03/2008
Strike Oil NL*	100.00		
EP 423 Carnarvon Basin	Blocks: 6		02/01/2009
Rawson Resources NL*			
Eagle Bay Resources NL			
Icon Energy Ltd			
Rough Range Oil Pty Ltd			
Victoria Petroleum (Middle East) Pty Ltd			
Production Licence			
Legislation Group: PSLA Sq km approximate			
WA-3-L R1 Carnarvon Basin	Blocks: 5	Sq Km: 415	29/09/2002
Woodside Energy Ltd*		16.67	
BHP Billiton Petroleum (North West Shelf) Pty Ltd		16.67	
BP Developments Australia Pty Ltd		16.67	
Chevron/Texaco Australia Pty Ltd		16.67	
Japan Australia LNG (MIMI) Pty Ltd		16.67	
Shell Development (Australia) Pty Ltd		16.67	

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title				
Accumulation				
Company (Operator*)		Equity	Expiry Date	
WA-1-L RI	Carnarvon Basin	Blocks: 5	Sq Km: 415	29/09/2022
Woodside Energy Ltd*		16.67		
BHP Billiton Petroleum (North West Shelf) Pty Ltd		16.67		
BP Developments Australia Pty Ltd		16.67		
ChevronTexaco Australia Pty Ltd		16.67		
Japan Australia LNG (MIMI) Pty Ltd		16.67		
Shell Dev (PSC 9) P/L		16.67		
WA-2-L RI	Carnarvon Basin	Blocks: 4	Sq Km: 332	29/09/2022
Woodside Energy Ltd*		16.67		
BHP Billiton Petroleum (North West Shelf) Pty Ltd		16.67		
BP Developments Australia Pty Ltd		16.67		
ChevronTexaco Australia Pty Ltd		16.67		
Japan Australia LNG (MIMI) Pty Ltd		16.67		
Shell Development (Australia) Pty Ltd		16.67		
WA-4-L RI	Carnarvon Basin	Blocks: 4	Sq Km: 332	29/09/2022
Woodside Energy Ltd*		16.67		
BHP Billiton Petroleum (North West Shelf) Pty Ltd		16.67		
BP Developments Australia Pty Ltd		16.67		
ChevronTexaco Australia Pty Ltd		16.67		
Japan Australia LNG (MIMI) Pty Ltd		16.67		
Shell Development (Australia) Pty Ltd		16.67		
WA-5-L RI	Carnarvon Basin	Blocks: 5	Sq Km: 415	29/09/2022
Woodside Energy Ltd*		16.67		
BHP Billiton Petroleum (North West Shelf) Pty Ltd		16.67		
BP Developments Australia Pty Ltd		16.67		
ChevronTexaco Australia Pty Ltd		16.67		
Japan Australia LNG (MIMI) Pty Ltd		16.67		
Shell Development (Australia) Pty Ltd		16.67		
WA-6-L RI	Carnarvon Basin	Blocks: 4	Sq Km: 332	29/09/2022
Woodside Energy Ltd*		23.33		
BHP Billiton Petroleum (North West Shelf) Pty Ltd		15.00		
BP Developments Australia Pty Ltd		16.67		
ChevronTexaco Australia Pty Ltd		16.67		
Japan Australia LNG (MIMI) Pty Ltd		13.34		
Shell Development (Australia) Pty Ltd		15.00		
WA-7-L	Carnarvon Basin	Blocks: 2	Sq Km: 155	03/02/2009
<i>Barrow Island</i>				
ChevronTexaco Australia Pty Ltd*		57.14		
Mobil Australia Resources Company Pty Ltd		14.29		
Shebandowan Investments Pty Ltd		28.57		
WA-8-L	Carnarvon Basin	Blocks: 2	Sq Km: 166	16/08/2009
<i>Talisman</i>				
Mobil Australia Resources Company Pty Ltd*		42.63		
Kufpee Australia Pty Ltd		10.00		
Santos Ltd		27.37		
TAP (SHELFAL) Pty Ltd		20.00		
WA-9-L	Carnarvon Basin	Blocks: 1	Sq Km: 83	11/04/2012
<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		
ChevronTexaco Australia Pty Ltd		16.67		
Japan Australia LNG (MIMI) Pty Ltd		16.67		
Shell Development (Australia) Pty Ltd		16.67		
WA-10-L	Carnarvon Basin	Blocks: 4	Sq Km: 310	18/02/2014
<i>Bovers, Chinoak/Scindian, Griffin</i>				
BHP Billiton (Australia) Pty Ltd*		45.00		
Inpex Alpha Ltd		20.00		
Mobil Exploration and Producing Australia Pty Ltd		35.00		
WA-11-L	Carnarvon Basin	Blocks: 2	Sq Km: 166	30/09/2014
<i>Wanana</i>				
Woodside Energy Ltd*		16.66		
BHP Billiton Petroleum (North West Shelf) Pty Ltd		16.67		
BP Developments Australia Pty Ltd		16.67		
ChevronTexaco Australia Pty Ltd		16.67		
Japan Australia LNG (MIMI) Pty Ltd		16.67		
Shell Development (Australia) Pty Ltd		16.67		
WA-12-L	Carnarvon Basin	Blocks: 1	Sq Km: 77	13/02/2015
<i>Griffin, Ramilles</i>				
BHP Billiton (Australia) Pty Ltd*		71.43		
Mobil Australia Resources Company Pty Ltd		28.57		
WA-13-L	Carnarvon Basin	Blocks: 3	Sq Km: 232	18/02/2017
<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		
WA-14-L	Carnarvon Basin	Blocks: 3	Sq Km: 232	19/03/2017
<i>Wandoo</i>				
Mobil (Legendre) Pty Ltd*		60.00		
Wandoo Petroleum Pty Ltd		40.00		

