Research as a Service

Flash Comment

9 October 2026

D3 Energy Limited

The 'big step-out' confirms world class helium grades

D3 Energy Limited (ASX:D3E) remains a compelling and highly leveraged investment play on natural gas and helium prospectivity in South Africa and Australia. The drilling campaign being conducted across ER315 represents a big and bold step out, being some 43km NW of the PR016 - Production Right Application (PRA) area. Importantly, initial world class helium concentrations of 5.2% support the geological model of 'scale on a regional basis', offsetting the unexpected water issues encountered in the wells. We note that further remedial works are in train with flow testing required before any resource certification. Whilst the presence of deeper water zones adds a layer of complication, it demonstrates that whilst the magneto-telluric (MT) surveys are demonstrating a strong correlation in identifying the presence of gas, geology doesn't always co-operate. We would highlight though, that water is an engineering problem…flow rates will be the determinant of commerciality. In parallel, the company has also announced it has been awarded five new Technical Cooperation Permits (TCP) contiguous to existing tenements, encompassing some 47,000 acres and across the prospective structural trends already identified from existing discoveries. The critically important near-term re-rating point is testing to underpin reserves upgrades and better define the commercial case, in which we retain a high degree of confidence. Adding to the continuing progress, the company has been awarded Strategic Integrated Project Status covering ER315 and PR016. Given the critical nature of gas supply, it's not surprising that the proposed production project has been granted this designation, intended to *"…support projects of strategic importance to* () *economic development and energy security"*. The squeeze on global helium and South African gas supply will not be resolved quickly and continues to support our view of D3E as an emerging new, independent producer in waiting. We expect the Middle East helium supply-constraint to persist perhaps through the next five years, so the commercial window is well and truly open. The company is progressing its PRA, seeking commercial resolution to support a FID decision, sometime in early 2027. We consider D3 Energy to be a niche opportunity in the global energy landscape, tapping into an overlooked helium and gas plays with project sanction within 12 months.

Business model

D3 Energy is a leveraged play on the natural gas supply and energy self-sufficiency strategy of South Africa and emerging helium potential of assets in South Australia. Recent political and commercial events, gas sales and merger plans have reset the macro conditions of the helium industry, notably providing definitive valuation and economic benchmarks. This simply highlights the investment proposition of D3E on a direct look-through basis as the most advanced primary (new) helium project in Africa, being positioned strongly as a mid-term supply entrant with the potential to take a project sanction in early 2027.

"…there be (world-class) helium in yonder wells"

The drilling of the NGT 245E | 245D wells has been a success in recording gas to surface. The unexpected complication from deeper water zones just goes to demonstrate that geology can deliver surprises, but water is an engineering problem. We note early sampling results indicate helium concentrations of c.5.2%, very much in line with data from legacy wells and suggests confirmation of a world-class play on a regional basis, complemented by the addition of five new TCP areas. More remedial work is being undertaken and flow rate data is required to support potentially material reserves and resources upgrades. Extending the gas prospectivity >40km to the north broadly indicates the success-case could potentially be transformational. There's much more to deliver over the next six months.

NAV is unchanged with a mid-point of $2.77/share

Our NAV remains unchanged at this stage pending better definition of the northern gas potential and stronger commercial definition that can materially adjust risk weightings as currently applied. The valuation ranges from $2.18-2.96/share with a mid-point of $2.77/share. The production case is heading towards project approval and validation over the next six months or so pending increased definition on the commercial options.

Share Details

ASX code	D3E
Share price (8-Oct)	$0.30
Market capitalisation	$46M
Shares on issue	152M
Cash est 30-June	~$7M
Free float	~40.5%
Avg daily volume (12-mths)	0.071M

Share Price Performance (12-months)

Upside Case

- Success from pending South African drilling and testing to confirm continuity and deliverability of the gas reserves area and helium concentrations
- Granting of the PRA and rapid progress to project sanction
- On a longer-term basis, drilling of the Hydrohelix Prospect as a test of the South Australian helium prospectivity

Downside Case

- Future well results disappoint and point to more complex structuring and geology…complexity equals cost
- Delays in the regulatory process push back to nominal timing
- Analogue (Virginia) production plant under-performs

Catalysts

- Flow test data from the current drilling campaign confirming concentrations, productivity and reserves upgrades
- Regulatory approvals and completion of FEED studies
- Financing and FID

Company Contact

David Casey (CEO) +61 2 8072 1400

admin@d3energy.com.au

RaaS Contacts

Andrew Williams +61 417 880 680

andrew.williams@raasgroup.com

FINANCIAL SERVICES GUIDE

RaaS Research Group Pty Ltd

ABN 99 614 783 363

Corporate Authorised Representative, number 1248415, of

BR SECURITIES AUSTRALIA PTY LTD; ABN 92 168 734 530; AFSL 456663

Effective Date: 26th March 2024

About Us

BR Securities Australia Pty Ltd (BR) is the holder of Australian Financial Services License ("AFSL") number 456663.
RaaS Research Group Pty Ltd (RaaS) is an Authorised Representative (number 1248415) of BR.
This Financial Service Guide (FSG) is designed to assist you in deciding whether to use RaaS's services and includes such things as who we are, our services, how we transact with you, how we are paid, and complaint processes

Contact Details, BR and RaaS
BR Head Office: Levels 2, Quay Quarter Tower, 50 Bridge Street, Sydney, NSW, 2000.
www.brsecuritiesaustralia.com.au
RaaS:. c/- Rhodes Docherty & Co Pty Ltd, Suite 1, Level 1, 828 Pacific Highway, Gordon, NSW, 2072.
P: +61 414 354712
E: finola.burke@raasgroup.com
RaaS is the entity providing the authorised AFSL services to you as a retail or wholesale client.

