

Description of Areas

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

All coordinates MGA2020, Zone 54

358257.19mE 6951670.89mN
 358748.35mE 6951676.59mN
 358745.76mE 6951900.47mN
 358254.60mE 6951894.79mN
 358257.19mE 6951670.89mN

AREA: **0.110** square kilometres approximately

Dated: 13 April 2023

NICK PANAGOPOULOS
 A/Executive Director
 Energy Resources Division
 Department for Energy and Mining
 Delegate of the Minister for Energy and Mining

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

Grant of Gas Storage Exploration Licences—GSELS 781 and 784

Notice is hereby given that the undermentioned Gas Storage Exploration Licences have been granted with effect from 12 April 2023, under the provisions of the *Petroleum and Geothermal Energy Act 2000*, pursuant to delegated powers dated 29 June 2018.

No of Licence	Licensees	Locality	Date of expiry	Reference
GSEL 781	entX Limited	Polda Basin	11 April 2028	MER-2022/0496
GSEL 784				MER-2022/0522

*Description of Areas***GSEL 781**

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

Commencing at a point being the intersection of latitude 33°20'20"S GDA2020 and longitude 135°07'40"E GDA2020, thence south to latitude 33°29'40"S GDA2020, east to longitude 135°19'45"E GDA2020, south to latitude 33°31'35"S GDA2020, east to longitude 135°54'15"E GDA2020, south to latitude 33°39'50"S GDA2020, west to longitude 135°41'00"E GDA2020, south to latitude 33°45'55"S GDA2020, west to longitude 135°15'35"E GDA2020, north to latitude 33°43'50"S GDA2020, west to longitude 135°10'40"E GDA2020, north to latitude 33°41'45"S GDA2020, west to longitude 135°05'50"E GDA2020, north to latitude 33°39'45"S GDA2020, west to longitude 135°04'00"E GDA2020, north to latitude 33°37'35"S GDA2020, west to longitude 134°59'55"E GDA2020, north to latitude 33°35'35"S GDA2020, west to the line of lowest astronomical tide, then beginning north-easterly along the line of lowest astronomical tide to the western boundary of Lake Newland Conservation Park, then beginning south easterly along the boundary of the said Conservation Park to the line of lowest astronomical tide, then beginning north-easterly along the line of lowest astronomical tide to the western boundary of Lake Newland Conservation Park, then beginning south easterly along the boundary of the said Conservation Park to latitude 33°20'20"S GDA2020 and east to the point of commencement.

But excluding Bascombe Well Conservation Park

AREA: **2082** square kilometres approximately.

