

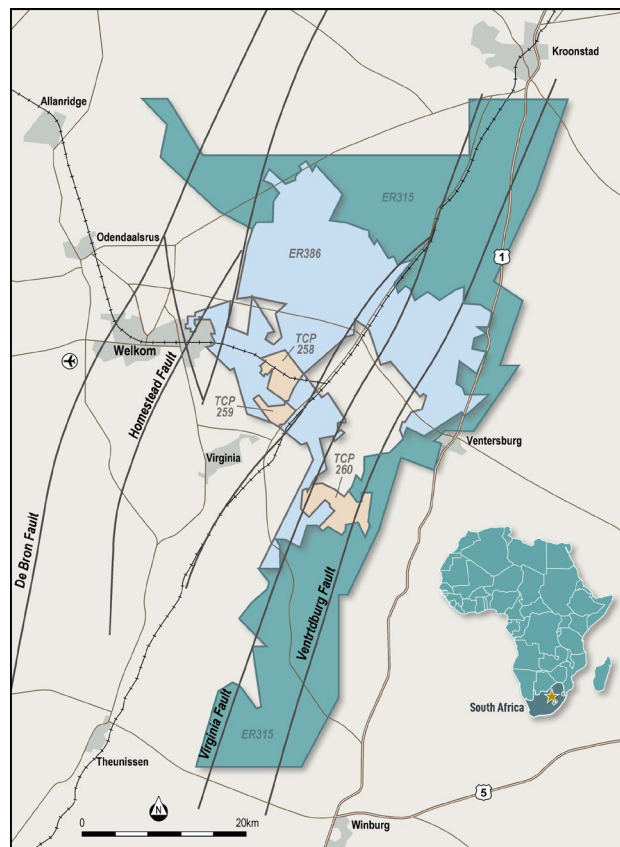
D3 ENERGY GRANTED THREE NEW TECHNICAL COOPERATION PERMITS ADJACENT TO ER315

HIGHLIGHTS

- Three new Technical Cooperation Permits (**TCPs**) awarded in area adjacent to D3 Energy's flagship ER315 and ERA386 (formerly ERA341, TCP235 & TCP240)
- Granting of the TCPs expands D3 Energy's exploration footprint in what is a world class helium province

D3 Energy Limited (**ASX:D3E**) (**OTCQB:DNRGF**) (**D3 Energy** or the **Company**) is pleased to announce that it has been granted three new Technical Cooperation Permits adjacent to the Company's flagship exploration permit, ER315.

TCP258, TCP259 and TCP260 cover a combined area of 5,797ha (14,325 acres), increasing D3 Energy's contiguous permitted and applied for exploration footprint in the Free State adding further low-cost exploration and appraisal upside in what is one of the world's most prospective helium exploration and production provinces. Appraisal work at ER315 has yielded significant results with the successful production testing of multiple boreholes with helium samples confirmed of up to 6.2% at sustained rates from shallow depths.



Regional map showing D3 Energy acreage position

The TCP's are for a period of one year and involve extremely low-cost desktop studies. At the conclusion of these studies, D3 Energy may then apply for Exploration Rights over the relevant areas. This is the process by which the Company has applied for the grant of new Exploration Right, ER386 (formerly ERA341, TCP235 & TCP240).

Upon final grant of ER386 and should the Company apply for and be granted further Exploration Rights at the conclusion of the term of the TCP's, D3 Energy expects to be able to add to the already extensive helium and methane Contingent Resource and Prospective Resource held by the Company in ER315 (see tables below).

Contingent Resource (BCF)	1C	2C	3C
Recoverable Gas Resource	336.65	547.45	858.03
Recoverable Methane	291.88	474.64	743.91
Recoverable Helium	13.803	22.445	35.179

Table 1: ER315 Contingent Resource¹

Prospective Resource (BCF)	1U	2U	3U
Recoverable Gas Resource	228.44	661.32	1875.35
Recoverable Methane	198.06	573.36	1625.93
Recoverable Helium	9.366	27.114	76.889

Table 2: ER315 Prospective Resource²

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

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¹ Please refer to the D3 Energy Limited Prospectus dated 5 March 2024 (as supplemented by a supplementary prospectus dated 10 April 2024 and a second supplementary prospectus dated 17 April 2024) for Contingent Resources and Prospective Resources presented in this announcement. 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 contained in the Prospectus have not materially changed.

² **Prospective Resources.** The estimated quantities of gas that may be recovered by the application of a future development project(s) relate to undiscovered accumulations. Those estimates have both a risk of discovery and a risk of development. Further exploration, appraisal and development is required to determine the existence of a significant quantity of potentially recoverable hydrocarbons.

About D3 Energy Limited

D3 Energy (ASX: D3E) is an Australian-listed company focused on the exploration and development of helium and natural gas assets in South Africa's Free State Province. The Company's ER315 project holds significant contingent and prospective helium and natural gas resources, positioning D3 Energy as a key player in the global energy transition.