

**INDEX OF DOCUMENTS HELD ON THE PUBLIC REGISTER FOR
GAS STORAGE RETENTION LICENCE GSRL 251**

1. 24 January 2024 Grant of Gas Storage Retention Licence GSRL 251.
- Interests:
- | | |
|--------------------------------------|--------|
| Santos Limited | 40.7% |
| Delhi Petroleum Pty Ltd | 20.21% |
| Beach Energy (Operations) Limited | 13.19% |
| Vamgas Pty Ltd | 8.51% |
| Santos (NARNL Cooper) Pty Ltd | 4.75% |
| Bridge Oil Developments Pty Ltd | 3.99% |
| Alliance Petroleum Australia Pty Ltd | 3.97% |
| Basin Oil Pty Ltd | 2.10% |
| Reef Oil Pty Ltd | 1.97% |
| Santos Petroleum Pty Ltd | 0.40% |
| Santos (BOL) Pty Ltd | 0.21% |
2. 24 January 2024 Memorandum entering GSRL 251 on the public register.
3. 1 February 2024 Gazettal of grant of licence.

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

Grant of Gas Storage Exploration Licence—GSEL 787

Notice is hereby given that the undermentioned Gas Storage Exploration Licence has been granted under the provisions of the *Petroleum and Geothermal Energy Act 2000*, pursuant to delegated powers dated 27 November 2023.

No of Licence	Licensee	Locality	Area in km ²	Reference
GSEL 787	ECOSSAUS Limited	Mid-North	2,491	MER-2023/0166

Description of Areas

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

AREA 1

Commencing at a point being the intersection of latitude 32°12'45"S GDA2020 and longitude 138°45'10"E GDA2020, thence west to longitude 138°42'40"E GDA2020, north to latitude 32°07'30"S GDA2020, east to longitude 138°44'45"E GDA2020, north to latitude 32°03'55"S GDA2020, east to longitude 138°46'10"E GDA2020, north to latitude 32°00'55"S GDA2020, east to longitude 138°48'00"E GDA2020, north to latitude 31°59'00"S GDA2020, east to longitude 138°49'35"E GDA2020, north to latitude 31°56'30"S GDA2020, east to longitude 139°00'25"E GDA2020, south to latitude 32°04'50"S GDA2020, west to longitude 138°55'45"E GDA2020, south to latitude 32°07'30"S GDA2020, west to longitude 138°53'15"E GDA2020, south to latitude 32°09'10"S GDA2020, west to longitude 138°50'50"E GDA2020, south to latitude 32°10'15"S GDA2020, west to longitude 138°47'45"E GDA2020, south to latitude 32°12'05"S GDA2020, west to longitude 138°45'10"E GDA2020, and south to the point of commencement.

AREA 2

Commencing at a point being the intersection of latitude 32°24'50"S GDA2020 and longitude 138°49'00"E GDA94, thence east to longitude 139°13'05"E GDA2020, south to latitude 32°34'55"S GDA2020, west to longitude 138°57'05"E GDA2020, south to latitude 32°45'35"S GDA2020, west to longitude 138°47'19"E GDA94, north to latitude 32°41'40"S GDA94, west to longitude 138°44'50"E GDA94, north to latitude 32°35'52"S GDA94, east to longitude 138°47'58"E GDA94, north to latitude 32°31'33"S GDA94, east to longitude 138°50'44"E GDA94, north to latitude 32°28'00"S GDA94, west to longitude 138°49'00"E GDA94 and north to the point of commencement, but excluding Yalpara Conservation Park and Black Rock Conservation Park.

AREA 3

Commencing at a point being the intersection of latitude 33°26'55"S GDA2020 and longitude 138°57'05"E GDA2020, thence west to longitude 138°47'05"E GDA2020, south to latitude 33°39'55"S GDA2020, east to longitude 138°50'05"E GDA2020, south to latitude 33°40'55"S GDA2020, east to longitude 138°51'05"E GDA2020, south to latitude 33°42'55"S GDA2020, east to longitude 138°52'05"E GDA2020, south to latitude 33°44'55"S GDA2020, west to longitude 138°51'05"E GDA2020, south to latitude 33°45'55"S GDA2020, west to longitude 138°37'05"E GDA2020, north to latitude 33°28'55"S GDA2020, west to longitude 138°31'00"E GDA2020, north to latitude 33°22'55"S GDA2020, east to longitude 138°57'05"E GDA2020 and south to the point of commencement.

AREA: **2491** square kilometres approximately.

Dated: 24 January 2024

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

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

Grant of Gas Storage Retention Licence—GSRL 251

Notice is hereby given that the undermentioned Gas Storage Retention Licence has been granted under the provisions of the *Petroleum and Geothermal Energy Act 2000*, pursuant to delegated powers dated 27 November 2023.

No of Licence	Licensees	Locality	Area in km ²	Reference
GSRL 251	Santos Limited Vamgas Pty Ltd Alliance Petroleum Australia Pty Ltd Reef Oil Pty Ltd Santos Petroleum Pty Ltd Bridge Oil Developments Pty Ltd Santos (BOL) Pty Ltd Beach Energy (Operations) Limited Delhi Petroleum Pty Ltd Basin Oil Pty Ltd Santos (NARNL Cooper) Pty Ltd	Cooper Basin	868	MER-2023/0196