Title				
Accumulation				
Company (Operator*)		Equity	Expiry Date	
WA-15-L	Carnarvon Basin	Blocks: 2	Sq Km: 155	25/08/2018
<i>Stag</i>				
Santos Offshore Pty Ltd*		54.17		
Apache Northwest Pty Ltd		33.33		
Globex Far East Pty Ltd		12.50		
WA-16-L	Carnarvon Basin	Blocks: 1	Sq Km: 83	11/09/2018
<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		
ChevronTexaco Australia Pty Ltd		16.67		
Japan Australia LNG (MIMI) Pty Ltd		16.67		
Shell Development (Australia) Pty Ltd		16.67		
WA-17-L	Carnarvon Basin	Blocks: 3	Sq Km: 249	14/01/2020
<i>Athena, North Rankin</i>				
Mobil Australia Resources Company Pty Ltd*		50.00		
Phillips Oil Company Australia		50.00		
WA-18-L	Bonaparte Basin	Blocks: 1	Sq Km: 83	12/05/2020
<i>Laminaria</i>				
BHP Billiton Petroleum (North West Shelf) Pty Ltd*		100.00		
WA-19-L	Carnarvon Basin	Blocks: 2	Sq Km: 166	05/09/2020
<i>Buffalo</i>				
Nexen Petroleum Australia Pty Ltd*		100.00		
WA-20-L	Carnarvon Basin	Blocks: 1	Sq Km: 83	15/11/2020
<i>Legendre</i>				
Woodside Energy Ltd*		45.94		
Apache Northwest Pty Ltd		31.50		
Santos Ltd		22.56		
WA-21-L	Bonaparte Basin	Blocks: 1	Sq Km: 83	25/11/2020
<i>Buffalo</i>				
Nexen Petroleum Australia Pty Ltd*		100.00		
WA-22-L	Carnarvon Basin	Blocks: 1	Sq Km: 77	28/02/2021
<i>East Spar</i>				
Pan Canadian Petroleum Ltd*		40.00		
Eni (Australia) Pty Ltd		30.00		
Mobil Australia Resources Company Pty Ltd		20.00		
Tap West Pty Ltd		10.00		
WA-23-L	Carnarvon Basin	Blocks: 1	Sq Km: 81	12/09/2022
<i>Echo, Yadel</i>				
BHP Billiton Petroleum (North West Shelf) Pty Ltd		16.67		
BP Developments Australia Pty Ltd		16.67		
ChevronTexaco Australia Pty Ltd		16.67		
Japan Australia LNG (MIMI) Pty Ltd		16.67		
Shell Development (Australia) Pty Ltd		16.67		
Woodside Eastern Energy Pty Ltd		16.67		
WA-24-L	Carnarvon Basin	Blocks: 1	Sq Km: 81	12/09/2022
<i>Rankin</i>				
Shell Development (Australia) Pty Ltd*		16.67		
BHP Petroleum (North West Shelf) Pty Ltd		16.67		
BP Developments Australia Pty Ltd		16.67		
ChevronTexaco Australia Pty Ltd		16.67		
Japan Australia LNG (MIMI) Pty Ltd		16.67		
Woodside Eastern Energy Pty Ltd		16.67		
WA-25-L	Carnarvon Basin	Blocks: 5		20/06/3002
Eni Australia Ltd*		65.00		
Mobil Australia Resources Company Pty Ltd		20.00		
Tap West Pty Ltd		15.00		
Legislation Group: Territorial		Sq km approximate		
TL/1	Carnarvon Basin	Blocks: 5	Sq Km: 387	06/11/2006
<i>Bumbra, Harriet, Ulidia</i>				
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				
TL/2	Carnarvon Basin	Blocks: 5	Sq Km: 387	25/11/2006
<i>Cheruil, North Herald, South Pepper</i>				
Apache Airlie Pty Ltd*				
Ampoex (PPL) Pty Ltd				
Apache Oil Australia Pty Ltd				
Pan Pacific Petroleum (South Aust) Pty Ltd				
Santos (BOL) Pty Ltd				
TL/3	Carnarvon Basin	Blocks: 7	Sq Km: 542	03/02/2009
<i>Barrow Island</i>				
ChevronTexaco Australia Pty Ltd*				
Mobil Australia Resources Company Pty Ltd				
Santos offshore Pty Ltd				
Texaco Australia Pty Ltd				

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title				
Accumulation				
Company (Operator*)	Equity	Expiry Date		
TL/4 Carnarvon Basin	Blocks: 4	Sq Km: 310	14/11/2010	
<i>Cowle, Saladin</i>				
ChevronTexaco Australia Pty Ltd*				
Mobil Australia Resources Company Pty Ltd				
Santos offshore Pty Ltd				
Texaco Australia Pty Ltd				
TL/5 Carnarvon Basin	Blocks: 3	Sq Km: 232	03/11/2012	
<i>Campbell, Orpheus, Sinbad</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				
TL/6 Carnarvon Basin		Sq Km: 321	03/11/2012	
<i>Agincourt, Alkimos, Rosette</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				
TL/7 Carnarvon Basin	Blocks: 2	Sq Km: 155	15/12/2014	
<i>Roller, Skate</i>				
ChevronTexaco Australia Pty Ltd*				
Mobil Australia Resources Company Pty Ltd				
Santos offshore Pty Ltd				
Texaco Australia Pty Ltd				
TL/8 Carnarvon Basin	Blocks: 4	Sq Km: 310	20/09/2019	
<i>Wannich</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				
TL/9 Carnarvon Basin	Blocks: 1		28/11/2023	
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				