GSEL 784

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

Commencing at a point being the intersection on the line of lowest astronomical tide and latitude 33°36'45"S GDA2020, thence generally north-westerly along the line of lowest astronomical tide to latitude 33°35'35"S GDA2020, east to longitude 134°59'55"E GDA2020, south to latitude 33°37'35"S GDA2020, east to longitude 135°04'00"E GDA2020, south to latitude 33°39'45"S GDA2020, east to longitude 135°05'50"E GDA2020, south to latitude 33°41'45"S GDA2020, east to longitude 135°10'40"E GDA2020, south to latitude 33°43'50"S GDA2020, east to longitude 135°15'35"E GDA2020, south to latitude 33°45'55"S GDA2020, east to longitude 135°41'00"E GDA2020, north to latitude 33°39'50"S GDA2020, east to longitude 135°54'15"E GDA2020, north to latitude 33°31'35"S GDA2020, west to longitude 135°19'45"E GDA2020, north to latitude 33°29'40"S GDA2020, west to longitude 135°07'40"E GDA2020, north to latitude 33°20'20"S GDA2020, west to the eastern boundary of Lake Newland Conservation Park, then beginning north-westerly along the boundary of the said Conservation Park to the line of lowest astronomical tide, then beginning north-westerly along the line of lowest astronomical tide to latitude 33°17'17"S GDA2020, east to longitude 134°52'45"E GDA2020, north to latitude 33°16'00"S GDA2020, east to longitude 135°00'50"E GDA2020, north to the southern boundary of Kulliparu Conservation park, then beginning north-easterly along the boundary of the said Conservation Park to latitude 33°13'45"S GDA2020, east to longitude 135°17'35"E GDA2020, south to the northern boundary of Cocata Conservation Park, then beginning south-westerly along the boundary of the said Conservation Park to longitude 135°17'35"E GDA2020, south to latitude 33°22'00"S GDA2020, west to longitude 135°12'35"E GDA2020, south to latitude 33°22'50"S GDA2020, west to longitude 135°10'50"E GDA2020, south to latitude 33°25'40"S GDA2020, east to longitude 135°12'35"E GDA2020, south to latitude 33°26'20"S GDA2020, east to longitude 135°29'35"E GDA2020, south to latitude 33°27'50"S GDA2020, east to the western boundary of Barwell Conservation Park, then beginning southerly along the boundary of the said Conservation Park to latitude 33°27'50"S GDA2020, east to the western boundary of Hambidge Wilderness Area, then beginning southerly along the boundary of the said Wilderness Area to latitude 33°29'10"S GDA2020, east to longitude 136°08'50"E GDA2020, south to latitude 33°31'05"S GDA2020, east to longitude 136°11'30"E GDA2020, south to latitude 33°33'25"S GDA2020, east to longitude 136°13'10"E GDA2020, south to latitude 33°34'50"S GDA2020, east to longitude 136°13'45"E GDA2020, south to latitude 33°39'00"S GDA2020, west to longitude 136°13'10"E GDA2020, south to latitude 33°41'40"S GDA2020, west to longitude 136°07'05"E GDA2020, south to latitude 33°42'50"S GDA2020, west to longitude 135°54'25"E GDA2020, south to latitude 33°43'45"S GDA2020, west to longitude 135°49'30"E GDA2020, south to latitude 33°45'05"S GDA2020, west to longitude 135°46'50"E GDA2020, south to latitude 33°46'10"S GDA2020, west to longitude 135°44'55"E GDA2020, south to latitude 33°47'45"S GDA2020, west to longitude 135°39'10"E GDA2020, south to the northern boundary of Peachna Conservation Park, then beginning westerly along the boundary of the said Conservation Park to latitude 33°50'40"S GDA2020, west to

longitude 135°19'40"E GDA2020, north to latitude 33°49'05"S GDA2020, west to longitude 135°16'30"E GDA2020, north to latitude 33°47'20"S GDA2020, west to longitude 135°10'35"E GDA2020, north to latitude 33°45'05"S GDA2020, west to longitude 135°07'00"E GDA2020, north to latitude 33°43'05"S GDA2020, west to longitude 135°04'00"E GDA2020, north to latitude 33°41'10"S GDA2020, west to longitude 135°01'50"E GDA2020, north to latitude 33°39'00"S GDA2020, west to longitude 134°58'20"E GDA2020, north to latitude 33°36'45"S GDA2020 and west to the point of commencement.

But excluding Cocata Conservation Park (Allotment 55 in Deposited Plan 26400)

AREA: **2350** square kilometres approximately.

Dated: 12 April 2023

NICK PANAGOPOULOS
A/Executive Director
Energy Resources Division
Department for Energy and Mining
Delegate of the Minister for Energy and Mining

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

Statement of Environmental Objectives—5 Year Review

PURSUANT to section 104(1) of the *Petroleum and Geothermal Energy Act 2000* (the Act) I, **Nick Panagopoulos**, A/Executive Director Energy Resources Division, Department for Energy and Mining do hereby publish the following document as having been approved as a statement of environmental objectives under the Act.

Documents:

- Epic Energy, South East Pipeline System Statement of Environmental Objectives, March 2023

This document is available for public inspection on the Environmental Register section of the following webpage - (<https://www.energymining.sa.gov.au/industry/energy-resources/regulation/environmental-register>) or at the Public Office determined pursuant to section 107 (1) of the Act to be at:

Energy Resources Division
Customer Services
Level 4
11 Waymouth Street
Adelaide SA 5000

Dated: 20 April 2023

NICK PANAGOPOULOS
A/Executive Director
Energy Resources 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 EXPLORATION LICENCES
GSELS 781 and 784