Description of Areas

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

Commencing at a point being the intersection of latitude 28°20'10"S AGD66 and longitude 140°10'50"E AGD66, thence east to longitude 140°11'00"E Clarke1858, north to latitude 28°19'00"S Clarke1858, east to longitude 140°13'40"E GDA94, south to latitude 28°19'05"S GDA94, west to longitude 140°13'25"E GDA94, south to latitude 28°19'55"S GDA94, east to longitude 140°14'05"E GDA94, north to latitude 28°19'50"S GDA94, east to longitude 140°14'20"E GDA94, north to latitude 28°19'45"S GDA94, east to longitude 140°14'40"E GDA94, north to latitude 28°19'35"S GDA94, east to longitude 140°15'00"E GDA94, north to latitude 28°19'15"S GDA94, east to longitude 140°15'10"E GDA94, north to latitude 28°19'00"S Clarke1858, east to longitude 140°17'00"E Clarke1858, north to latitude 28°18'00"S Clarke1858, east to longitude 140°19'00"E Clarke1858, north to latitude 28°16'00"S Clarke1858, east to longitude 140°21'00"E Clarke1858, north to latitude 28°15'00"S Clarke1858, east to longitude 140°28'00"E Clarke1858, north to latitude 28°10'00"S AGD66, east to longitude 140°29'00"E AGD66, south to latitude 28°12'30"S AGD66, east to longitude 140°31'00"E AGD66, south to latitude 28°14'00"S AGD66, east to longitude 140°35'00"E AGD66, south to latitude 28°14'40"S AGD66, west to longitude 140°34'10"E AGD66, south to latitude 28°15'00"S AGD66, west to longitude 140°33'30"E AGD66, south to latitude 28°15'20"S AGD66, west to longitude 140°33'20"E AGD66, south to latitude 28°15'40"S AGD66, west to longitude 140°33'00"E AGD66, south to latitude 28°16'00"S AGD66, west to longitude 140°32'30"E AGD66, south to latitude 28°16'40"S AGD66, east to longitude 140°35'00"E AGD66, east to longitude 28°18'50"S GDA94, west to longitude 140°34'50"E GDA94, south to latitude 28°19'20"S GDA94, west to longitude 140°34'10"E GDA94, south to latitude 28°19'50"S GDA94, west to longitude 140°33'40"E GDA94, south to latitude 28°20'20"S GDA94, east to longitude 140°34'00"E GDA94, south to latitude 28°20'50"S GDA94, west to longitude 140°33'40"E GDA94, south to latitude 28°21'10"S GDA94, west to longitude 140°33'20"E GDA94, south to latitude 28°21'30"S GDA94, east to longitude 140°33'40"E GDA94, south to latitude 28°21'50"S GDA94, east to longitude 140°34'00"E GDA94, south to latitude 28°22'10"S GDA2020, east to longitude 140°34'20"E GDA94, south to latitude 28°22'30"S GDA94, east to longitude 140°34'50"E GDA94, south to latitude 28°23'00"S GDA94, west to longitude 140°34'30"E GDA94, south to latitude 28°23'20"S GDA94, west to longitude 140°34'00"E GDA94, south to latitude 28°23'40"S GDA94, west to longitude 140°33'20"E GDA94, south to latitude 28°24'00"S GDA94, west to longitude 140°33'00"E GDA94, south to latitude 28°24'20"S GDA94, west to longitude 140°32'20"E GDA94, north to latitude 28°24'00"S GDA94, west to longitude 140°32'00"E GDA94, south to latitude 28°24'20"S GDA94, west to longitude 140°31'40"E GDA94, south to latitude 28°25'00"S GDA94, east to longitude 140°32'00"E GDA94, south to latitude 28°25'20"S GDA2020, west to longitude 140°30'24"E GDA2020, south to latitude 28°27'10"S AGD66, west to longitude 140°30'00"E AGD66, north to latitude 28°27'00"S AGD66, west to longitude 140°29'40"E AGD66, north to latitude 28°26'50"S AGD66, west to longitude 140°28'50"E AGD66, south to latitude 28°27'25"S AGD66, west to longitude 140°28'40"E AGD66, north to latitude 28°27'20"S AGD66, west to longitude 140°28'20"E AGD66, north to latitude 28°27'00"S AGD66, west to longitude 140°27'20"E AGD66, south to latitude 28°27'30"S AGD66, west to longitude 140°26'50"E AGD66, south to latitude 28°28'05"S GDA94, west to longitude 140°26'45"E GDA94, south to latitude 28°28'10"S GDA94, west to longitude 140°26'35"E AGD66, south to latitude 28°28'45"S GDA94, west to longitude 140°26'25"E GDA94, south to latitude 28°28'55"S GDA94, west to longitude 140°26'20"E GDA94, south to latitude 28°29'00"S GDA94, west to longitude 140°25'45"E GDA94, south to latitude 28°29'10"S GDA94, east to longitude 140°25'50"E GDA94, south to latitude 28°29'15"S GDA94, east to longitude 140°26'25"E GDA94, south to latitude 28°29'25"S GDA94, west to longitude 140°26'15"E GDA94, south to latitude 28°29'40"S GDA94, west to longitude 140°26'10"E GDA94, south to latitude 28°29'45"S GDA94, west to longitude 140°26'05"E GDA94, south to latitude 28°30'00"S GDA94, east to longitude 140°26'20"E GDA94, north to latitude 28°29'55"S GDA94, east to longitude 140°26'40"E GDA94, north to latitude 28°29'50"S GDA94, east to longitude 140°27'00"E GDA94, south to latitude 28°30'20"S GDA94, west to longitude 140°25'30"E AGD66, north to latitude 28°29'40"S AGD66, west to longitude 140°24'30"E AGD66, north to latitude 28°29'20"S AGD66, west to longitude 140°21'20"E AGD66, north to latitude 28°27'50"S AGD66, east to longitude 140°21'45"E AGD66, north to latitude 28°27'40"S AGD66, east to longitude 140°21'55"E AGD66, north to latitude 28°27'35"S AGD66, east to longitude 140°22'00"E AGD66, north to latitude 28°27'30"S AGD66, east to longitude 140°22'15"E AGD66, north to latitude 28°27'05"S AGD66, west to longitude 140°22'00"E AGD66, north to latitude 28°26'55"S AGD66, west to longitude 140°21'10"E AGD66, south to latitude 28°27'30"S AGD66, east to longitude 140°21'15"E AGD66, south to latitude 28°27'50"S AGD66, west to longitude 140°21'00"E AGD66, north to latitude 28°27'40"S AGD66, west to longitude 140°20'00"E AGD66, south to latitude 28°28'00"S AGD66, west to longitude 140°19'00"E AGD66, south to latitude 28°28'40"S AGD66, west to longitude 140°17'20"E AGD66, south to latitude 28°29'00"S AGD66, west to longitude 140°17'00"E AGD66, south to latitude 28°29'20"S AGD66, west to longitude 140°16'20"E AGD66, south to latitude 28°29'40"S AGD66, west to longitude 140°15'50"E AGD66, south to latitude 28°30'00"S AGD66, west to longitude 140°15'30"E AGD66, south to latitude 28°30'15"S GDA94, west to longitude 140°15'25"E GDA94, south to latitude 28°30'30"S GDA94, west to longitude 140°15'20"E GDA94, south to latitude 28°30'35"S GDA94, west to longitude 140°15'15"E GDA94, south to latitude 28°30'40"S GDA94, west to longitude 140°15'10"E GDA94, south to latitude 28°30'45"S GDA94, west to longitude 140°15'00"E AGD66, north to latitude 28°29'20"S GDA94, west to longitude 140°12'45"E AGD66, north to latitude 28°29'25"S AGD66, west to longitude 140°12'20"E AGD66, south to latitude 28°29'35"S AGD66, west to longitude 140°12'10"E AGD66, south to latitude 28°29'45"S AGD66, west to longitude 140°09'40"E AGD66, north to latitude 28°28'30"S AGD66, west to longitude 140°08'35"E GDA94, north to latitude 28°22'25"S GDA94, east to longitude 140°09'00"E GDA94, north to latitude 28°22'20"S GDA94, east to longitude 140°09'35"E GDA94, north to latitude 28°22'10"S GDA94, east to longitude 140°10'05"E GDA94, north to latitude 28°21'50"S GDA94, east to longitude 140°10'30"E GDA94, north to latitude 28°21'20"S GDA94, east to longitude 140°10'50"E AGD66, and north to the point of commencement, but excluding the areas bounded as follows -

