

Grand Gulf Energy Limited

Non-Energy Minerals – He

GGE A\$0.029

Grand Gulf Energy Ltd (GGE) is an independent exploration and production company, headquartered in Australia, with operations and exploration in North America. The Red Helium project represents a strategic pivot to a pure-play helium exploration project, located in Paradox Basin, Utah, in the prolific Four Corners region.

Company Data

Number of shares	1,546.6M
Market Capitalisation (\$m)	35.6
Free float (%)	N/A
12-month high/low	\$0.059/\$0.01
Average Daily Turnover (\$m)	0.3
% S&P/ASX200	0.002%
DDM Ranking	N/A
% All Ordinaries	0.002%
GICS Industry Group	Mining

Source: FactSet, BPC

Recoverable Helium

1U (P90) 7.9
2U (P50) 20.8
3U (P10) 57.6

Share Price Performance



Source: FactSet, Barclay Pearce Capital

Jesse#1A Confirms Helium Discovery

On 29th of June 2022, Grand Gulf Energy Limited (GGE) announced an update at its Red Helium Project, with the following highlights:

Highlights:

- Multiple well head samples confirm helium concentrations consistently in the range of 0.44% - 0.65% helium, indicating the presence of a working helium reservoir;
- Carbon dioxide concentrations in the range 59% - 65% were significantly lower than pre-drill expectations of 85%, which is a material positive to the project economics, with the bulk of the remaining gas being nitrogen;
- Bottomhole pressure gauges during the flow-back indicate a reservoir pressure of 2280 psia, in line with pre-drill virgin pressure modelling;
- Due to the formation water ingress, and the reservoir pressures being sub-hydrostatic, the well was unable to be stably flowed without using air lift or first removing the load water; and
- Workover rig demobilized whilst well design options to enable gas production are considered.

MD comment:

GGE MD, Dane Lance, commented: "Helium grades above expectation and the identification of a working helium reservoir at appreciable pressure confirm a helium discovery at the Red Helium Project. Jesse#1A is essentially a wildcat well in a new prospect and the Company is thrilled with the outcome and looks forward to the design and implementation of a well configuration that will potentially facilitate the flow of raw gas to surface."

BPC comment:

GGE's recent exploration at the Jesse#1A well has resulted in a helium concentration discovery of up to 0.65% He. Planning and equipment resourcing is currently underway to re-enter the well and test for a commercially viable flow rate. Scheduling is expected early to mid Q3 CY2022.

Russell Wright

29 June 2022

russell@barclaypearce.com.au

Barclay Pearce Capital Management

Level 17, 115 Pitt St Sydney NSW 2000

www.barclaypearce.com.au

ACN: 619 189 847

AFSL: 503 261

Tel: (61) 2 8288 6900

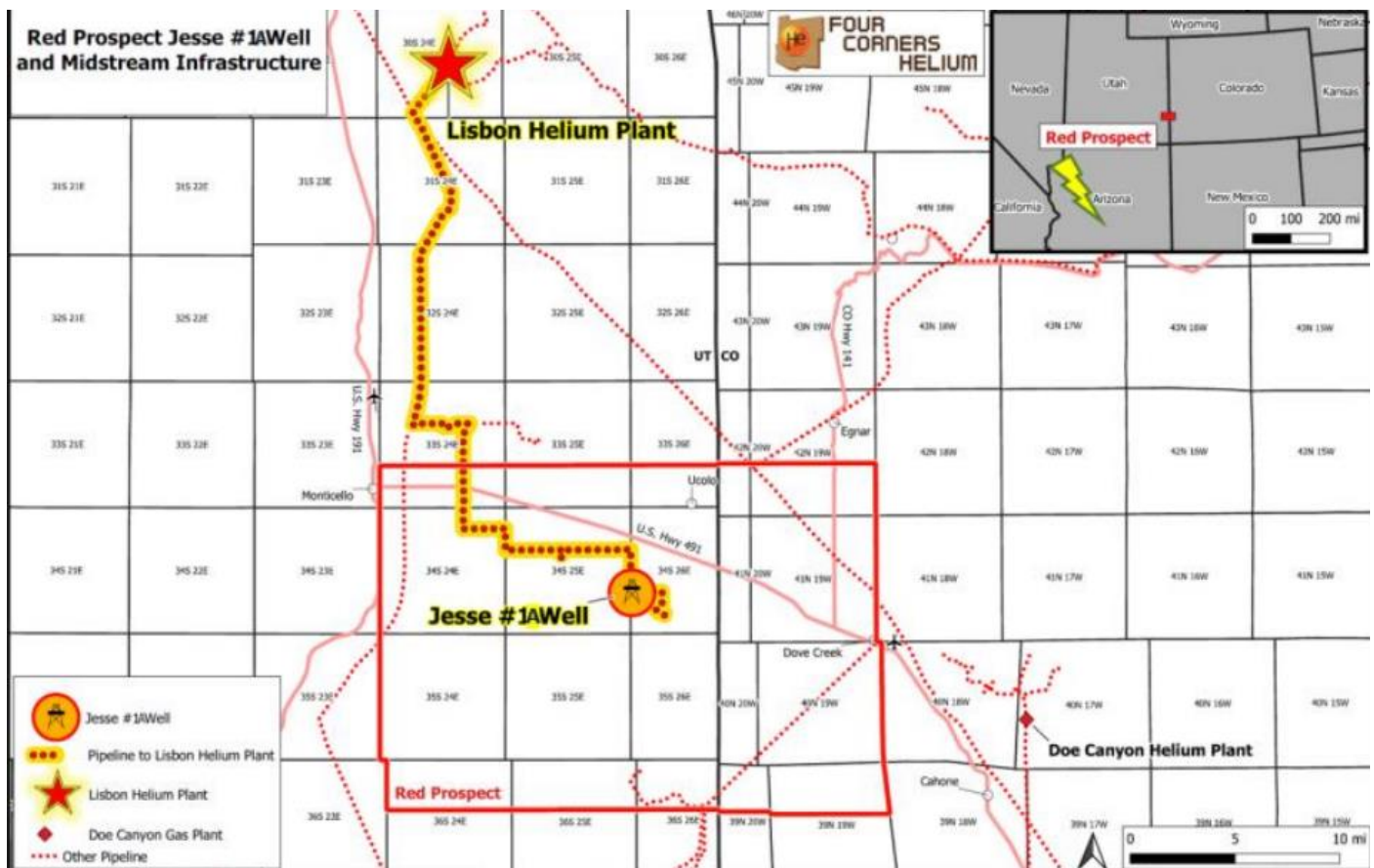
Appendix A.

