

D3 ENERGY COMPLETES ACQUISITION OF HELIUM & HYDROGEN PERMITS IN SOUTH AUSTRALIA

D3 Energy Limited (ASX:D3E) (OTCQB:DNRGF) (D3 Energy or the Company) is pleased to advise that it has completed the acquisition of two highly prospective exploration permits, PEL 121 and PEL 122, in the Arckaringa Basin in South Australia by way of the purchase of 100% of the shares in Unleash Energy Pty Ltd.

The Company has issued 5,000,000 fully paid ordinary shares (escrowed for 12 months) to the vendors of Unleash Energy Pty Ltd in part consideration for the acquisition. Please refer to the Appendix 2A lodged today for further details in regard to the shares issued.

PEL 121 and PEL 122 (together, the **Permits**) are contiguous blocks with a combined area of 5,865 km², situated in the Arckaringa Basin just south of Oodnadatta and to the north-east of Coober Pedy in South Australia.

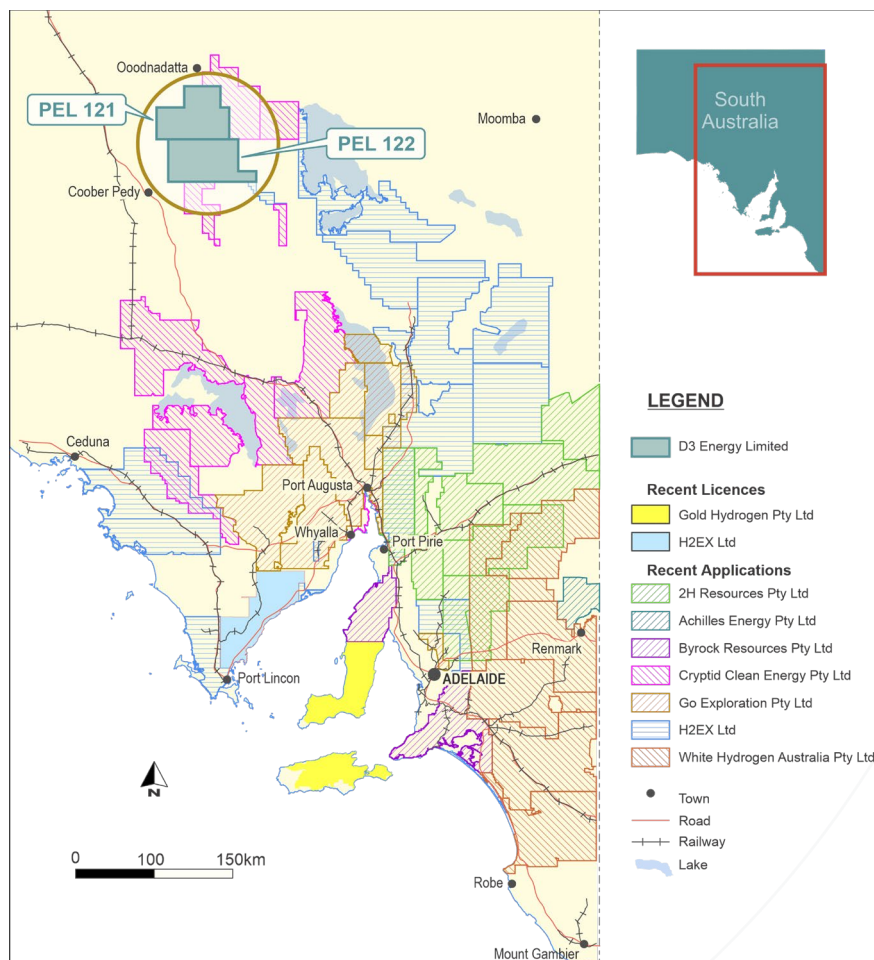


Figure 1 Map of South Australian Helium and Hydrogen Permit Activity

The Company has already identified two early-stage exploration prospects, Hydrohelix and Cootanoorina. The drill ready and relatively shallow Hydrohelix Prospect, located within PEL 121, is a large fault and dip bounded structure in the middle of the Boorthanna Trough with an areal closure of 148km².

Nine other early-stage leads have been identified on PEL 121 (see Figure 2 below), with work to commence to elevate them to Prospect status. Successful drilling at either Hydrohelix or Cootanoorina has the potential to open a new basin for helium and hydrogen exploration and the leads identified would provide meaningful follow-on upside potential.



Figure 2 Ackaringa Project Prospects and Leads

The new Permits provide complementary portfolio diversification to the Company’s flagship helium appraisal project in the Free State province in South Africa, where D3 Energy has defined a significant helium and methane Contingent Resource, as well as recently booking a maiden reserve for Production Right application 16.

Please refer to the Company ‘announcement on 17 June 2025 further details in regard to the Unleash Energy acquisition and exploration permits PEL 121 and PEL 122.

Authorised for release by the Board of Directors of D3 Energy Limited

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About D3 Energy Limited

D3 Energy (ASX: D3E) is an Australian-listed helium and natural gas exploration company with a primary focus on the development of its flagship asset, ER315, located in South Africa's Free State Province. ER315 contains certified reserves and significant contingent and prospective resources and continues to deliver strong technical results, positioning D3 Energy as a key player in the global energy transition.

In addition to its South African operations, D3 Energy has expanded into Australia through the strategic acquisition of highly prospective helium and hydrogen permits in the Arckaringa Basin, further broadening its international footprint in critical gases while maintaining a clear focus on advancing ER315 toward development.