Commencing at a point being the intersection of latitude 28°23'50"S AGD66 and longitude 140°25'00"E AGD66, thence east to longitude 140°25'10"E AGD66, south to latitude 28°24'00"S AGD66, east to longitude 140°26'40"E AGD66, north to latitude 28°23'55"S AGD66, east to longitude 140°26'50"E AGD66, north to latitude 28°23'45"S AGD66, east to longitude 140°27'00"E AGD66, north to latitude 28°23'15"S AGD66, east to longitude 140°27'10"E AGD66, north to latitude 28°22'45"S AGD66, west to longitude 140°27'00"E AGD66, north to latitude 28°22'30"S AGD66, west to longitude 140°26'40"E AGD66, north to latitude 28°22'10"S AGD66, west to longitude 140°26'30"E AGD66, north to latitude 28°22'05"S AGD66, west to longitude 140°25'00"E AGD66, and south to the point of commencement.

and

Commencing at a point being the intersection of latitude 28°23'10"S AGD66 and longitude 140°16'40"E GDA94, thence west to longitude 140°16'30"E AGD66, south to latitude 28°23'40"S AGD66, east to longitude 140°17'20"E GDA94, north to latitude 28°23'10"S GDA94, east to longitude 140°17'30"E AGD66, north to latitude 28°23'00"S AGD66, west to longitude 140°17'05"E GDA94, north to latitude 28°22'50"S AGD66, west to longitude 140°16'40"E GDA94, and south to the point of commencement.

and

Commencing at a point being the intersection of latitude 28°24'35"S GDA94 and longitude 140°28'15"E GDA94, thence east to longitude 140°28'35"E GDA94, south to latitude 28°24'50"S GDA94, west to longitude 140°28'30"E GDA94, south to latitude 28°25'05"S GDA94, west to longitude 140°28'25"E GDA94, south to latitude 28°25'10"S GDA94, west to longitude 140°28'20"E GDA94, south to latitude 28°25'15"S GDA94, west to longitude 140°28'15"E GDA94, south to latitude 28°25'20"S GDA94, west to longitude 140°28'10"E GDA94, south to latitude 28°25'45"S GDA94, west to longitude 140°28'00"E GDA94, south to latitude 28°25'50"S GDA94, west to longitude 140°27'30"E GDA94, north to latitude 28°25'25"S GDA94, east to longitude 140°27'35"E GDA94, north to latitude 28°25'20"S GDA94, east to longitude 140°27'40"E GDA94, north to latitude 28°25'00"S GDA94, east to longitude 140°27'45"E GDA94, north to latitude

28°24'55"S GDA94, east to longitude 140°27'50"E GDA94, north to latitude 28°24'50"S GDA94, east to longitude 140°27'55"E GDA94, north to latitude 28°24'40"S GDA94, east to longitude 140°28'15"E GDA94, and north to the point of commencement.

and

Commencing at a point being the intersection of latitude 28°26'51"S GDA94 and longitude 140°24'20"E GDA94, thence east to longitude 140°24'30"E GDA94, south to latitude 28°26'55"S GDA94, east to longitude 140°24'35"E GDA94, south to latitude 28°27'10"S GDA94, west to longitude 140°24'30"E GDA94, south to latitude 28°27'15"S GDA94, west to longitude 140°24'25"E GDA94, south to latitude 28°27'40"S GDA94, west to longitude 140°24'20"E GDA94, south to latitude 28°27'45"S GDA94, west to longitude 140°24'10"E GDA94, south to latitude 28°27'55"S GDA94, west to longitude 140°23'45"E GDA94, south to latitude 28°28'05"S GDA94, west to longitude 140°23'35"E GDA94, south to latitude 28°28'20"S GDA94, west to longitude 140°23'30"E GDA94, south to latitude 28°28'35"S GDA94, west to longitude 140°23'25"E GDA94, south to latitude 28°28'40"S GDA94, west to longitude 140°23'00"E GDA94, north to latitude 28°28'30"S GDA94, east to longitude 140°23'05"E GDA94, north to latitude 28°28'10"S GDA94, east to longitude 140°23'10"E GDA94, north to latitude 28°28'05"S GDA94, east to longitude 140°23'25"E GDA94, north to latitude 28°27'55"S GDA94, east to longitude 140°23'30"E GDA94, north to latitude 28°27'45"S GDA94, west to longitude 140°23'25"E GDA94, north to latitude 28°27'20"S GDA94, east to longitude 140°23'40"E GDA94, north to latitude 28°27'15"S GDA94, east to longitude 140°23'45"E GDA94, north to latitude 28°27'05"S GDA94, east to longitude 140°24'00"E GDA94, north to latitude 28°27'00"S GDA94, east to longitude 140°24'10"E GDA94, north to latitude 28°26'55"S GDA94, east to longitude 140°24'20"E GDA94, and north to the point of commencement.

and

Commencing at a point being the intersection of latitude 28°28'15"S GDA94 and longitude 140°25'10"E GDA94, thence east to longitude 140°25'15"E GDA94, north to latitude 28°28'10"S GDA94, east to longitude 140°25'45"E GDA94, south to latitude 28°28'35"S GDA94, west to longitude 140°25'30"E GDA94, south to latitude 28°28'40"S GDA94, west to longitude 140°25'20"E GDA94, north to latitude 28°28'25"S GDA94, west to longitude 140°25'15"E GDA94, north to latitude 28°28'20"S GDA94, west to longitude 140°25'10"E GDA94, and north to the point of commencement.

