



# Annual Report

## Gas Storage Exploration Licence (GSEL) 645

---

Cooper Basin, South Australia

Term 2, Year 2 - 15 October 2020 to 14 October 2021

---

Date	December 2021
------	---------------

Distribution	Department for Energy and Mining
--------------	----------------------------------

---

---

## Contents

---

1	Introduction	3
2	Licence Summary	3
3	Regulated Activities	3
4	Compliance Issues	4
	4.1 Licence and Regulatory Compliance	4
	4.2 Compliance with Statement of Environmental Objectives (SEO)	4
5	Management System Audits	4
6	Report and Data Submissions	4
7	Incidents	5
8	Threat Prevention	5
9	Future Work Program	5
10	Expenditure Statement	5

## 1 Introduction

Gas Storage Exploration Licence (GSEL) 645 is located in the Cooper Basin, South Australia.

The Annual Report for GSEL 645 details the work conducted during Licence Year 2 of the second term, which corresponds to the period 15 October 2020 to 14 October 2021. The Annual Report is prepared to comply with the Regulation 33 of the *Petroleum and Geothermal Energy Act 2000* (the Act).

## 2 Licence Summary

GSEL 645 was granted on 15 October 2014 for a period of five years and was renewed effective 15 October 2019 for a further five years. The current holders of GSEL 645 are:

- Beach Energy Ltd (Operator) 25%
- Great Artesian Oil and Gas Pty Ltd 45%
- Drillsearch Gas Pty Ltd 30%

The area of GSEL 645 overlays the area covered by PRL 26 (Udacha Unit) in the Cooper Basin.

The licence condition 1 for the first term of GSEL 645 requires the licensees to carry out the following approved work program.

GSEL 645 Work Program by Licence Year			
Licence Year	Start Date	End Date	Minimum Work Requirements
1	15 October 2019	14 October 2020	Geological and geophysical studies
2	15 October 2020	14 October 2021	Geological and geophysical studies
3	15 October 2021	14 October 2022	Geological and geophysical studies
4	15 October 2022	14 October 2023	Geological and geophysical studies
5	15 October 2023	14 October 2024	Geological and geophysical studies

## 3 Regulated Activities

Pursuant to Regulations 33(3)(a) An annual report must include -

“a summary of the regulated activities conducted under the licence during the Year”

No regulated activities were conducted under GSEL 645 during the reporting period.

## 4 Compliance Issues

Pursuant to Regulations 33(3)(b) & (c) An annual report must include -

“a report for the Year on compliance with the Act, these regulations, the licence and any relevant statement of environmental objectives:” and

“a statement concerning any action to rectify non-compliance with obligations imposed by the Act, these regulations or the licence, and to minimise the likelihood of recurrence of any such non-compliances.”

### 4.1 Licence and Regulatory Compliance

There were no instances of non-compliance with the Act, the Petroleum and Geothermal Energy Regulations 2013 (the **Regulations**) or the Licence Conditions during this reporting period.

### 4.2 Compliance with Statement of Environmental Objectives (SEO)

As no on-ground activities were undertaken during the annual reporting period, there were no instances of non-compliance with the SEO.

## 5 Management System Audits

Pursuant to Regulation 33(3)(d) An annual report must include-

“a summary of any management system audits undertaken during the relevant licence Year including information on any failure or deficiency identified by the audit and any corrective actions that has, or will be taken”.

No management system audits specific to GSEL 645 were undertaken during the licence year.

## 6 Report and Data Submissions

Pursuant to Regulation 33(3)(e)(i) An annual report must include -

“a list of all reports and data relevant to the operation of the Act generated by the licensee during the licence Year”.

Annual Report (Regulation 33)			
Description of Report/Data	Date Due	Date Submitted	Compliant
GSEL 645 Annual Report – Term 2, Year 1	14 December 2020	9 December 2020	Yes

## 7 Incidents

---

Pursuant to Regulation 33(3)(f) An annual report must include -

“In relation to any incidents reported to the Minister under the Act and these Regulations during the relevant Licence Year -

- (i) an overall assessment and analysis of the incidents, including the identification and analysis of any trends that have emerged; and
  - (ii) an overall assessment of the effectiveness of any action taken to rectify non-compliance with obligations imposed by the Act, these regulations or the licence, or to minimise the risk of recurrence of any such non-compliance”.
- 

There were no reportable or serious incidents during the reporting period, in accordance with the definitions provided in Section 85(1) and Regulation 32 (1) of the Act.

## 8 Threat Prevention

---

Pursuant to Regulation 33(3)(g) An annual report must include -

“a report on any reasonably foreseeable threats (other than threats previously reported on) that reasonably present, or may present, a hazard to facilities or activities under the licence, and a report on any corrective action that has, or will be taken”.

---

There are no new threats to report.

## 9 Future Work Program

---

Pursuant to Regulation 33(3)(h) An annual report must include -

“unless the relevant licence Year is the last Year in which the licence is to remain in force - a statement outlining operations proposed for the ensuing Year”.

---

Future work will be conducted to evaluate the nature and commercial feasibility of gas storage in the area of GSEL 645.

## 10 Expenditure Statement

---

Pursuant to Regulation 33(4)

“An annual report must be accompanied by a statement of expenditure on regulated activities conducted under the licence for the relevant licence Year.”

---

Please refer to Appendix 1 for the expenditure statement for the current reporting period