Retention Lease

Legislation Group: PSLA

Sq km approximate

WA-1-R R2 Carnarvon Basin	Blocks: 9	Sq Km: 727	03/08/2004	
<i>Scarborough</i>				
BHP Billiton Petroleum (North West Shelf) Pty Ltd*		50.00		
Eso Australia Resources Ltd		50.00		
WA-2-R R2 Carnarvon Basin	Blocks: 10	Sq Km: 830	28/05/2008	
ChevronTexaco Australia Pty Ltd*		28.60		
Mobil Australia Resources Company Pty Ltd		14.30		
Shell Development (Australia) Pty Ltd		28.60		
Texaco Australia Pty Ltd		28.60		
WA-3-R R2 Carnarvon Basin	Blocks: 1	Sq Km: 83	28/05/2008	
ChevronTexaco Australia Pty Ltd*		28.60		
Mobil Australia Resources Company Pty Ltd		14.29		
Shell Development (Australia) Pty Ltd		28.57		
Texaco Australia Pty Ltd		28.60		
WA-4-R R2 Carnarvon Basin	Blocks: 2	Sq Km: 166	28/05/2008	
ChevronTexaco Australia Pty Ltd*		57.14		
Mobil Australia Resources Company Pty Ltd		14.29		
Shell Development (Australia) Pty Ltd		28.57		
WA-5-R R1 Carnarvon Basin	Blocks: 3	Sq Km: 249	08/06/2002	
<i>West Tryal Rocks</i>				
ChevronTexaco Australia Pty Ltd*		28.60		
Mobil Australia Resources Company Pty Ltd		14.30		
Shell Development (Australia) Pty Ltd		28.60		
Texaco Australia Pty Ltd		28.60		
WA-6-R Bonaparte Basin	Blocks: 10	Sq Km: 830	31/01/2005	
<i>Petrel</i>				
Bonaparte Gas & Oil Pty Ltd*		44.51		
Alliance Minerals Australia NL		15.00		
Origin Energy Bonaparte Pty Ltd		5.00		
Santos Ltd		35.49		
Santos Offshore Pty Ltd				

Title				
Accumulation				
Company (Operator*)	Equity	Expiry Date		
WA-7-R R1 Carnarvon Basin	Blocks: 3	Sq Km: 249	08/11/2005	
<i>Wilcox</i>				
Woodside Energy Ltd*		16.67		
BHP Billiton Petroleum (North West Shelf) Pty Ltd		16.67		
BP Developments Australia Pty Ltd		16.67		
ChevronTexaco Australia Pty Ltd		16.67		
Japan Australia LNG (MIMI) Pty Ltd		16.67		
Shell Development (Australia) Pty Ltd		16.67		
WA-9-R R1 Carnarvon Basin	Blocks: 1	Sq Km: 83	05/08/2007	
<i>Dixon</i>				
Woodside Energy Ltd*		16.66		
BHP Billiton Petroleum (North West Shelf) Pty Ltd		16.67		
BP Developments Australia Pty Ltd		16.66		
ChevronTexaco Australia Pty Ltd		16.66		
Japan Australia LNG (MIMI) Pty Ltd		16.66		
Shell Development (Australia) Pty Ltd		16.66		
WA-10-R R1 Carnarvon Basin	Blocks: 2	Sq Km: 166	11/07/2007	
<i>Montague</i>				
Woodside Energy Ltd*		16.67		
BHP Billiton Petroleum (North West Shelf) Pty Ltd		16.67		
BP Developments Australia Pty Ltd		16.67		
ChevronTexaco Australia Pty Ltd		16.67		
Japan Australia LNG (MIMI) Pty Ltd		16.67		
Shell Development (Australia) Pty Ltd		16.67		
WA-12-R Carnarvon Basin	Blocks: 5	Sq Km: 415	12/10/2003	
<i>Macedon/Pyrenees</i>				
BHP Billiton (Australia) Pty Ltd*		71.43		
Mobil Australia Resources Company Pty Ltd		28.57		
WA-13-R Bonaparte Basin	Blocks: 2	Sq Km: 134	18/10/2005	
<i>Turtle</i>				
OMV Timor Sea Pty Ltd*		52.90		
Basin Oil NL		23.50		
Frontier Exploration Ltd		5.90		
OMV Petroleum Pty Ltd		17.70		
WA-14-R Carnarvon Basin	Blocks: 1	Sq Km: 81	08/11/2005	
<i>Chrysaor</i>				
ChevronTexaco Australia Pty Ltd*		57.14		
Mobil Australia Resources Company Pty Ltd		14.29		
Shell Development (Australia) Pty Ltd		28.57		
WA-15-R Carnarvon Basin	Blocks: 4	Sq Km: 322	19/04/2006	
<i>Chrysaor</i>				
ChevronTexaco Australia Pty Ltd*		100.00		
WA-16-R Carnarvon Basin	Blocks: 2		22/08/2007	
<i>Iago</i>				
ChevronTexaco Australia Pty Ltd*		28.57		
Mobil Australia Resources Company Pty Ltd		14.29		
Shell Development (Australia) Pty Ltd		28.57		
Texaco Australia Pty Ltd		28.57		
WA-17-R Carnarvon Basin	Blocks: 2		01/10/2007	
<i>Iago</i>				
Texaco Australia Pty Ltd*		50.00		
ChevronTexaco Australia Pty Ltd		50.00		
WA-18-R Carnarvon Basin	Blocks: 27		29/10/2007	
<i>Jamsil</i>				
Mobil Exploration and Producing Australia Pty Ltd*		50.00		
Texaco Australia Pty Ltd		50.00		
WA-19-R Carnarvon Basin	Blocks: 1		17/08/2008	
ChevronTexaco Australia Pty Ltd*		50.00		
Texaco Australia Pty Ltd		50.00		
WA-20-R Carnarvon Basin	Blocks: 1		17/08/2008	
ChevronTexaco Australia Pty Ltd*		50.00		
Texaco Australia Pty Ltd		50.00		
WA-21-R Carnarvon Basin	Blocks: 1		17/08/2008	
ChevronTexaco Australia Pty Ltd*		50.00		
Texaco Australia Pty Ltd		50.00		
WA-22-R Carnarvon Basin	Blocks: 4		17/08/2003	
ChevronTexaco Australia Pty Ltd*		25.00		
BP Exploration (Alpha) Ltd		12.50		
Mobil Australia Resources Company Pty Ltd		25.00		
Shell Development (Australia) Pty Ltd		12.50		
Texaco Australia Pty Ltd		25.00		
WA-23-R Carnarvon Basin	Blocks: 1		17/08/2008	
ChevronTexaco Australia Pty Ltd*		25.00		
BP Exploration (Alpha) Ltd		12.50		
Mobil Australia Resources Company Pty Ltd		25.00		
Shell Development (Australia) Pty Ltd		12.50		
Texaco Australia Pty Ltd		25.00		
WA-24-R Carnarvon Basin	Blocks: 6		17/08/2008	
ChevronTexaco Australia Pty Ltd*		25.00		
BP Exploration (Alpha) Ltd		12.50		
Mobil Australia Resources Company Pty Ltd		25.00		
Shell Development (Australia) Pty Ltd		12.50		
Texaco Australia Pty Ltd		25.00		