1. These licences granted with effect from 12 April 2023 are hereby entered on the public register.
2. Interests in the licences are:

entX Limited

100%



NICK PANAGOPOULOS
A/Executive Director
Energy Resources Division
Department for Energy and Mining
Delegate of the Minister for Energy and Mining

Date: 12 April 2023

Ref: MER-2022/0496
MER-2022/0522

Petroleum and Geothermal Energy Act 2000

GAS STORAGE EXPLORATION LICENCE

GSEL 784

I, NICK PANAGOPOULOS, Acting Executive Director, Energy Resources 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 29 June 2018, HEREBY GRANT to:

entX Limited
ACN 164 573 728

(hereinafter referred to as the Licensee) an Exploration Licence in relation to a natural reservoir for the purpose of gas storage in respect of the area set out below, to have effect for a period of five years and to expire on **11 April 2028** 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, however regulated activities under the Act are not permitted on the following surface locations within the land;

Land that is lawfully and genuinely used as:

- an airfield, railway or tramway;
- the grounds of a church, chapel, school, hospital or institution; and
- any parcel of land within any city, town or township or within 400 meters of a building or structure used as a place of residence.

CONDITIONS

1. During the term of the licence, the Licensee shall carry out or cause to be carried out, exploratory operations on the area comprised in the licence in accordance with such work programs as are approved by the Minister from time to time. Year one exploratory operations are guaranteed, and any subsequent licence year work program becomes guaranteed upon entry into any such licence year. These exploratory operations shall include but not necessarily be limited to:-

Year of Term of Licence	Minimum Work Requirements
One	<ul style="list-style-type: none">• Geological and geophysical studies.
Two	<ul style="list-style-type: none">• Geological and geophysical studies.
Three	<ul style="list-style-type: none">• Geological and geophysical studies.
Four	<ul style="list-style-type: none">• Geological and geophysical studies.
Five	<ul style="list-style-type: none">• Drill one well.

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 Licensee's demonstrated competence to comply with the requirements of the Act and the conditions of this Licence, the activities should be classified as requiring low level official 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. In the event that the Licensee during any year of the term of this licence fails to comply with the work program requirements of this licence, it is an express term of this licence that the Minister may, at his discretion, either cancel this licence or authorise such variation to these requirements as the Minister thinks fit.
4. The Licensee 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 Licensee for a sum not less than twenty million dollars (\$20,000,000.00) or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may from time to time require;
 - (b) maintain in force during the drilling of any well or operation in any well, control of well insurance in the name of the Licensee for a sum not less than ten million dollars (\$10,000,000.00) or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may from time to time 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 Licensee 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 licensee to transfer or accept liability for any well or facility constructed for the purpose of undertaking a regulated activity under the *Petroleum Act 1940* or *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.
8. The Licensee 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").

 - 8.1 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.
- 8.2 Interest will not be payable by the Minister to the Licensee on any cash Security.
- 8.3 All charges incurred by the Licensee in obtaining and maintaining the Security, shall be met by the Licensee.
- 8.4 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 Licensee.

Date: 12 April 2023



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NICK PANAGOPOULOS
A/Executive Director
Energy Resources Division
Department for Energy and Mining
Delegate of the Minister for Energy and Mining

EXECUTED BY THE LICENSEE:

EXECUTED by entX Limited (ACN 164 573 728)
in accordance with Section 127 of the
Corporations Act 2001 (Cth):



.....
Signature of Director



.....
Signature of Director/Secretary*

BRYN JONES

.....
[Print Name of Director]

DAMIEN CONNOR

.....
[Print Name of Director/Secretary*]
(*delete the inapplicable)

