Good Oil & Gas Energy Conference
Westin Hotel Perth

David Casey – Managing Director & CEO
16th September 2026

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Compliance Statements

Gas Reserves, Contingent Resources and Prospective Resources - ER316 and PR016

The statements and consents, in relation to the estimate of gas Reserves for ER315 and PR016 included in this Presentation, are outlined in the Company's ASX announcement dated 24 July 2025 (Announcement). D3 Energy confirms that it is not aware of any new information or data that materially effects the information contained in this Announcement and that all material assumptions and technical parameters underpinning the estimates contained in the Announcement have not materially changed.

The statements and consents, in relation to the estimate of Contingent Resources and Prospective Resources for ER315 and PR016 included in this Presentation, are outlined in the Sproule independent evaluation report included in the Company's Prospectus dated 5 March 2024 (supplemented by a supplementary prospectus dated 10 April 2024 and a second supplementary prospectus dated 17 April 2024) and lodged with ASX on 9 May 2024 (**Prospectus**). As outlined in the Company's announcement dated 24 July 2025, the estimate of Contingent Resources for ER315 and PR016 were varied as part of the Company's maiden Reserve estimate with some Contingent Resource volumes upgraded to Reserves resulting in a decrease in Contingent Resource volumes (**Variation**). Other than this, Variation D3 Energy confirms that it is not aware of any new information or data that materially effects the information contained in the Prospectus and that all material assumptions and technical parameters underpinning the estimates of Contingent Resources and Prospective Resources for ER316 and PR016 contained in the Prospectus have not materially changed.

Contingent Resources and Prospective Resources - ER386

The statements and consents, in relation to the estimate of Contingent Resources and Prospective Resources for ER386 included in this Presentation, are outlined in the Company's ASX announcement dated 7 May 2026 (Announcement). D3 Energy confirms that it is not aware of any new information or data that materially effects the information contained in this Announcement and that all material assumptions and technical parameters underpinning the estimates contained in the Announcement have not materially changed.

Prospective Resources – PEL 121

The statements and consents, in relation to the estimate of Prospective Resources for PEL121 included in this Presentation, are outlined in the Company's ASX announcement dated 15 July 2026 (Announcement). D3 Energy confirms that it is not aware of any new information or data that materially effects the information contained in this Announcement and that all material assumptions and technical parameters underpinning the estimates contained in the Announcement have not materially changed.

Who is D3 Energy?