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title	Company (Operator*)	Equity	Expiry Date
WA-25-R	Carnarvon Basin	Blocks: 9	17/08/2008
Chevron/Texaco Australia Pty Ltd*			
BP Exploration (Alpha) Ltd			
Mobil Australia Resources Company Pty Ltd			
Shell Development (Australia) Pty Ltd			
Texaco Australia Pty Ltd			
WA-26-R	Carnarvon Basin	Blocks: 9	17/08/2008
Chevron/Texaco Australia Pty Ltd*			
BP Exploration (Alpha) Ltd			
Mobil Australia Resources Company Pty Ltd			
Shell Development (Australia) Pty Ltd			
Texaco Australia Pty Ltd			
WA-27-R	Carnarvon Basin	Blocks: 4	28/10/2008
Santos Ltd*			
Bonaparte Gas & Oil Pty Ltd			
Santos Offshore Pty Ltd			
WA-28-R	Carnarvon Basin	Blocks: 4	29/12/2008
Woodside Energy Ltd*			
BHP Billiton Petroleum (North West Shelf) Pty Ltd			
BP Petroleum Developments (NWS) Pty Ltd			
Chevron/Texaco Australia Pty Ltd			
Shell Development (Australia) Pty Ltd			
WA-29-R	Carnarvon Basin	Blocks: 2	29/12/2008
Woodside Energy Ltd*			
BHP Billiton Petroleum (North West Shelf) Pty Ltd			
BP Petroleum Developments (NWS) Pty Ltd			
Chevron/Texaco Australia Pty Ltd			
Shell Development (Australia) Pty Ltd			
WA-30-R	Carnarvon Basin	Blocks: 13	29/12/2008
Woodside Energy Ltd*			
BHP Billiton Petroleum (North West Shelf) Pty Ltd			
BP Petroleum Developments (NWS) Pty Ltd			
Chevron/Texaco Australia Pty Ltd			
Shell Development (Australia) Pty Ltd			
WA-31-R	Carnarvon Basin	Blocks: 11	29/12/2008
Woodside Energy Ltd*			
BHP Billiton Petroleum (North West Shelf) Pty Ltd			
BP Petroleum Developments (NWS) Pty Ltd			
Chevron/Texaco Australia Pty Ltd			
Shell Development (Australia) Pty Ltd			
WA-32-R	Carnarvon Basin	Blocks: 6	29/12/2008
Woodside Energy Ltd*			
BHP Billiton Petroleum (North West Shelf) Pty Ltd			
BP Petroleum Developments (NWS) Pty Ltd			
Chevron/Texaco Australia Pty Ltd			
Shell Development (Australia) Pty Ltd			
Legislation Group: Territorial			
TR/1	Carnarvon Basin	Blocks: 2	Sq Km: 160
<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			
TR/2	Carnarvon Basin	Blocks: 1	Sq Km: 80
31/01/2004			
Renewal Pending			
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			
TR/3	Carnarvon Basin	Blocks: 2	Sq Km: 30
19/11/2006			
<i>Blenathra</i>			
Apache Northwest Pty Ltd*			
TR/4	Carnarvon Basin	Blocks: 1	
28/07/2007			
<i>Koolinda</i>			
Chevron/Texaco Australia Pty Ltd*			
Mobil Australia Resources Company Pty Ltd			
Santos Offshore Pty Ltd			
Texaco Australia Pty Ltd			
TR/5	Browse Basin	Blocks: 13	
29/12/2008			
Woodside Energy Ltd*			
BHP Billiton Petroleum (North West Shelf) Pty Ltd			
BP Developments Australia Pty Ltd			
Chevron/Texaco Australia Pty Ltd			