31/3/2023

.....
Date

THE SCHEDULE

GAS STORAGE EXPLORATION LICENCE

GSEL 784

DESCRIPTION OF AREA

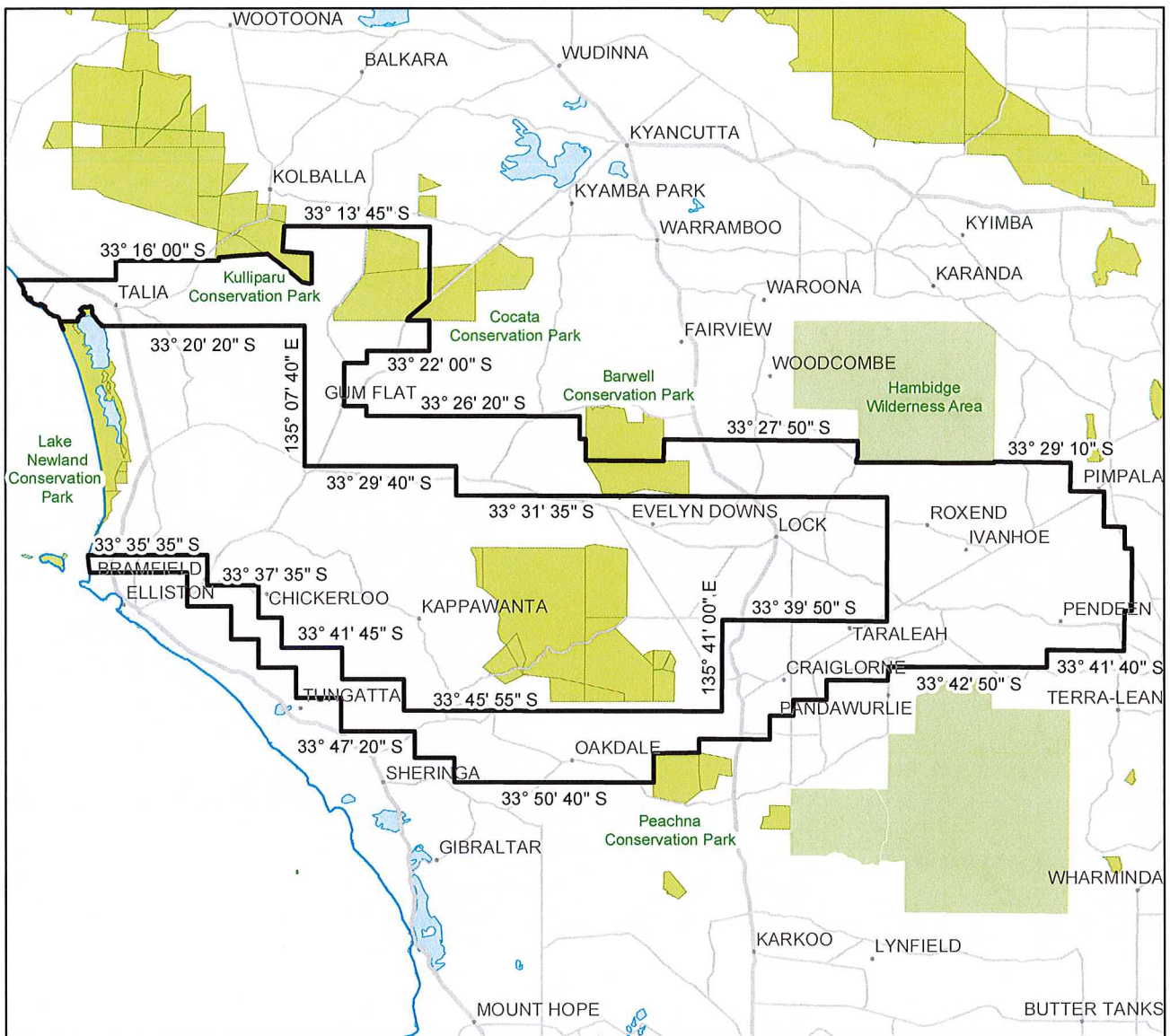
All that part of the State of South Australia, bounded as follows:-