and

Commencing at a point being the intersection of latitude 28°19'10"S AGD66 and longitude 140°28'20"E AGD66, thence east to longitude 140°29'50"E AGD66, south to latitude 28°19'30"S AGD66, east to longitude 140°30'00"E AGD66, south to latitude 28°20'25"S AGD66, west to longitude 140°29'45"E AGD66, south to latitude 28°20'35"S AGD66, west to longitude 140°29'05"E AGD66, south to latitude 28°20'40"S AGD66, west to longitude 140°28'50"E AGD66, south to latitude 28°20'50"S AGD66, west to longitude 140°28'30"E AGD66, south to latitude 28°21'40"S AGD66, west to longitude 140°26'40"E AGD66, north to latitude 28°20'10"S AGD66, east to longitude 140°27'50"E AGD66, north to latitude 28°20'05"S AGD66, east to longitude 140°28'00"E AGD66, north to latitude 28°19'55"S AGD66, east to longitude 140°28'10"E AGD66, north to latitude 28°19'30"S AGD66, east to longitude 140°28'20"E AGD66, and north to the point of commencement.

and

Commencing at a point being the intersection of latitude 28°18'25"S GDA94 and longitude 140°22'00"E GDA94, thence west to longitude 140°21'45"E GDA94, south to latitude 28°18'40"S GDA94, west to longitude 140°21'30"E GDA94, south to latitude 28°19'35"S GDA94, west to longitude 140°21'10"E GDA94, south to latitude 28°19'40"S GDA94, west to longitude 140°20'15"E GDA94, south to latitude 28°19'45"S GDA94, west to longitude 140°20'10"E GDA94, south to latitude 28°19'55"S GDA94, west to longitude 140°19'55"E GDA94, south to latitude 28°20'00"S GDA94, west to longitude 140°19'30"E GDA94, north to latitude 28°19'15"S GDA94, east to longitude 140°19'55"E GDA94, north to latitude 28°19'10"S GDA94, east to longitude 140°20'00"E GDA94, north to latitude 28°18'55"S GDA94, east to longitude 140°20'05"E GDA94, north to latitude 28°18'50"S GDA94, east to longitude 140°20'10"E GDA94, north to latitude 28°18'30"S GDA94, east to longitude 140°21'20"E GDA94, north to latitude 28°18'20"S GDA94, east to longitude 140°21'30"E GDA94, north to latitude 28°18'05"S GDA94, east to longitude 140°22'00"E GDA94, and south to the point of commencement.

and

Commencing at a point being the intersection of latitude 28°17'30"S AGD66 and longitude 140°32'05"E AGD66, thence east to longitude 140°32'40"E AGD66, south to latitude 28°17'50"S AGD66, east to longitude 140°32'45"E AGD66, south to latitude 28°18'00"S AGD66, east to longitude 140°32'50"E AGD66, south to latitude 28°18'15"S AGD66, west to longitude 140°32'30"E AGD66, north to latitude 28°18'00"S AGD66, west to longitude 140°32'20"E AGD66, north to latitude 28°17'50"S AGD66, west to longitude 140°32'05"E AGD66, and north to the point of commencement.

AREA: **868** square kilometres approximately.

Dated: 24 January 2024

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

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

Suspension of Petroleum Exploration Licences—PELs 138, 143 and 499

Pursuant to Section 90 of the *Petroleum and Geothermal Energy Act 2000*, notice is hereby given that the abovementioned Petroleum Exploration Licences have been suspended for the period from 20 January 2024 to 19 April 2024 inclusive, pursuant to delegated powers dated 27 November 2023.

The expiry date of PEL 138 is now determined to be 22 March 2026.

The expiry date of PEL 143 is now determined to be 21 April 2027.

The expiry date of PEL 499 is now determined to be 1 May 2024.

Dated: 30 January 2024

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

Petroleum and Geothermal Energy Act 2000
S.115

MEMORANDUM

GAS STORAGE RETENTION LICENCE
GSRL 251

1. This licence granted with effect from 24 January 2024 is hereby entered on the public register.
2. Interests in the licence are:

Santos Limited	40.7%
Delhi Petroleum Pty Ltd	20.21%
Beach Energy (Operations) Limited	13.19%
Vamgas Pty Ltd	8.51%
Santos (NARNL Cooper) Pty Ltd	4.75%
Bridge Oil Developments Pty Ltd	3.99%
Alliance Petroleum Australia Pty Ltd	3.97%
Basin Oil Pty Ltd	2.10%
Reef Oil Pty Ltd	1.97%
Santos Petroleum Pty Ltd	0.40%
Santos (BOL) Pty Ltd	0.21%



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

Date: 24 January 2024

Ref: MER-2023/0196

Petroleum and Geothermal Energy Act 2000
S.115

MEMORANDUM

GAS STORAGE RETENTION LICENCE
GSRL 251

1. This licence granted with effect from 24 January 2024 is hereby entered on the public register.

2. Interests in the licence are:

Santos Limited	40.7%
Delhi Petroleum Pty Ltd	20.21%
Beach Energy (Operations) Limited	13.19%
Vamgas Pty Ltd	8.51%
Santos (NARNL Cooper) Pty Ltd	4.75%
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Alliance Petroleum Australia Pty Ltd	3.97%
Basin Oil Pty Ltd	2.10%
Reef Oil Pty Ltd	1.97%
Santos Petroleum Pty Ltd	0.40%
Santos (BOL) Pty Ltd	0.21%



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

Date: 24 January 2024

Ref: MER-2023/0196

Petroleum and Geothermal Energy Act 2000

GAS STORAGE RETENTION LICENCE

GSRL 251

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

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

(hereinafter referred to as the Licensees) a Retention Licence in relation to a natural reservoir for the storage of petroleum or another regulated substance in respect of the area set out below, to have effect for a period of five years and to expire on 23 January 2029 and carrying the right to two further renewal terms, subject to the provisions of the *Petroleum and Geothermal Energy Act 2000*.

