

Drilling Update at Nooitgedacht in South Africa

HIGHLIGHTS

- D3 Energy has successfully reached total depth on the second well in the programme NGT245 D at the Nooitgedacht area, within the northwestern part of D3 Energy's 100%-owned ER315 permit, Free State, South Africa
- NGT245 D has successfully been drilled to a total depth of 348m on time and budget without any safety incidents. The well is currently being logged prior to the production casing being installed.
- The drilling rig is currently installing production casing at the first well in the programme NGT245 E
- NGT245 E and NGT245 D will both be further evaluated and tested once the production casing has been installed in both wells.

D3 Energy Limited (ASX: D3E) (OTCQX: DNRGF) ("D3 Energy" or "the Company") is pleased to announce it has successfully reached total depth in the second of two planned wells at Nooitgedacht NGT245 D, located within the ER315 permit in the Free State, South Africa. This marks the next stage of the Company's ongoing exploration and appraisal programme aimed at increasing the Company's reserve base in ER315 and converting additional exploration right areas (ER's) to production rights.

The Nooitgedacht area is located approximately 43 km to the north of the Bloemskraal area where the Company has already booked reserves to underpin a Production Right application lodged last year and is positioned along the Homestead Fault that traverses through the northern section of ER315.

The second of two wells, NGT245 D, was drilled to a total depth of 348m on time and budget. The rig then moved back to the first well, NGT245 E to install the production casing and allow logging to commence at NGT245 D. The drill rig will return to NGT245 D to install the production casing in this well once this activity is completed at NGT245 E.

The installation of production casing will allow both NGT245 E and NGT245 D to be further evaluated including flow testing and gas sample compositional analysis once the production casing has been installed in both wells.

The two wells are targeting the faulting and associated fractures in the Ventersdorp and Witwatersrand formations to further assess the reservoir's deliverability and to collect additional data on helium and methane concentrations.

D3 Energy's Managing Director and CEO, Mr David Casey commented: *"The rapid and successful completion of the second well in our programme further demonstrates the low-cost and efficient nature of our drilling operations. As we continue to apply the lessons learned from each well, we expect to achieve even greater efficiencies and further reduce costs. This will be particularly important and relevant in a production development scenario."*

Given the as expected exceptionally low reservoir pressure in this area, the flow of gas to the surface in our first well while drilling was an incredibly encouraging, albeit unexpected surprise. It is however anticipated that both wells will need some time after the casing has been installed for the reservoir to stabilize ahead of production testing in the coming weeks."