Title	Company (Operator*)	Equity	Expiry Date
Northern Territory			
Onshore			
Exploration Permit			
Legislation Group: Territorial			
Sq km approximate			
EP 69	Amadeus Basin	Blocks: 18	Sq Km: 1 394
12/07/2006			
IOR Exploration (NT) Pty Ltd*			
Innovative Technological Geo-Exploration Pty Ltd			
Moroil Pty Ltd			
EP 76	Georgina Basin	Blocks: 61	Sq Km: 4 986
07/03/2006			
Sweetpea Corporation Pty Ltd*			
EP 97	Eromanga Basin	Blocks: 147	Sq Km: 11 377
20/10/2006			
Rawson Resources NL*			
EP 98	Georgina Basin	Blocks: 139	Sq Km: 11 519
Sweetpea Corporation Pty Ltd*			
EP 99	Georgina Basin	Blocks: 32	Sq Km: 2 609
Sweetpea Corporation Pty Ltd*			
Production Licence			
Legislation Group: Territorial			
Sq km approximate			
L3	Amadeus Basin		Sq Km: 616
08/11/2003			
<i>Palm Valley</i>			
Magellan Petroleum (NT) Pty Ltd*			
Canso Resources Ltd			
Farmout Drillers NL			
Santos Exploration Pty Ltd			
Santos Ltd			
L4	Amadeus Basin		Sq Km: 123
17/11/2023			
<i>Mereenie</i>			
United Oil & Gas Co (NT) Pty Ltd*			
Canso Resources Ltd			
Farmout Drillers NL			
Magellan Petroleum (NT) Pty Ltd			
Moonie Oil Co Ltd			
Petromin NL			
Santos Exploration Pty Ltd			
Transoil Pty Ltd			
L5	Amadeus Basin		Sq Km: 158
17/11/2023			
<i>Mereenie</i>			
Magellan Petroleum (NT) Pty Ltd*			
Canso Resources Ltd			
Farmout Drillers Pty Ltd			
Oilmin NT Resources Pty Ltd			
Petromin Pty Ltd			
Santos Exploration Pty Ltd			
Transoil (NT) Pty Ltd			
Retention Lease			
Legislation Group: Territorial			
Sq km approximate			
RL 1	Bonaparte Basin	Blocks: 2	Sq Km: 166
03/06/2006			
<i>Weaber</i>			
Amity Oil NL*			
Kimberly Energy Group Pty Ltd			
RL 2	Amadeus Basin	Blocks: 6	Sq Km: 465
26/10/2003			
<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			
NT/P48	Bonaparte Basin	Blocks: 74	Sq Km: 12 369
02/06/2007			
<i>Evans Shoal</i>			
Shell Development (Australia) Pty Ltd*			
Osaka Gas Australia Pty Ltd			
Santos (NGA) Pty Ltd			
NT/P55	Bonaparte Basin	Blocks: 3	Sq Km: 7 720
18/01/2005			
<i>Sunrise</i>			
Woodside Energy Ltd*			
Osaka Gas Australia Pty Ltd			
Phillips STL Pty Ltd			
Shell Development (Australia) Pty Ltd			
NT/P57	Bonaparte Basin	Blocks: 51	Sq Km: 4 234
18/01/2005			
Woodside Energy Ltd*			
AGIP Australia Ltd			
Shell Development (Australia) Pty Ltd			
NT/P59	Money Shoal Basin	Blocks: 100	Sq Km: 8 301
16/08/2005			
Nexen Petroleum Australia Pty Ltd*			

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title				
Accumulation				
Company (Operator*)	Equity	Expiry Date		
NT/P60 Money Shoal Basin	Blocks: 112 Sq Km: 9 298	16/08/2005		
TSP Arafura Petroleum Pty Ltd*	75.00			
Oz-Exoil NL	25.00			
NT/P61 Bonaparte Basin	Blocks: 63 Sq Km: 5 299	13/11/2007		
Santos offshore Pty Ltd*	100.00			
NT/P62 Bonaparte Basin	Blocks: 56	19/09/2008		
National Oil & Gas Pty Ltd*	35.00			
Australian Natural Gas PL	35.00			
Nations Natural Gas Pty Ltd	30.00			
NT/P63 Bonaparte Basin	Blocks: 37	19/09/2008		
National Oil & Gas Pty Ltd*	35.00			
Australian Natural Gas PL	35.00			
Nations Natural Gas Pty Ltd	30.00			
NT/P64 Bonaparte Basin	Blocks: 50	19/09/2008		
<i>Bonaparte</i>				
National Oil & Gas Pty Ltd*	35.00			
Australian Natural Gas PL	35.00			
Nations Natural Gas Pty Ltd	30.00			
NT/P65 Bonaparte Basin	Blocks: 56	21/04/2009		
National Oil & Gas Pty Ltd*	35.00			
Australian Natural Gas Pty Ltd	35.00			
Nations Natural Gas Pty Ltd	30.00			
NT/P66 Bonaparte Basin	Blocks: 47	25/06/2009		
Nexus Energy (Aust.) NL*	100.00			
NT/P67 Bonaparte Basin	Blocks: 43	14/09/2009		
Santos Offshore Pty Ltd*	100.00			
NT/P68 Bonaparte Basin	Blocks: 140	22/02/2010		
TSP Arafura Petroleum Pty Ltd*	50.00			
Oz-Exoil NL				