DESCRIPTION OF AREA

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

CONDITIONS

1. During the term of the licence, the Licensees are authorised to carry out in the licence area -
 - (a) operations to establish the nature and extent of a discovery of a natural reservoir;
 - (b) operations to test the natural reservoir for the storage of petroleum or another regulated substance; and
 - (c) operations to establish the commercial feasibility of gas storage and appropriate gas storage techniques.
2. All regulated activities authorised by the Licence are classified as requiring high level official surveillance, unless the Licensees satisfy the Minister, that in view of the Licensees demonstrated competence to comply with the requirements of the Act and the conditions of this Licence, the activities should be classified as requiring low level official surveillance.
 - 2.1 The Minister's prior written approval is required for activities requiring high level official surveillance in accordance with Regulation 19 of the Regulations to the Act.

3. The Licensees shall during periods determined by the Minister, lodge and maintain with the Minister, in the form acceptable to the Minister, for the satisfaction of obligations arising under the Act or this licence, a security as specified by the Minister from time to time ("the Security").
 - 3.1 The Security shall be lodged in the form of either;
 - (a) cash; or
 - (b) an unconditional, irrevocable bank guarantee, insurance bond or letter of credit in a form, and from a financial institution, approved by the Minister.
 - 3.2 Interest will not be payable by the Minister to the Licensee on any cash Security.
 - 3.3 All charges incurred by the Licensees in obtaining and maintaining the Security, shall be met by the Licensees.
 - 3.4 If upon expiry, this Licence is not renewed and the Minister is satisfied that there are no further obligations under this Licence or the Act, the Minister will return the Security to the Licensees.
4. The Licensees must:
 - (a) maintain in force during the term of this licence public liability insurance to cover regulated activities under this licence (including sudden and accidental pollution) in the name of the Licensees for a sum not less than twenty million dollars (\$20,000,000.00) or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may from time to time require;
 - (b) maintain in force during the drilling of any well or operation in any well, control of well insurance in the name of the Licensees for a sum not less than ten million dollars (\$10,000,000.00) or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may from time to time require; and
 - (c) upon request by the Minister, provide the Minister with a cover note or certificate of currency of each insurance policy referred to in paragraphs (a) and (b).
5. The Minister in specifying the levels of insurance accepts no liability for the completeness of their listing, the adequacy of the sum insured, the limit of liability, the scoped coverage, or the conditions or exclusions of these insurances in respect to how they may or may not respond to any loss, damage or liability.
6. The Licensees will ensure, when preparing an Environmental Impact Report under Part 12 of the *Petroleum and Geothermal Energy Act 2000*, that the report also includes an assessment of the potential economic consequences for other licensees under the *Petroleum and Geothermal Energy Act 2000* or *Mining Act 1971* and owners of land, arising out of proposed regulated activities to be carried out in the licence area.
7. A contract or agreement entered into by the licensees to transfer or accept liability for any well or facility constructed for the purpose of undertaking a regulated activity under the *Petroleum Act 1940* or *Petroleum and Geothermal Energy Act 2000* cannot transfer, limit or exclude liability under the *Petroleum and Geothermal Energy Act 2000* unless written consent of the Minister is obtained.

Date: 24 January 2024



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

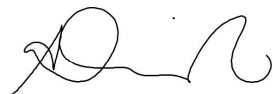
EXECUTED BY THE LICENSEES:

EXECUTED BY THE LICENSEES:

Signed for and on behalf of:

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

By its authorised representative:



.....
Signature of representative

Amanda Devonish

.....
Print name of representative



.....
Signature of witness

Jessica Cotton

.....
Print name of witness

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



.....
Signature of Director

Bruce Clement

.....
Print name of Director



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

David Lim

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

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



.....
Signature of Director

Bruce Clement

.....
Print name of Director



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

David Lim

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

THE SCHEDULE

GAS STORAGE EXPLORATION LICENCE

GSRL 251

DESCRIPTION OF AREA

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

Commencing at a point being the intersection of latitude 28°20'10"S AGD66 and longitude 140°10'50"E AGD66, thence east to longitude 140°11'00"E Clarke1858, north to latitude 28°19'00"S Clarke1858, east to longitude 140°13'40"E GDA94, south to latitude 28°19'05"S GDA94, west to longitude 140°13'25"E GDA94, south to latitude 28°19'55"S GDA94, east to longitude 140°14'05"E GDA94, north to latitude 28°19'50"S GDA94, east to longitude 140°14'20"E GDA94, north to latitude 28°19'45"S GDA94, east to longitude 140°14'40"E GDA94, north to latitude 28°19'35"S GDA94, east to longitude 140°15'00"E GDA94, north to latitude 28°19'15"S GDA94, east to longitude 140°15'10"E GDA94, north to latitude 28°19'00"S Clarke1858, east to longitude 140°17'00"E Clarke1858, north to latitude 28°18'00"S Clarke1858, east to longitude 140°19'00"E Clarke1858, north to latitude 28°16'00"S Clarke1858, east to longitude 140°21'00"E Clarke1858, north to latitude 28°15'00"S Clarke1858, east to longitude 140°28'00"E Clarke1858, north to latitude 28°10'00"S AGD66, east to longitude 140°29'00"E AGD66, south to latitude 28°12'30"S AGD66, east to longitude 140°31'00"E AGD66, south to latitude 28°14'00"S AGD66, east to longitude 140°35'00"E AGD66, south to latitude 28°14'40"S AGD66, west to longitude 140°34'10"E AGD66, south to latitude 28°15'00"S AGD66, west to longitude 140°33'30"E AGD66, south to latitude 28°15'20"S AGD66, west to longitude 140°33'20"E AGD66, south to latitude 28°15'40"S AGD66, west to longitude 140°33'00"E AGD66, south to latitude 28°16'00"S AGD66, west to longitude 140°32'30"E AGD66, south to latitude 28°16'40"S AGD66, east to longitude 140°35'00"E AGD66, south to latitude 28°18'50"S GDA94, west to longitude 140°34'50"E GDA94, south to latitude 28°19'20"S GDA94, west to longitude 140°34'10"E GDA94, south to latitude 28°19'50"S GDA94, west to longitude 140°33'40"E GDA94, south to latitude 28°20'20"S GDA94, east to longitude 140°34'00"E GDA94, south to latitude 28°20'50"S GDA94, west to longitude 140°33'40"E GDA94, south to latitude 28°21'10"S GDA94, west to longitude 140°33'20"E GDA94, south to latitude 28°21'30"S GDA94, east to longitude 140°33'40"E GDA94, south to latitude 28°21'50"S GDA94, east to longitude 140°34'00"E GDA94, south to latitude 28°22'10"S GDA2020, east to longitude 140°34'20"E GDA94, south to latitude 28°22'30"S GDA94, east to longitude 140°34'50"E GDA94, south to latitude 28°23'00"S GDA94, west to longitude 140°34'30"E GDA94, south to latitude 28°23'20"S GDA94, west to longitude 140°34'00"E GDA94, south to latitude 28°23'40"S GDA94, west to longitude 140°33'20"E GDA94, south to latitude 28°24'00"S GDA94, west to longitude 140°33'00"E GDA94, south to latitude 28°24'20"S GDA94, west to longitude 140°32'20"E GDA94, north to latitude 28°24'00"S GDA94, west to longitude 140°32'00"E GDA94, south to latitude 28°24'20"S GDA94, west to longitude 140°31'40"E GDA94, south to latitude 28°25'00"S GDA94, east to longitude 140°32'00"E GDA94, south to latitude 28°25'20"S GDA2020, west to longitude 140°30'24"E GDA2020, south to latitude 28°27'10"S AGD66, west to longitude 140°30'00"E AGD66, north to latitude 28°27'00"S AGD66, west to longitude 140°29'40"E AGD66, north to latitude 28°26'50"S AGD66, west to longitude 140°28'50"E AGD66, south to latitude 28°27'25"S AGD66, west to longitude 140°28'40"E AGD66, north to latitude 28°27'20"S AGD66, west to longitude 140°28'20"E AGD66, north to latitude 28°27'00"S AGD66, west to longitude 140°27'20"E AGD66, south to latitude 28°27'30"S AGD66, west to longitude 140°26'50"E AGD66, south to latitude 28°28'05"S GDA94, west to longitude 140°26'45"E GDA94, south to latitude 28°28'10"S