The Company - Corporate Snapshot

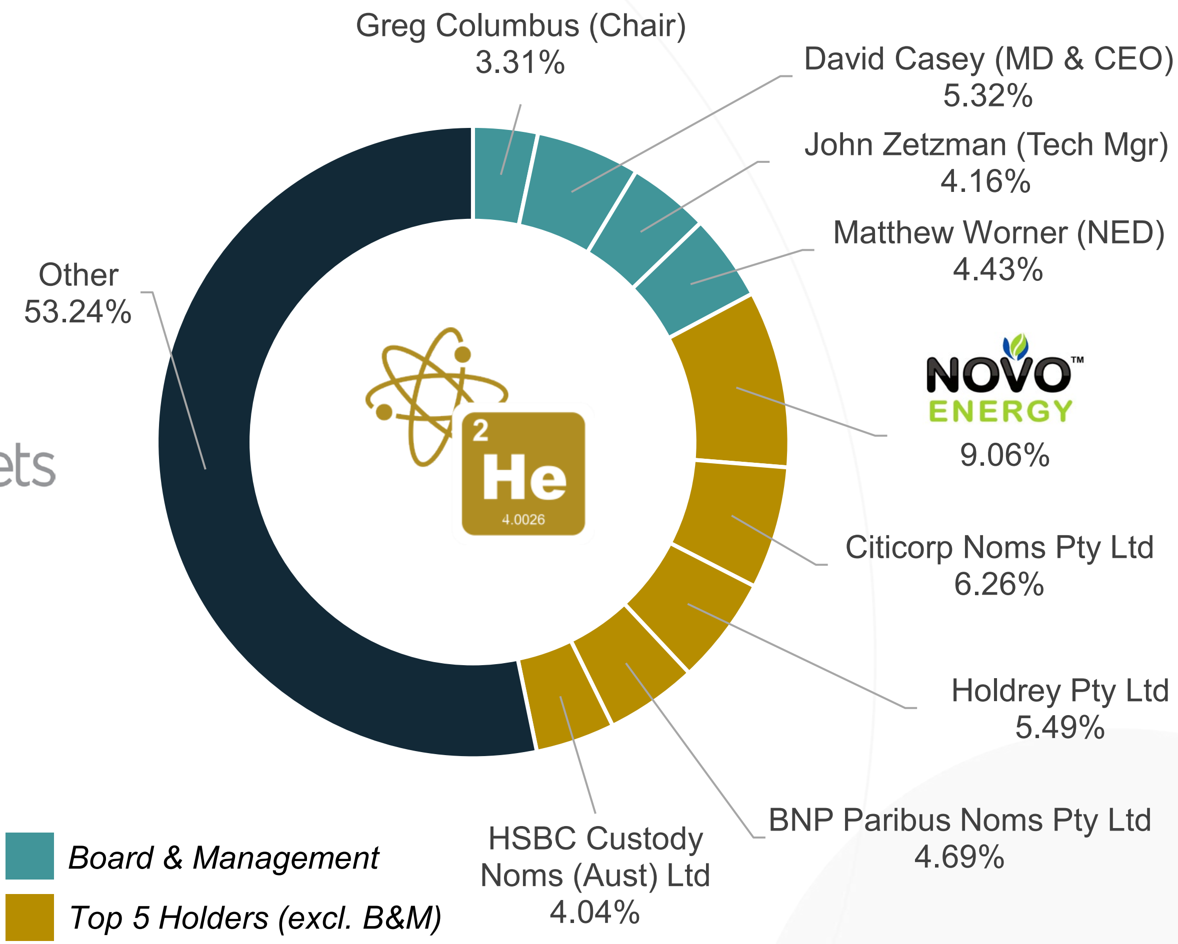
(ASX:D3E) & (OTCQB:DNRGF)
(as of 8th Sep 2026)

151.9m Shares on issue	**$0.28** Share price (@ 8 Sep 2026)
$42.5m Market Cap	**$6.74m** Cash (30 Jun 2026)

Enterprise Value (EV) $35.76m

- **Listed ASX 13th May 2024**
- **Listed OTC 5th Nov 2024**
- **Helium and natural gas (methane) assets in the Free State of South Africa**
- **Helium, hydrogen and natural gas (methane) assets in South Australia**

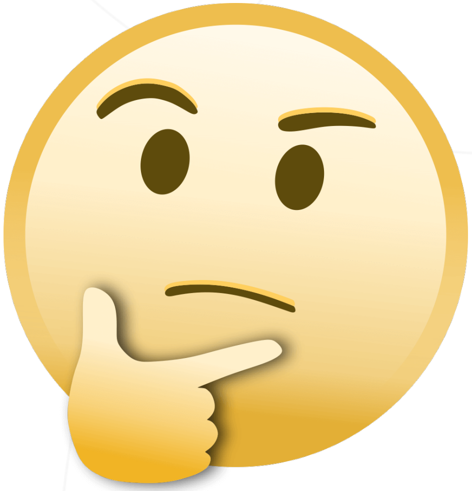
Major Shareholders



Upgraded to to OTCQX in October 2025

Why Helium & Why Now?

Let’s assume this a Helium Conference for a moment…



RIU Helium AND Gas Energy CONFERENCE

So what's changed since last years conference???