Retention Lease				
Legislation Group: PSLA				
	Sq km approximate			
NT/RL1 Bonaparte Basin	Blocks: 9 Sq Km: 747	31/01/2005		
<i>Petrel</i>				
Santos Ltd*	35.49			
Bonaparte Gas & Oil Pty Ltd	44.51			
Origin Energy Bonaparte Pty Ltd	5.00			
Santos Offshore Pty Ltd	15.00			
NT/RL2 R1 Bonaparte Basin	Blocks: 22	16/01/2007		
<i>Sunrise, Troubadour</i>				
Woodside Energy Ltd*	35.00			
Osaka Gas Australia Pty Ltd	10.00			
Phillips STL Pty Ltd	30.00			
Shell Development (Australia) Pty Ltd	25.00			
NT/RL3 Bonaparte Basin	Blocks: 1 Sq Km: 67	18/03/2006		
<i>Barnett</i>				
OMV Timor Sea Pty Ltd*	75.00			
Basin Oil NL	20.00			
Frontier Bonaparte Pty Ltd	5.00			

Territory of Ashmore and Cartier Islands Adjacent Area

Offshore

Exploration Permit

Legislation Group: PSLA				
	Sq km approximate			
AC/P4 R4 Bonaparte Basin	Blocks: 17 Sq Km: 494	13/08/2007		
Woodside Energy Ltd*	80.00			
OMV Timor Sea Pty Ltd	20.00			
AC/P8 R4 Bonaparte Basin	Blocks: 12 Sq Km: 996	07/04/2007		
		Renewal Pending		
Woodside Energy Ltd*	75.00			
Shell Development (Australia) Pty Ltd	25.00			
AC/P17 Bonaparte Basin	Blocks: 7 Sq Km: 581	08/07/2007		
<i>Audacious, Tenacious</i>				
OMV Timor Sea Pty Ltd*	35.00			
Cosmo Oil Ashmore Ltd	35.00			
Woodside Energy Ltd	30.00			
AC/P19 Bonaparte Basin	Blocks: 18 Sq Km: 1 494	29/05/2003		
<i>Sabul Shoals</i>				
Odyssey International Pty Ltd*	80.00			
Indo-Pacific Energy Australia Ltd	20.00			
AC/P20 Bonaparte Basin	Blocks: 18 Sq Km: 1 494	29/07/2005		
<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			
AC/P21 Bonaparte Basin	Blocks: 19 Sq Km: 1 577	29/10/2004		
<i>East Swan, Eclipse, Swan</i>				
Coastal Oil & Gas Australia 21 Pty Ltd*	57.00			
AGIP Australia Ltd	43.00			

Title				
Accumulation				
Company (Operator*)	Equity	Expiry Date		
AC/P22 Bonaparte Basin	Blocks: 22 Sq Km: 1 826	29/09/2003		
<i>Puffin</i>				
Ashmore Oil Pty Ltd*	50.00			
Westranch Holdings Pty Ltd	50.00			
AC/P23 Bonaparte Basin	Blocks: 2 Sq Km: 172	28/02/2004		
<i>Cruc, Keeling, Maret</i>				
Crux S.A.*	100.00			
AC/P24 Bonaparte Basin	Blocks: 20 Sq Km: 1 660	25/11/2004		
OMV Timor Sea Pty Ltd*	38.47			
Encana International (Australia) Pty Ltd	38.46			
Wandoo Petroleum Pty Ltd	23.08			
AC/P25 Bonaparte Basin	Blocks: 14 Sq Km: 1 162	25/10/2005		
Bounty Oil & Gas NL*	100.00			
AC/P26 Bonaparte Basin	Blocks: 5 Sq Km: 415	25/05/2005		
West Oil NL*	50.00			
Indo-Pacific Energy Australia Ltd	5.00			
Trans-Orient Petroleum Ltd	45.00			
AC/P27 Bonaparte Basin	Blocks: 14 Sq Km: 1 162	25/06/2005		
Bounty Oil & Gas NL*	100.00			
AC/P30 Browse Basin	Blocks: 49 Sq Km: 4 068	16/12/2004		
BHP Billiton (Australia) Pty Ltd*	66.67			
Encana International (Australia) Pty Ltd	33.33			
AC/P31 Bonaparte Basin	Blocks: 1 Sq Km: 83	11/09/2005		
Odyssey International Pty Ltd*	80.00			
Indo-Pacific Energy Australia Ltd	20.00			
AC/P32 Bonaparte Basin	Blocks: 13 Sq Km: 1 079	27/02/2007		
Daytona Energy Corporation*	18.00			
Eagle Bay Resources NL	30.00			
West Oil NL	18.00			
Westranch Holdings Pty Ltd	34.00			