GDA94, west to longitude 140°26'35"E AGD66, south to latitude 28°28'45"S GDA94, west to longitude 140°26'25"E GDA94, south to latitude 28°28'55"S GDA94, west to longitude 140°26'20"E GDA94, south to latitude 28°29'00"S GDA94, west to longitude 140°25'45"E GDA94, south to latitude 28°29'10"S GDA94, east to longitude 140°25'50"E GDA94, south to latitude 28°29'15"S GDA94, east to longitude 140°26'25"E GDA94, south to latitude 28°29'25"S GDA94, west to longitude 140°26'15"E GDA94, south to latitude 28°29'40"S GDA94, west to longitude 140°26'10"E GDA94, south to latitude 28°29'45"S GDA94, west to longitude 140°26'05"E GDA94, south to latitude 28°30'00"S GDA94, east to longitude 140°26'20"E GDA94, north to latitude 28°29'55"S GDA94, east to longitude 140°26'40"E GDA94, north to latitude 28°29'50"S GDA94, east to longitude 140°27'00"E GDA94, south to latitude 28°30'20"S GDA94, west to longitude 140°25'30"E AGD66, north to latitude 28°29'40"S AGD66, west to longitude 140°24'30"E AGD66, north to latitude 28°29'20"S AGD66, west to longitude 140°21'20"E AGD66, north to latitude 28°27'50"S AGD66, east to longitude 140°21'45"E AGD66, north to latitude 28°27'40"S AGD66, east to longitude 140°21'55"E AGD66, north to latitude 28°27'35"S AGD66, east to longitude 140°22'00"E AGD66, north to latitude 28°27'30"S AGD66, east to longitude 140°22'15"E AGD66, north to latitude 28°27'05"S AGD66, west to longitude 140°22'00"E AGD66, north to latitude 28°26'55"S AGD66, west to longitude 140°21'10"E AGD66, south to latitude 28°27'30"S AGD66, east to longitude 140°21'15"E AGD66, south to latitude 28°27'50"S AGD66, west to longitude 140°21'00"E AGD66, north to latitude 28°27'40"S AGD66, west to longitude 140°20'00"E AGD66, south to latitude 28°28'00"S AGD66, west to longitude 140°19'00"E AGD66, south to latitude 28°28'40"S AGD66, west to longitude 140°17'20"E AGD66, south to latitude 28°29'00"S AGD66, west to longitude 140°17'00"E AGD66, south to latitude 28°29'20"S AGD66, west to longitude 140°16'20"E AGD66, south to latitude 28°29'40"S AGD66, west to longitude 140°15'50"E AGD66, south to latitude 28°30'00"S AGD66, west to longitude 140°15'30"E AGD66, south to latitude 28°30'15"S GDA94, west to longitude 140°15'25"E GDA94, south to latitude 28°30'30"S GDA94, west to longitude 140°15'20"E GDA94, south to latitude 28°30'35"S GDA94, west to longitude 140°15'15"E GDA94, south to latitude 28°30'40"S GDA94, west to longitude 140°15'10"E GDA94, south to latitude 28°30'45"S GDA94, west to longitude 140°15'00"E AGD66, north to latitude 28°29'20"S GDA94, west to longitude 140°12'45"E AGD66, north to latitude 28°29'25"S AGD66, west to longitude 140°12'20"E AGD66, south to latitude 28°29'35"S AGD66, west to longitude 140°12'10"E AGD66, south to latitude 28°29'45"S AGD66, west to longitude 140°09'40"E AGD66, north to latitude 28°28'30"S AGD66, west to longitude 140°08'35"E GDA94, north to latitude 28°22'25"S GDA94, east to longitude 140°09'00"E GDA94, north to latitude 28°22'20"S GDA94, east to longitude 140°09'35"E GDA94, north to latitude 28°22'10"S GDA94, east to longitude 140°10'05"E GDA94, north to latitude 28°21'50"S GDA94, east to longitude 140°10'30"E GDA94, north to latitude 28°21'20"S GDA94, east to longitude 140°10'50"E AGD66, and north to the point of commencement, but excluding the areas bounded as follows -