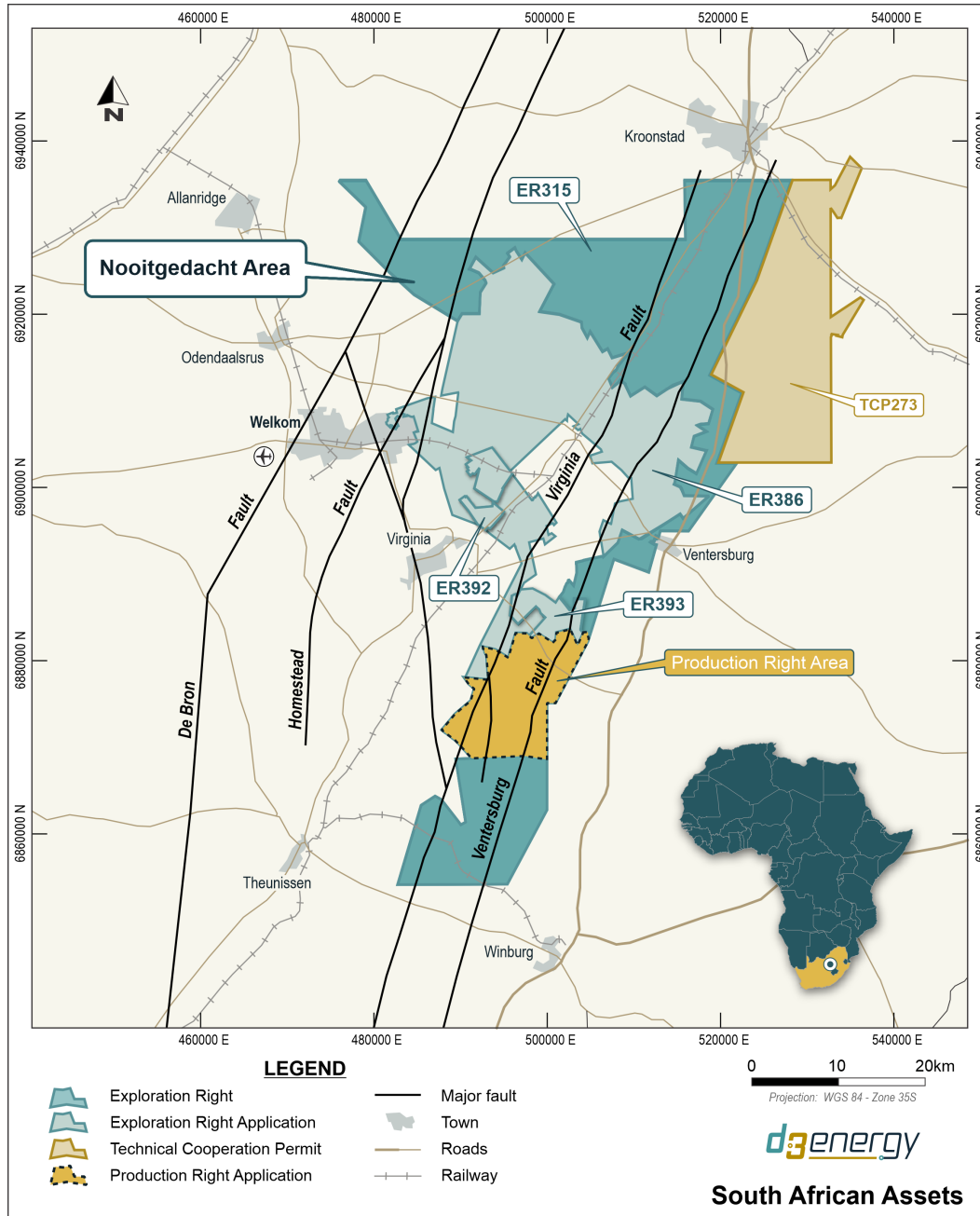


Figure 1: Nooitgedacht location within ER315

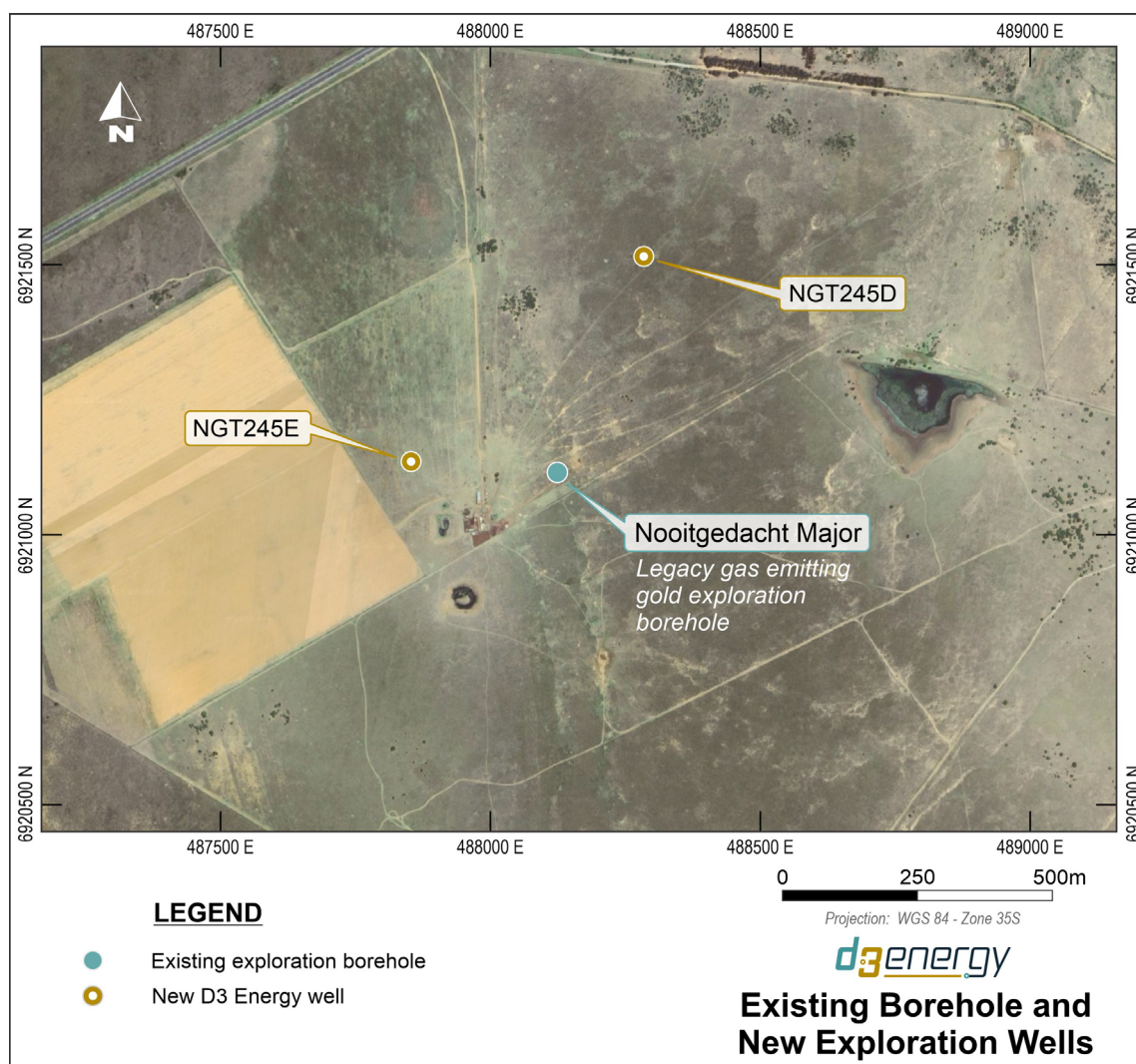


Figure 2: Well Location Map

Background

D3 Energy holds a 479,409-acre land position across the Free State Province of South Africa, comprising ER315, PR016, Exploration Right Applications ER386, ER391, ER392 and ER393 and Technical Cooperation Permit TCP273. The Company's flagship ER315 permit has delivered independently verified helium concentrations of up to 8% and is the subject of a Production Right Application (PR016) currently under assessment by South Africa's Petroleum Agency SA (PASA).

The initial Production Right Application area covers 15% of ER315 and approximately 9% of D3's total exploration right acreage, with the balance of the land position, including ER386, representing the Company's broader appraisal and development pipeline. ER386 is contiguous with ER315 and is located within the same Virginia Fault structural corridor that hosts D3's certified reserves and contingent resources at ER315 and PR016.

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 assets, ER315, PR016 and ER386, located in South Africa's Free State Province. ER315, PR016 and ER386 contain 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 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.