



Annual Report

Gas Storage Exploration Licence (GSEL) 648

Cooper Basin, South Australia

Term 2, Permit Year 2 (14 November 2020 to 13 November 2021)

Date January 2022

Distribution Department for Energy and Mining, South Australia

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1 Introduction

Gas Storage Exploration Licence (GSEL) 648 is located in the Cooper Basin, South Australia.

The Annual Report for GSEL 648 details the work conducted during Licence Year two of the second term, which corresponds to the period 14 November 2020 to 13 November 2021. The Annual Report is prepared to comply with Regulation 33 of the *Petroleum and Geothermal Energy Act 2000* (the Act).

2 Licence Summary

GSEL 648 was granted on 14 November 2014 for a period of five years to:

- Beach Energy Ltd 40%
- Great Artesian Oil & Gas Pty Ltd 60%

GSEL 648 was renewed on 30 October 2019 for a further five years and is now due to expire on 13 November 2024.

The area of GSEL 648 overlays the area covered by Petroleum Retention Leases (PRLs) 151 to 171 (formerly PEL 91) in the Cooper Basin.

The licence condition 1 for the second term of GSEL 648 requires the licence to carry out the approved work program as summarised in the following table.

GSEL 648 Work Program by Licence Year, Term 2			
Licence Year	Start Date	End Date	Minimum Work Requirements
1	14 November 2019	13 November 2020	Geological and geophysical studies
2	14 November 2020	13 November 2021	Geological and geophysical studies
3	14 November 2021	13 November 2022	Geological and geophysical studies
4	14 November 2022	13 November 2023	Geological and geophysical studies
5	14 November 2023	13 November 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 648 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 648 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 648 Annual Report Term 2 Year 1	13 January 2021	8 January 2021	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".
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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 within GSEL 648 during the reporting period.

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".

Desktop studies will be conducted to evaluate the nature and commercial feasibility of gas storage in the area of GSEL 648.

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.