Commencing at a point being the intersection of latitude 28°23'50"S AGD66 and longitude 140°25'00"E AGD66, thence east to longitude 140°25'10"E AGD66, south to latitude 28°24'00"S AGD66, east to longitude 140°26'40"E AGD66, north to latitude 28°23'55"S AGD66, east to longitude 140°26'50"E AGD66, north to latitude 28°23'45"S AGD66, east to longitude 140°27'00"E AGD66, north to latitude 28°23'15"S AGD66, east to longitude 140°27'10"E AGD66, north to latitude 28°22'45"S AGD66, west to longitude 140°27'00"E AGD66, north to latitude 28°22'30"S AGD66, west to longitude 140°26'40"E AGD66, north to latitude 28°22'10"S AGD66, west to longitude 140°26'30"E AGD66, north to latitude 28°22'05"S AGD66, west to longitude 140°25'00"E AGD66, and south to the point of commencement.

and

Commencing at a point being the intersection of latitude 28°23'10"S AGD66 and longitude 140°16'40"E GDA94, thence west to longitude 140°16'30"E AGD66, south to latitude 28°23'40"S AGD66, east to longitude 140°17'20"E GDA94, north to latitude 28°23'10"S

GDA94, east to longitude 140°17'30"E AGD66, north to latitude 28°23'00"S AGD66, west to longitude 140°17'05"E GDA94, north to latitude 28°22'50"S AGD66, west to longitude 140°16'40"E GDA94, and south to the point of commencement.

and

Commencing at a point being the intersection of latitude 28°24'35"S GDA94 and longitude 140°28'15"E GDA94, thence east to longitude 140°28'35"E GDA94, south to latitude 28°24'50"S GDA94, west to longitude 140°28'30"E GDA94, south to latitude 28°25'05"S GDA94, west to longitude 140°28'25"E GDA94, south to latitude 28°25'10"S GDA94, west to longitude 140°28'20"E GDA94, south to latitude 28°25'15"S GDA94, west to longitude 140°28'15"E GDA94, south to latitude 28°25'20"S GDA94, west to longitude 140°28'10"E GDA94, south to latitude 28°25'45"S GDA94, west to longitude 140°28'00"E GDA94, south to latitude 28°25'50"S GDA94, west to longitude 140°27'30"E GDA94, north to latitude 28°25'25"S GDA94, east to longitude 140°27'35"E GDA94, north to latitude 28°25'20"S GDA94, east to longitude 140°27'40"E GDA94, north to latitude 28°25'00"S GDA94, east to longitude 140°27'45"E GDA94, north to latitude 28°24'55"S GDA94, east to longitude 140°27'50"E GDA94, north to latitude 28°24'50"S GDA94, east to longitude 140°27'55"E GDA94, north to latitude 28°24'40"S GDA94, east to longitude 140°28'15"E GDA94, and north to the point of commencement.

and

Commencing at a point being the intersection of latitude 28°26'51"S GDA94 and longitude 140°24'20"E GDA94, thence east to longitude 140°24'30"E GDA94, south to latitude 28°26'55"S GDA94, east to longitude 140°24'35"E GDA94, south to latitude 28°27'10"S GDA94, west to longitude 140°24'30"E GDA94, south to latitude 28°27'15"S GDA94, west to longitude 140°24'25"E GDA94, south to latitude 28°27'40"S GDA94, west to longitude 140°24'20"E GDA94, south to latitude 28°27'45"S GDA94, west to longitude 140°24'10"E GDA94, south to latitude 28°27'55"S GDA94, west to longitude 140°23'45"E GDA94, south to latitude 28°28'05"S GDA94, west to longitude 140°23'35"E GDA94, south to latitude 28°28'20"S GDA94, west to longitude 140°23'30"E GDA94, south to latitude 28°28'35"S GDA94, west to longitude 140°23'25"E GDA94, south to latitude 28°28'40"S GDA94, west to longitude 140°23'00"E GDA94, north to latitude 28°28'30"S GDA94, east to longitude 140°23'05"E GDA94, north to latitude 28°28'10"S GDA94, east to longitude 140°23'10"E GDA94, north to latitude 28°28'05"S GDA94, east to longitude 140°23'25"E GDA94, north to latitude 28°27'55"S GDA94, east to longitude 140°23'30"E GDA94, north to latitude 28°27'45"S GDA94, west to longitude 140°23'25"E GDA94, north to latitude 28°27'20"S GDA94, east to longitude 140°23'40"E GDA94, north to latitude 28°27'15"S GDA94, east to longitude 140°23'45"E GDA94, north to latitude 28°27'05"S GDA94, east to longitude 140°24'00"E GDA94, north to latitude 28°27'00"S GDA94, east to longitude 140°24'10"E GDA94, north to latitude 28°26'55"S GDA94, east to longitude 140°24'20"E GDA94, and north to the point of commencement.

and

Commencing at a point being the intersection of latitude 28°28'15"S GDA94 and longitude 140°25'10"E GDA94, thence east to longitude 140°25'15"E GDA94, north to latitude 28°28'10"S GDA94, east to longitude 140°25'45"E GDA94, south to latitude 28°28'35"S GDA94, west to longitude 140°25'30"E GDA94, south to latitude 28°28'40"S GDA94, west to longitude 140°25'20"E GDA94, north to latitude 28°28'25"S GDA94, west to longitude 140°25'15"E GDA94, north to latitude 28°28'20"S GDA94, west to longitude 140°25'10"E GDA94, and north to the point of commencement.

and

Commencing at a point being the intersection of latitude 28°19'10"S AGD66 and longitude 140°28'20"E AGD66, thence east to longitude 140°29'50"E AGD66, south to latitude 28°19'30"S AGD66, east to longitude 140°30'00"E AGD66, south to latitude 28°20'25"S AGD66, west to longitude 140°29'45"E AGD66, south to latitude 28°20'35"S AGD66, west to longitude 140°29'05"E AGD66, south to latitude 28°20'40"S AGD66, west to longitude 140°28'50"E AGD66, south to latitude 28°20'50"S AGD66, west to longitude 140°28'30"E AGD66, south to latitude 28°21'40"S AGD66, west to longitude 140°26'40"E AGD66, north to latitude 28°20'10"S AGD66, east to longitude 140°27'50"E AGD66, north to latitude 28°20'05"S AGD66, east to longitude 140°28'00"E AGD66, north to latitude 28°19'55"S AGD66, east to longitude 140°28'10"E AGD66, north to latitude 28°19'30"S AGD66, east to longitude 140°28'20"E AGD66, and north to the point of commencement.