Commencing at a point being the intersection on the line of lowest astronomical tide and latitude 33°36'45"S GDA2020, thence generally north-westerly along the line of lowest astronomical tide to latitude 33°35'35"S GDA2020, east to longitude 134°59'55"E GDA2020, south to latitude 33°37'35"S GDA2020, east to longitude 135°04'00"E GDA2020, south to latitude 33°39'45"S GDA2020, east to longitude 135°05'50"E GDA2020, south to latitude 33°41'45"S GDA2020, east to longitude 135°10'40"E GDA2020, south to latitude 33°43'50"S GDA2020, east to longitude 135°15'35"E GDA2020, south to latitude 33°45'55"S GDA2020, east to longitude 135°41'00"E GDA2020, north to latitude 33°39'50"S GDA2020, east to longitude 135°54'15"E GDA2020, north to latitude 33°31'35"S GDA2020, west to longitude 135°19'45"E GDA2020, north to latitude 33°29'40"S GDA2020, west to longitude 135°07'40"E GDA2020, north to latitude 33°20'20"S GDA2020, west to the eastern boundary of Lake Newland Conservation Park, then beginning north-westerly along the boundary of the said Conservation Park to the line of lowest astronomical tide, then beginning north-westerly along the line of lowest astronomical tide to latitude 33°17'17"S GDA2020, east to longitude 134°52'45"E GDA2020, north to latitude 33°16'00"S GDA2020, east to longitude 135°00'50"E GDA2020, north to the southern boundary of Kulliparu Conservation park, then beginning north-easterly along the boundary of the said Conservation Park to latitude 33°13'45"S GDA2020, east to longitude 135°17'35"E GDA2020, south to the northern boundary of Cocata Conservation Park, then beginning south-westerly along the boundary of the said Conservation Park to longitude 135°17'35"E GDA2020, south to latitude 33°22'00"S GDA2020, west to longitude 135°12'35"E GDA2020, south to latitude 33°22'50"S GDA2020, west to longitude 135°10'50"E GDA2020, south to latitude 33°25'40"S GDA2020, east to longitude 135°12'35"E GDA2020, south to latitude 33°26'20"S GDA2020, east to longitude 135°29'35"E GDA2020, south to latitude 33°27'50"S GDA2020, east to the western boundary of Barwell Conservation Park, then beginning southerly along the boundary of the said Conservation Park to latitude 33°27'50"S GDA2020, east to the western boundary of Hambidge Wilderness Area, then beginning southerly along the boundary of the said Wilderness Area to latitude 33°29'10"S GDA2020, east to longitude 136°08'50"E GDA2020, south to latitude 33°31'05"S GDA2020, east to longitude 136°11'30"E GDA2020, south to latitude 33°33'25"S GDA2020, east to longitude 136°13'10"E GDA2020, south to latitude 33°34'50"S GDA2020, east to longitude 136°13'45"E GDA2020, south to latitude 33°39'00"S GDA2020, west to longitude 136°13'10"E GDA2020, south to latitude 33°41'40"S GDA2020, west to longitude 136°07'05"E GDA2020, south to latitude 33°42'50"S GDA2020, west to longitude 135°54'25"E GDA2020, south to latitude 33°43'45"S GDA2020, west to longitude 135°49'30"E GDA2020, south to latitude 33°45'05"S GDA2020, west to longitude 135°46'50"E GDA2020, south to latitude 33°46'10"S GDA2020, west to longitude 135°44'55"E GDA2020, south to latitude 33°47'45"S GDA2020, west to longitude 135°39'10"E GDA2020, south to the northern boundary of Peachna Conservation Park, then beginning westerly along the boundary of the said Conservation Park to latitude 33°50'40"S GDA2020, west to longitude 135°19'40"E GDA2020, north to latitude 33°49'05"S GDA2020, west to longitude 135°16'30"E GDA2020, north to latitude 33°47'20"S GDA2020, west to longitude 135°10'35"E GDA2020, north to latitude 33°45'05"S GDA2020, west to longitude 135°07'00"E GDA2020, north to latitude 33°43'05"S GDA2020, west to longitude 135°04'00"E GDA2020, north to latitude 33°41'10"S GDA2020, west to longitude 135°01'50"E GDA2020, north to latitude 33°39'00"S GDA2020, west to longitude

134°58'20"E GDA2020, north to latitude 33°36'45"S GDA2020 and west to the point of commencement.

But excluding Cocata Conservation Park (Allotment 55 in Deposited Plan 26400)

AREA: **2350** square kilometres approximately.



SCALE 1:800,000



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 Geocentric Datum of Australia (GDA2020) and the schedule.

THE PLAN HEREINBEFORE REFERRED TO
GAS STORAGE EXPLORATION LICENCE NO: 784



MER-2022/0522

AREA: 2350 sq km (approx)