Production Licence

Legislation Group: PSLA				
	Sq km approximate			
AC/L1 Bonaparte Basin	Blocks: 4 Sq Km: 332	16/07/2022		
<i>Jabiru, Pengana</i>				
Anadarko Australia Company Pty Ltd	14.69			
Coogee Resources Pty Ltd	50.00			
Mobil Australia Resources Company Pty Ltd	6.25			
OMV Petroleum Pty Ltd	18.75			
Santos Offshore Pty Ltd	10.31			
AC/L2 Bonaparte Basin	Blocks: 4 Sq Km: 332	16/07/2006		
<i>Challis, Jabiru</i>				
Anadarko Australia Company Pty Ltd	14.69			
Coogee Resources Pty Ltd	50.00			
Mobil Australia Resources Company Pty Ltd	6.25			
OMV Petroleum Pty Ltd	18.75			
Santos Offshore Pty Ltd	10.31			
AC/L3 Bonaparte Basin	Blocks: 9 Sq Km: 747	28/01/2009		
<i>Cassini, Challis</i>				
Anadarko Australia Company Pty Ltd	14.69			
Coogee Resources Pty Ltd	50.00			
Mobil Australia Resources Company Pty Ltd	6.25			
OMV Petroleum Pty Ltd	18.75			
Santos Offshore Pty Ltd	10.31			
AC/L5 Bonaparte Basin	Blocks: 2 Sq Km: 166	05/02/2018		
<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

Legislation Group: PSLA				
	Sq km approximate			
AC/RL1 Bonaparte Basin	Blocks: 1 Sq Km: 83	31/01/2005		
<i>Talbot</i>				
Ashmore Oil Pty Ltd*	100.00			
AC/RL3 Bonaparte Basin	Blocks: 3 Sq Km: 249	21/02/2007		
<i>Bihara, Montara, Tabhilk</i>				
Coogee Resources (AC) Pty Ltd*	50.00			
Coogee Resources Pty Ltd	50.00			

Joint Petroleum Development Area

Offshore

Exploration Permit

Legislation Group: JPDA				
	Sq km approximate			
JPDA 03-01 Bonaparte Basin	Sq Km: 1 225	08/01/2022		
<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			

KEY TO PETROLEUM EXPLORATION AND DEVELOPMENT TITLES

Title

Accumulation

Company (Operator*)	Equity	Expiry Date
JPDA 03-12 Bonaparte Basin <i>Bayu/Undan, Elang, Flamingo, Kakatua</i>	Sq Km: 1 470	06/02/2022
ConocoPhillips Petroleum (03-12) Pty Ltd*	46.71	
Emet Pty Ltd	1.58	
Impex Sahul Ltd	19.07	
Petroz (Timor Sea) Pty Ltd	13.37	
Santos (JPDA 91-12) Pty Ltd	19.27	
JPDA 03-13 Bonaparte Basin <i>Bayu/Undan, Fohn</i>	Sq Km: 1 406	13/11/2026
ConocoPhillips JPDA Pty Ltd*	37.50	
ConocoPhillips (03-13) Pty Ltd	13.13	
Eni JPDA 03-13 Ltd	26.87	
Tokyo Timor Sea Resources Pty Ltd	22.50	
JPDA 03-16 Bonaparte Basin	Sq Km: 2 684	13/11/2026
ConocoPhillips (03-16) Pty Ltd*	66.00	
NWE (ZOCA 96-16) Pty Ltd	14.00	
ZOCA 96-16 Pty Ltd	10.00	
ZOCA Pty Ltd	10.00	
JPDA 03-19 Bonaparte Basin <i>Sunrise, Troubadour</i>	Sq Km: 2 262	13/11/2026
Woodside Petroleum (Timor Sea 19) Pty Ltd*	27.67	
ConocoPhillips (03-19) Pty Ltd	30.00	
OG ZOCA (95-19) Pty Ltd	10.00	
Shell Development (PSC 19) Pty Ltd	32.33	
JPDA 03-20 Bonaparte Basin <i>Sunrise</i>	Sq Km: 3 216	13/11/2026
Woodside Petroleum (Timor Sea 20) Pty Ltd*	26.67	
ConocoPhillips Petroleum (03-20) Pty Ltd	30.00	
OG ZOCA (96-20) Pty Ltd	10.00	
Shell Development (03-20) Pty Ltd	33.33	
JPDA 03-21 Bonaparte Basin	Sq Km: 3 072	25/03/2031
ConocoPhillips (03-21) Pty Ltd*	75.00	
Eni JPDA 03-21 BV	25.00	

AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

Pipeline licence	Location/Route	Operator	Product	Length (km)	Pipe diameter (mm)	Period constructed
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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 97	324 219	1989/90 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
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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
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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	Junee to Griffith/Leeton	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
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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
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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
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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
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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/ Liquids/ 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
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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
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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
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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
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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
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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 Angaston lateral Taperoo lateral Dry Creek lateral Peterborough lateral Nurioopta lateral Burra lateral Port Pirie lateral Mintaro lateral Wasleys to Torrens Is loop Whyalla lateral Port Bonython lateral Tarac Port Douglas lateral Osborne lateral	Epic Energy SA Pty Ltd	Gas	781 38.7 1.2 1.3 1.9 1.6 15 77.8 0.3 41.5 87.7 5.5 0.4 11.5 1.3	560 219 323 323 89 114 989 168 219 508 219 114 89 114 273	1969 1988/89 1988/89
PL2	Moomba to Point Bonython	Santos Ltd Dehli Petroleum PL Origin Energy Resources Ltd Bridge Oil Development PL Vamgas PL Reef Oil PL Basin Oil PL Novus Australia Resources NL Santos (BOL) PL Santos Petroleum PL 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/condensate	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
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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 (reinjection)	9.1 41.4	273 323.85	1984 1988
na	Munkarie 4 to Toolachee	Epic Energy SA Pty Ltd	Gas	3.6 14.9	300 406	1984 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 20.6	168 219	1984 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 Dehli Petroleum PL Santos Petroleum PL Origin Energy Resources Ltd Vamgas PL Santos Australian Hydrocarbons PL 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
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SOUTH AUSTRALIA (cont'd)