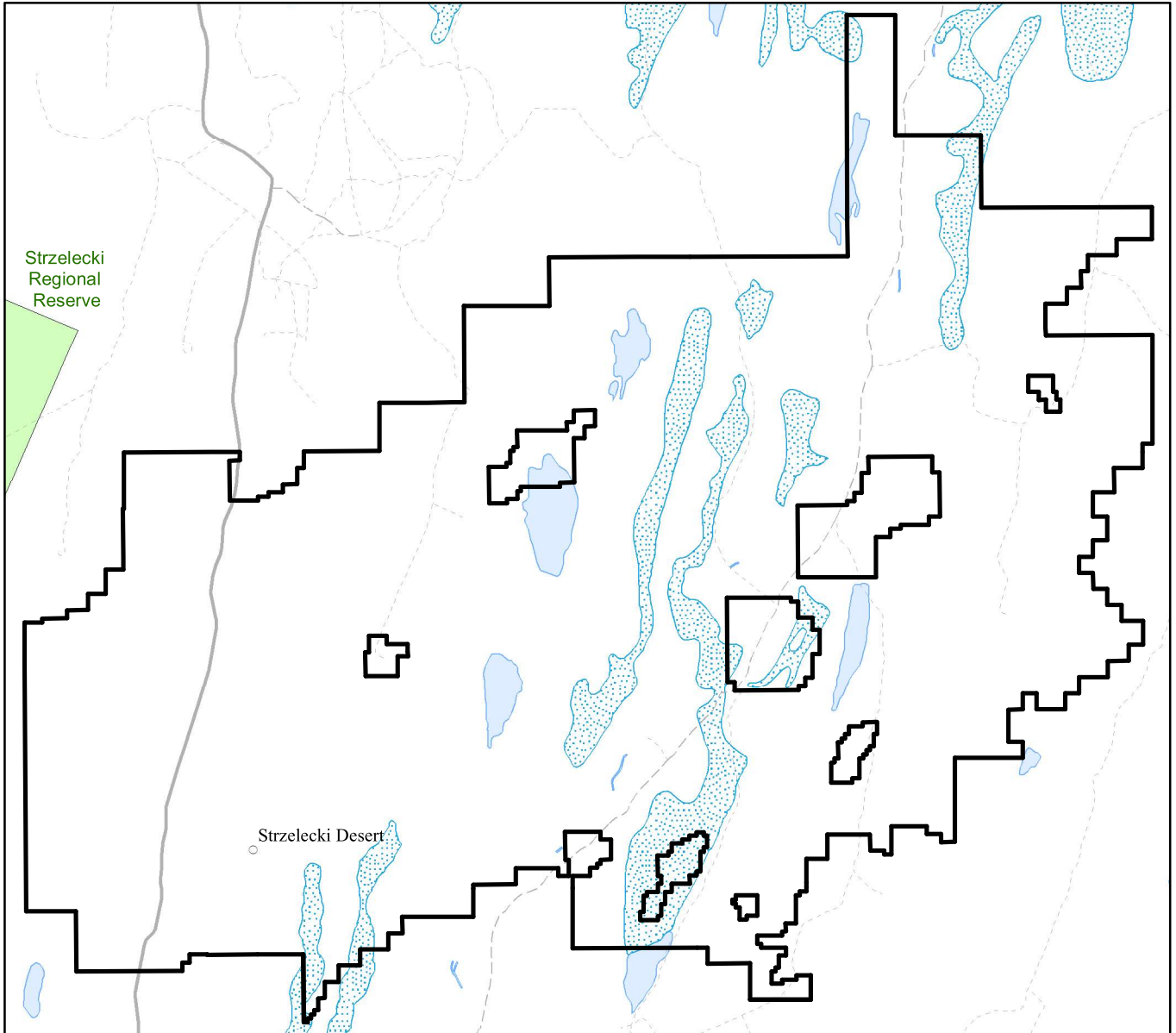
and

Commencing at a point being the intersection of latitude 28°18'25"S GDA94 and longitude 140°22'00"E GDA94, thence west to longitude 140°21'45"E GDA94, south to latitude 28°18'40"S GDA94, west to longitude 140°21'30"E GDA94, south to latitude 28°19'35"S GDA94, west to longitude 140°21'10"E GDA94, south to latitude 28°19'40"S GDA94, west to longitude 140°20'15"E GDA94, south to latitude 28°19'45"S GDA94, west to longitude 140°20'10"E GDA94, south to latitude 28°19'55"S GDA94, west to longitude 140°19'55"E GDA94, south to latitude 28°20'00"S GDA94, west to longitude 140°19'30"E GDA94, north to latitude 28°19'15"S GDA94, east to longitude 140°19'55"E GDA94, north to latitude 28°19'10"S GDA94, east to longitude 140°20'00"E GDA94, north to latitude 28°18'55"S GDA94, east to longitude 140°20'05"E GDA94, north to latitude 28°18'50"S GDA94, east to longitude 140°20'10"E GDA94, north to latitude 28°18'30"S GDA94, east to longitude 140°21'20"E GDA94, north to latitude 28°18'20"S GDA94, east to longitude 140°21'30"E GDA94, north to latitude 28°18'05"S GDA94, east to longitude 140°22'00"E GDA94, and south to the point of commencement.

and

Commencing at a point being the intersection of latitude 28°17'30"S AGD66 and longitude 140°32'05"E AGD66, thence east to longitude 140°32'40"E AGD66, south to latitude 28°17'50"S AGD66, east to longitude 140°32'45"E AGD66, south to latitude 28°18'00"S AGD66, east to longitude 140°32'50"E AGD66, south to latitude 28°18'15"S AGD66, west to longitude 140°32'30"E AGD66, north to latitude 28°18'00"S AGD66, west to longitude 140°32'20"E AGD66, north to latitude 28°17'50"S AGD66, west to longitude 140°32'05"E AGD66, and north to the point of commencement.

AREA: **868** square kilometres approximately.



SCALE 1: 250 000



Note: There is no warranty that the boundary of this licence is correct in relation to other features of the map.
 The boundary is to be ascertained by reference to the Australian Geodetic Datum (AGD66),
 Clarke 1858, Geocentric Datum of Australia (GDA94), Geocentric Datum of Australia (GDA2020) and the schedule.

THE PLAN HEREINBEFORE REFERRED TO

GAS STORAGE RETENTION LICENCE NO: 251