GGE Recoverable Helium

Recoverable helium (bcf)	P90 (1U)	P50 (2U)	P10 (3U)
Gross to Valence (28,046 gross acres)	7.6	10.9	12.9
Net to Valence (18,959 net acres)	5.2	7.4	8.5
Net to GGE (earning 85% of Valence)	4.4	6.3	7.2
Red Project Total	7.9	20.8	57.6

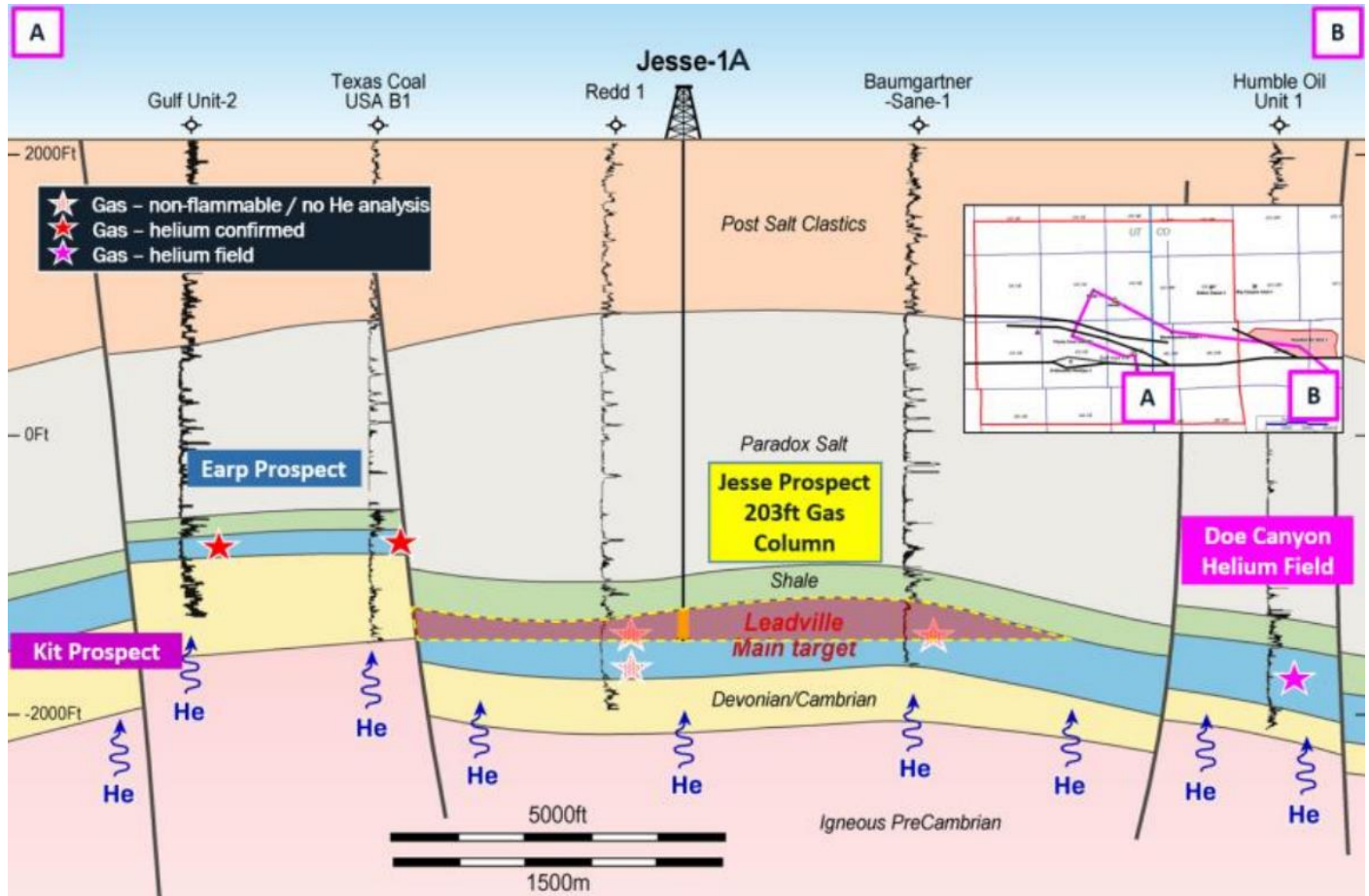
Appendix B.

Jesse#1A location in the Valence AMI containing the Red Helium project with local pipelines showing the gas transport route to the Lisbon Helium Plant.



Appendix C.

Stylised cross section showing Jesse#1A, Doe Canyon helium field and historic gas samples



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Hold – Describes stocks that are neither a buy nor underperform.

Underperform – Describes stocks that we expect to provide a total return (price appreciation plus net yield) of less than minus 10% within a 12-month period.

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Hold	22.8%	0.0% of stocks with recommendations are Barclay Pearce clients)
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