AI is driving a new Paradigm…

- What are the companies that we are all talking about? **Nvidia, Spacex, Tesla, Amazon/AWS** – all need semiconductors and some need helium directly
- Rapid adoption of AI is fuelling data centre growth
- Demand for data centres predicted to triple by 2030 alone
- Data centres need semi conductors
- AI is **structurally** changing the semi conductor demand thematic
- **Helium is critical** to semi conductor manufacturing

> "Global semiconductor demand for artificial intelligence (AI) is surging, with market analysts projecting worldwide semiconductor revenues to jump between 52% and 94% in **2026 alone**, driven by historic infrastructure spending."

AI is turning the semiconductor market into a $1.6 trillion industry

News
Aug 24, 2026 • 4 mins
NETWORKWORLD

"The semiconductor industry is entering a fundamentally new phase of growth," Gartner director analyst Ben Lee noted in this quarter's report.

AI & CLOUD September 2, 2026

AI poised to drive $32T data centre boom

MOBILE WORLD LIVE

Global spending on data centres is set to hit $31.6 trillion by 2050 as demand for AI computing capacity drives a boom in infrastructure investment, according to consultancy group PwC.

What happens when you take 30% of helium supply off the market…?

Middle East conflict has focused attention on helium supply

- The disruption to Qatari helium production has raised concerns over security of supply supporting higher helium pricing globally
- Term pricing for new contracts has also moved up with ASP announcing a 5-year deal at over US$600/mcf from the plant gate in South Africa
- Non-Qatari/Russia helium is likely to obtain a security of supply premium in the future

THE WALL STREET JOURNAL.

March 6, 2026 11:30am ET

How the Iran War Could Hit Big Tech: A Helium Shortage

By Jinjoo Lee, Columnist, Heard on the Street

Helium, a gas that is critical for semiconductor manufacturing, is in the crosshairs of the Middle East conflict. That is bad news for a global tech supply chain that is already straining to meet demand for artificial intelligence.

Helium prices soar as Qatar LNG halt exposes fragile supply chain

By Arunima Kumar, Sumit Saha and Toby Sterling

March 13, 2026 12:29 AM GMT+11 · Updated March 13, 2026

Reuters

Helium is critical for our hi-tech world…and conservatively 50 to over 100 times more valuable than natural gas

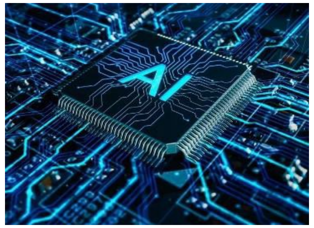
Up to a 5 year structural supply deficit due to damage at Qatar Energy's Ras Laffan Train 6 will see significant demand pressure and higher prices for the foreseeable future…

Fragile helium supply chain highlights need for new sources

- China has specifically incorporated helium into its next 5-year plan
- Japan is moving from commercial working inventories towards government backed strategic helium stockpiles
- South Korean government allocated US$585M to subsidise higher procurement costs of helium from non-Middle Eastern suppliers
- Taiwan Semiconductor Industry Association has asked government to set up official national stockpiles for helium

Semiconductors in 2026: Why supply chains are a major bottleneck

March 31, 2026 MOODY'S



NVIDIA Faces Chip Shortages as AI Demand Grows

Written by Kat de Naoum on 9/3/2026.

1 min read

Subscribe

AI cancer cures slowed by chip shortage, says UK's biggest tech boss

BBC Faisal Islam
Economics editor Sept 8, 2026

Without semi conductors the global economy, modern infrastructure and daily consumer life would completely come to a halt… we simply wouldn't have a 21st Century as we know it

Why D3 Energy?

D3 ideally placed geopolitically & NOW geographically

- ✓ Genuinely **unique world class** helium 5% and biogenic methane 87% province with **evidence of unprecedented gas regeneration and recharge** – no decline
- ✓ **Proven production**, reserves and largest independent certified pure helium contingent resource of all peers
- ✓ **Production Right (PR) authorisation expected 1st quarter 2027**
- ✓ **Preliminary FEED already commenced**
- ✓ Low pressure **very low-cost** development without the added cost of artificial lift, water handling and treatment
- ✓ South African ports provide ready "safe" access to North American, European and Asian markets
- ✓ Supportive regulatory environment (not timely but **SUPPORTIVE -** you get there!!)