Onshore (cont'd)

PL9	SW Queensland-Mettika	Santos Ltd Dehli Petroleum PL Santos Petroleum PL Origin Energy Resources Ltd Vamgas PL Santos Australian Hydrocarbons PL 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 Delhi Petroleum PL Santos Petroleum PL Vangas PL Origin Energy Resources Ltd Santos Australian Hydrocarbons PL 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 Apache Harriet Pty Ltd Apache Lowendal Pty Ltd Apache Miladin Pty Ltd Apache Nasmah Pty Ltd Kufpec Aust P/L 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
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WESTERN AUSTRALIA (cont'd)

Onshore (cont'd)

PL14	Airlie Island	Apache Oil Aust. Pty Ltd Ampolex (PPL) PL PanPacific Petroleum (SA) PL Santos (BOL) PL	Oil / Gas	0.64	508, 219	1987
PL15	Thevenard Island	Chevron Texaco Aust PL Mobil Aust. Resources Co PL Santos Offshore PL Texaco Aust PL	Oil / Gas	2.7	600, 168	1988
PL16	Tubridgi to Compressor Station No 2	Sagasco South East Inc Origin Energy Amadeus NL Origin Energy Pet. PL PanPacific Petroleum PL Tubridgi Petroleum PL	Gas	87.5	168	1992
PL17	Shore (Varanus Is) to Compressor Station No 1	Apache Northwest PL Apache Harriet PL Apache Lowendal PL Apache Miladin PL Apache Nasmah PL Kufpec Aust. PL Tap (Harriet) PL	Gas	30	300	1992
PL18	Beharra Springs to WANG Pipeline	AWE (Perth Basin) Ltd Origin Energy Developments Pty Ltd	Gas	1.6	168	1992
PL19	Tubridgi Gas Plant to Compressor Station No 2	Sagasco South East Inc Origin Energy Amadeus NL Origin Energy Pet PL PanPacific Pet. NL Turidgi Pet. PL	Gas	87	273	1993
PL20	Shore to Griffin Gas Plant	BHP Billiton Petroleum (Aust) Pty Ltd Inpex Alpha Ltd Mobil Exploration & Producing Aust PL	Gas	6	219	1994
PL21	Shore to Tubridgi Gas Plant	West Australian Petroleum Pty Ltd 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 Southern Cross Pipelines (NPL) Aust. PL 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
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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 Apache Kersail PL Apache Oil Aust. PL Santos (BOL) PL	Gas / Oil/ Water	0.6	356	1996
PL30	Varanus Island	Apache Oil Aust Pty Ltd Apache East Spar PL Apache Kersail PL Santos (BOL) PL	Gas / Oil/ Water	0.6	356	1996
PL31	Port Hedland	Epic Energy (Pilbara Pipeline) Pty Ltd Santos (BOL) PL 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 Apache Harriet PL Apache Kersail PL Apache Lowendal PL Apache Miladin PL Apache Nasmah PL Apache Northwest PL Apache Oil Aust. PL 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
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WESTERN AUSTRALIA (cont'd)

Onshore (cont'd)

PL43	Geraldton to Windimurra	AGL Pipelines (WA) Pty Ltd The Electricity Corporation	Gas	365	219.1 168.3	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 BP Developments Aust PL Chevron Texaco Aust PL Japan Australia LNG (MIMI) PL Shell Development (Aust.) PL 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
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WESTERN AUSTRALIA (cont'd)

Onshore (cont'd)

PL8		Mitsui Iron Ore Development PL Nippon Steel Aust. PL Peko-Wallsend Operations Ltd Robe River Mining Co PL 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 BHP Billiton Petroleum (NWS) PL BP Developments Aust. PL Chevron Texaco Aust. PL Japan Aust. LNG (MIMI) PL Shell Development (Aust) PL	Gas/condensate	134	1016	1983
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AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

Pipeline licence	Location/Route	Operator	Product	Length (km)	Pipe diameter (mm)	Period constructed
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WESTERN AUSTRALIA (cont'd)

Offshore (cont'd)

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

AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

Pipeline licence	Location/Route	Operator	Product	Length (km)	Pipe diameter (mm)	Period constructed
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WESTERN AUSTRALIA (cont'd)

Offshore (cont'd)

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

Offshore (cont'd)

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

AUSTRALIAN PETROLEUM PIPELINES – INCLUDING MAIN LATERALS/SPURS

Pipeline licence	Location/Route	Operator	Product	Length (km)	Pipe diameter (mm)	Period constructed
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WESTERN AUSTRALIA (cont'd)

Offshore (cont'd)

TP 16		BHP Billiton Petroleum (NWS) PL BP Developments Aust PL Chevron Texaco Aust. PL Japan Aust. LNG (MIMI) PL Shell Development (Aust) PL 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/ NT Gas Pty Ltd	Gas	146	219	1983
2	Mereenie to Alice Springs	Santos Ltd	Oil	269	219	1985
4	Palm Valley to Darwin Mereenie to Tylers Pass Tennant Creek lateral Katherine lateral	NT Gas Pty Ltd	Gas Gas Gas Gas	1512 116 21 6.8	356,324 273 114 114	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/ 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