What Financial Services are we authorised to provide? RaaS is authorised to

- provide general advice to retail and wholesale clients in relation to
  - Securities

The distribution of this FSG by RaaS is authorized by BR.

Our general advice service

Please note that any advice given by RaaS is general advice, as the information or advice given will not take into account your particular objectives, financial situation or needs. You should, before acting on the advice, consider the appropriateness of the advice, having regard to your objectives, financial situation and needs. If our advice relates to the acquisition, or possible acquisition, of a particular financial product you should read any relevant Prospectus, Product Disclosure Statement or like instrument. As we only provide general advice we will not be providing a Statement of Advice. We will provide you with recommendations on securities. If you are an inexperienced investor please seek advice from a personal adviser to assess the suitability of our recommendations for you. Personal advice legislation also provides better protections for you.

How are we paid?

RaaS earns fees for producing research reports about companies we like, and/or producing a financial model as well. When the fee is derived from a company, this is clearly highlighted on the front page of the report and in the disclaimers and disclosures section of the report. Sometimes we write reports using our own initiative.

Associations and Relationships

BR, RaaS, its directors and related parties have no associations or relationships with any product issuers other than when advising retail clients to invest in managed funds when the managers of these funds may also be clients of BR. RaaS's representatives may from time-to-time deal in or otherwise have a financial interest in financial products recommended to you but any material ownership will be disclosed to you when relevant advice is provided.

Complaints

If you have a complaint about our service, you should contact your representative and tell them about your complaint. The representative will follow BR's internal dispute resolution policy, which includes sending you a copy of the policy when required to. If you aren't satisfied with an outcome, you may contact AFCA, see below.
BR is a member of the Australian Financial Complaints Authority (AFCA). AFCA provide fair and independent financial services complaint resolution that is free to consumers.

Website: www.afca.org.au; Email: info@afca.org.au; Telephone: 1800931678 (free call)
In writing to: Australian Financial Complaints Authority, GPO Box 3, Melbourne, VIC, 3001.

Professional Indemnity Insurance

BR has in place Professional Indemnity Insurance which satisfies the requirements for compensation under s912B of the Corporations Act and that covers our authorized representatives.

DISCLAIMERS and DISCLOSURES

This report has been prepared and issued by RaaS Research Group Pty Ltd on behalf of D3 Energy Limited. RaaS Research Group has been paid a fee by D3 Energy Australia to prepare this report. RaaS Research Group does not engage in capital raisings, nor does it engage in share broking or provide investor relations services. RaaS Research Group's only source of income is the fees it is paid for its research services. RaaS Research Group's principals, employees and associates may hold shares in companies that are covered and, if so, this will be clearly stated on the front page of each report.

This research is issued in Australia by RaaS Research Group and any access to it should be read in conjunction with the Financial Services Guide on the preceding two pages. All information contained in this report is based on publicly available sources and/or our analysis, but we do not represent that it is accurate or complete. RaaS Research Group does not cover the mentioned company as part of its regular research coverage, and this report should not be construed as a recommendation or opinion on the securities of the subject company. By accepting this report, the recipient agrees not to forward, reproduce, or disclose its contents to any unauthorized person or entity. Any unauthorized use, dissemination, or copying is strictly prohibited.

Opinions contained in this report represent those of the principals of RaaS Research Group at the time of publication. RaaS Research Group provides this financial advice as an honest and reasonable opinion held at a point in time about an investment's risk profile and merit and the information is provided by the RaaS Research Group in good faith. The views of the adviser(s) do not necessarily reflect the views of the AFS Licensee. RaaS Research Group has no obligation to update the opinion unless RaaS Research Group is currently contracted to provide such an updated opinion. RaaS Research Group does not warrant the accuracy of any information it sources from others. All statements as to future matters are not guaranteed to be accurate and any statements as to past performance do not represent future performance.

Assessment of risk can be subjective. Portfolios of equity investments need to be well diversified and the risk appropriate for the investor. Equity investments in listed or unlisted companies yet to achieve a profit or with an equity value less than $50 million should collectively be a small component of a balanced portfolio, with smaller individual investment sizes than otherwise.

The science of climate change is common knowledge and its impacts may damage the global economy. Mitigating climate change may also disrupt the global economy. Investors need to make their own assessments and we disclaim any liability for the impact of either climate change or mitigating strategies on any investment we recommend.

Investors are responsible for their own investment decisions, unless a contract stipulates otherwise. RaaS Research Group does not stand behind the capital value or performance of any investment. Subject to any terms implied by law and which cannot be excluded, RaaS Research Group shall not be liable for any errors, omissions, defects or misrepresentations in the information (including by reasons of negligence, negligent misstatement or otherwise) or for any loss or damage (whether direct or indirect) suffered by persons who use or rely on the information. If any law prohibits the exclusion of such liability, RaaS Research Group limits its liability to the re-supply of the Information, provided that such limitation is permitted by law and is fair and reasonable.

Copyright 2026 RaaS Research Group Pty Ltd (A.B.N. 99 614 783 363). All rights reserved.