GULF TIMES

Build helium reserves now or pay the price later: QFC

SANTHOSH V. PERUMAL PUBLISHED ON APRIL 14, 2026 | 09:50 AM

Reserve (BCF)	1P	2P	3P
Gross Reserve	7.21	14.43	22.97
Net Methane Reserve	5.45	10.91	17.36
Net Helium Reserve	0.353	0.706	1.124

Contingent Resource (BCF)	1C	2C	3C
Recoverable Gas Resource	415.4	808.8	1506.5
Recoverable Methane	356.8	690.3	1279.4
Recoverable Helium	17.8	35.6	67.9

Reserve & Contingent Resource volumes are based on independent evaluations reports of ER315 & ER386 prepared by Sproule. Refer to Compliance Statement (page 3 of Presentation) for further details

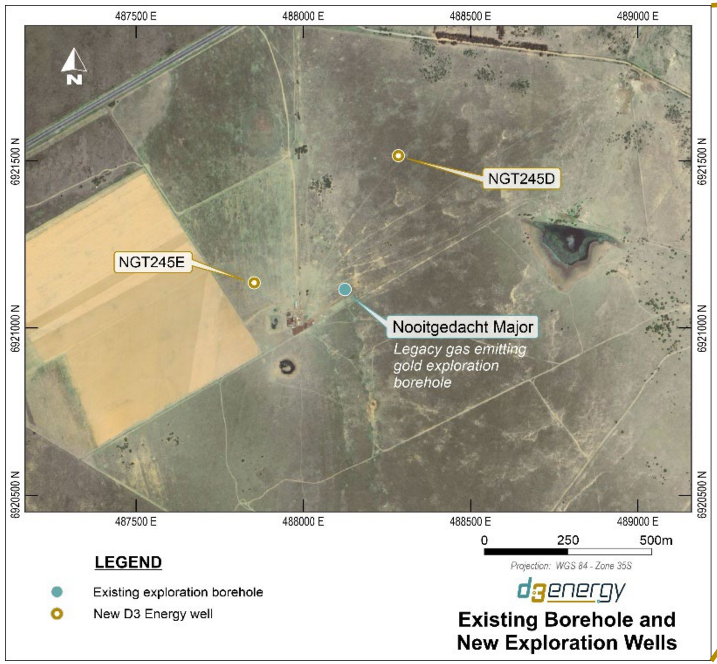
D3E delivers essential helium supply chain diversification "AT SCALE" via its South African & South Australian assets

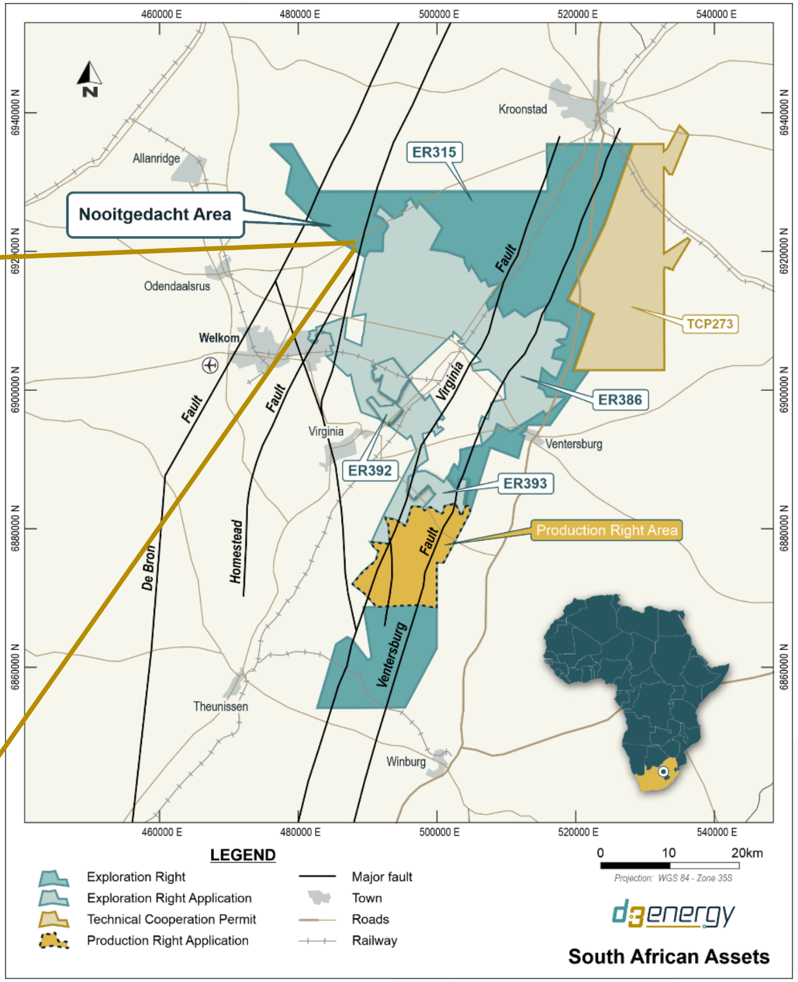
Reserves are for only a small part of the PR area and are CONSERVATIVE as they only cover less than 1% of total acreage under tenure or application

South African Assets

ER315 – 2026 Drilling Programme

- Gas flowed to surface immediately after drilling at NGT245E and methane detected at NGT245D following drilling
- Lower water zone identified that is impeding gas flow in both wells due to extremely low reservoir pressure
- Remedial cementation planned for this week to isolate lower water zones from gas producing zones





Map of D3 Energy current acreage and application areas (100% D3 Energy)

Production testing and gas sample analysis to follow remedial cementing activities

Downhole Camera Confirms Gas at Nooitgedacht

- Downhole camera logging at Nooitgedacht has confirmed gas bubbling up through the water column in NGT245 E.
- View the footage here.

ER315 – 2026 Seismic Programme

- High resolution 2D seismic acquisition has commenced at Nooitgedacht
- Using modern, low-impact high resolution nodal seismic acquisition and weight-drop source technology
- Expected to refine the structural interpretation of the project area to support transition of resource to reserves to underpin additional PR application

It doesn’t get more low impact than this!

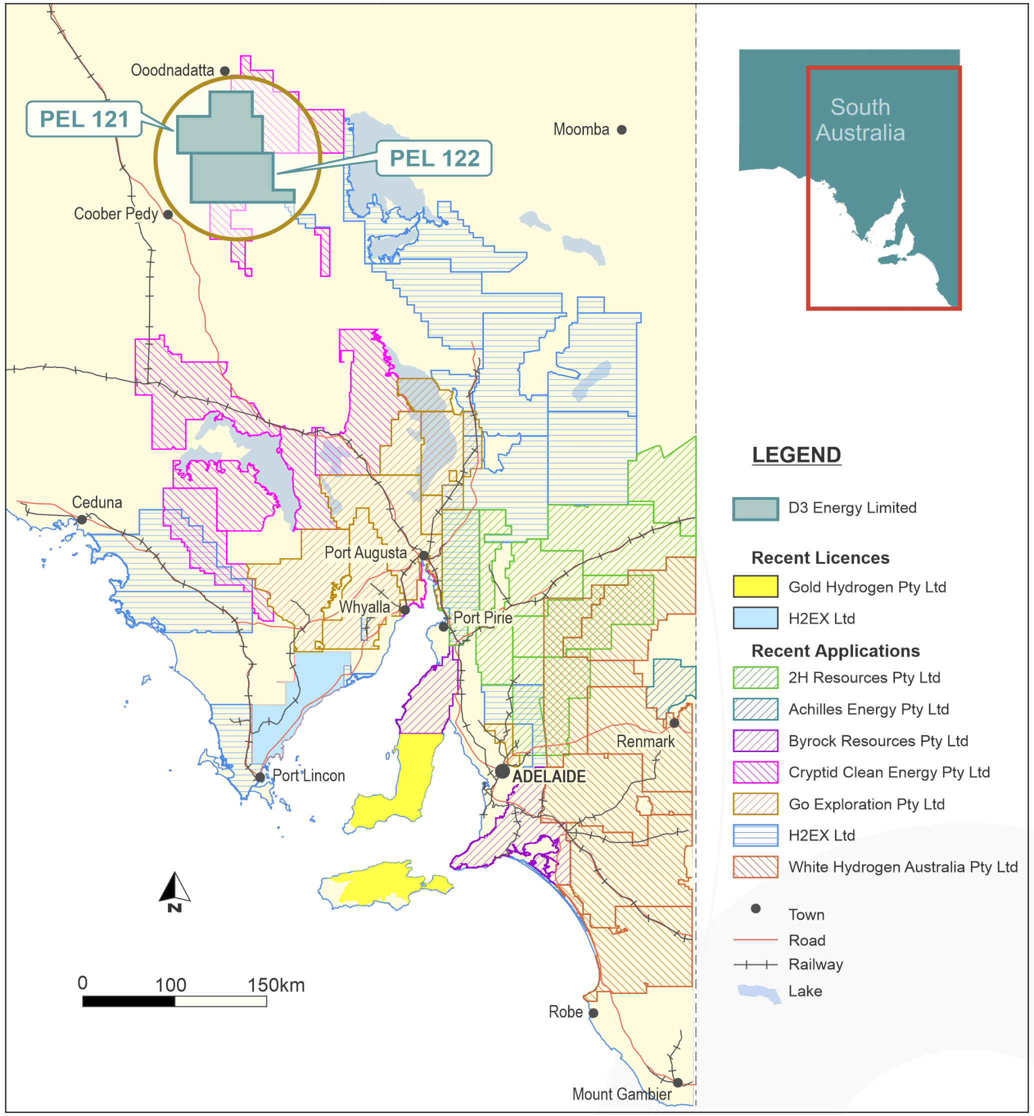
South Australian Assets

Australian Assets – "Conventional" Helium & Hydrogen

Arckaringa Basin – PEL 121 & 122 (5,865 km^2/1,450,000 acres)

- Analogous Mt Kitty-1 measured **9% Helium and 11% Hydrogen**
- Previous wells in Arckaringa have **NOT** drilled below salt
- To date **2 prospects and 9 leads** have been identified on available seismic data

Only 2 wells have been drilled below salt in analogous Amadeus Basin, and BOTH recovered helium to surface with hydrogen also produced at Mt Kitty-1

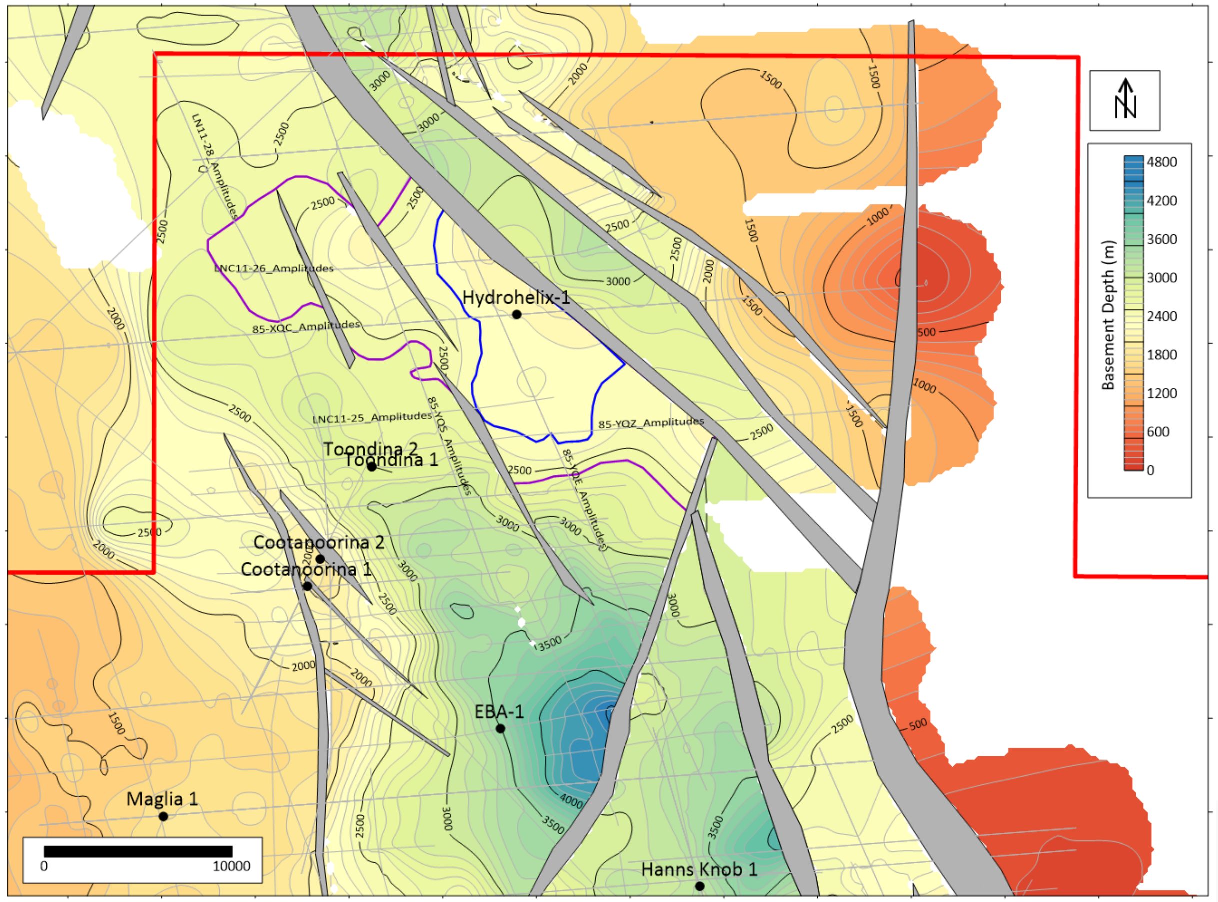


PEL121 – Maiden Prospective Resource

- Resource ONLY for PEL121 Hydrohelix and Cootanoorina prospects
- Total Prospective net 2U Resource of 54 BCF recoverable helium, 88 BCF recoverable hydrogen and 226 BCF methane
- Volumes cover both the Heavitree Sandstone and Fractured Basement

Prospective Resource (BCF)	1U	2U	3U
Helium	14	54	190
Hydrogen	21	88	331
Methane	58	226	803

Prospective Resource volumes are based on independent evaluations reports of PEL121 prepared by Sproule ERCE.
Refer to Compliance Statement (page 3 of Presentation) for further details



Fractured Basement depth map of PEL121

Work is ongoing in gaining Environmental approvals to conduct seismic and drilling activities in 2027/28

Catalysts…

The next 12 months?

- Submission and acceptance of Production Right application (PRA) ✓
- Prospective Resource for PEL 121 - Hydrohelix Prospect ✓
- Granting of Strategic Integrated Project (SIP) status – awaiting notification
- Contingent Resource upgrade to incorporate ER386 ✓
- Potential JV partner for PEL 121 & 122 – prefer seismic first so subject to environmental approvals
- Gas sales offtake agreement for PRA in South Africa - progressing
- Potential Reserve upgrade – post current drilling programme
- Drilling at Hydrohelix Prospect – following seismic in 2027
- Grant of Production Right – Q4 2026/Q1 2027 – now expected Q1 2027
- Complete FEED for PR016
- Order long lead items for PR016
- Preliminary drilling and site work preparations in PR016

THANK YOU…

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