

## PRODUCTION TESTING AT RBD01 NOW COMPLETE

### HIGHLIGHTS

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- RBD01 flowed gas at an average flow rate of 93 Mscfd for a 15-day period
- World class helium concentrations of 6.2% measured after 12-days of sustained production, the highest concentration recorded to date across D3 Energy's wells
- With RBD01 production testing now complete, testing will now be conducted at the recently drilled RBD12 over the weekend

D3 Energy Limited (**ASX:D3E**) (**D3 Energy** or the **Company**) is pleased to announce an update from its multi-well production testing program at ER315 located in the Free State, South Africa.

#### ***RBD01 Flow Rates and Gas Composition Confirmed***

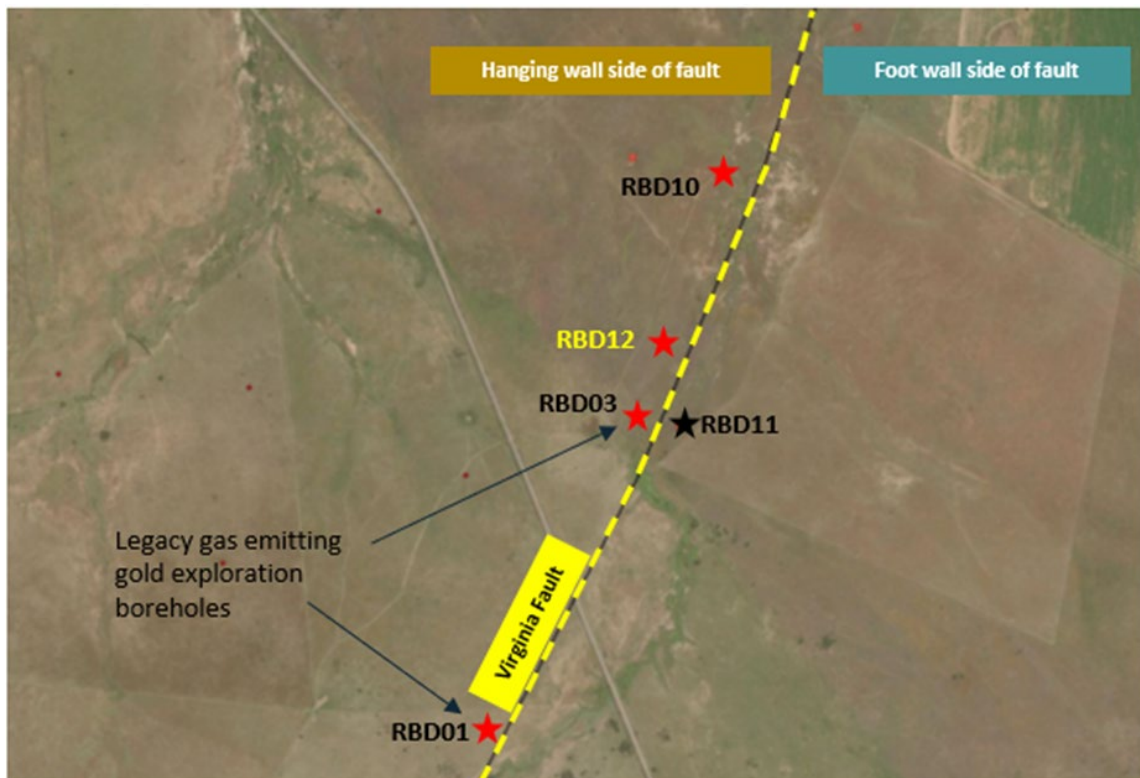
As previously announced, production testing at RBD01 was conducted to evaluate reservoir characteristics, flow rates and pressure responses, as well as gas composition, providing critical data to inform the Company's ongoing exploration and development strategy.

RBD01 flowed at an average flow rate of 93 Mscfd for a 15-day period. Total gas produced over the initial period was 1,394 Mscf [Table 1].

Gas samples were collected during testing and analysed by a SANAS accredited laboratory in South Africa, have again confirmed world-class helium concentrations. These results show a helium composition of 6.2% and 85.6% methane, the highest helium concentration recorded to date across D3 Energy's wells.

With the RBD01 test now complete, the well has been shut in to allow the reservoir pressure to build up prior to further testing being conducted at the recently drilled well RBD12.

**Managing Director and CEO of D3 Energy, Mr David Casey said:** *"It is very pleasing to produce and measure gas from a legacy gold exploration borehole drilled in 1982 that is still producing some 40 years later. The sustained gas rate is particularly encouraging due to the lack of any discernible decline at the back end of testing, and given the potential downhole obstructions identified in this borehole. It is becoming increasingly clear that we have identified a significant active helium and natural gas system in the Bloemskraal area."*



Well Location Map including RBD01 location

**Table 1 – Listing Rule 5.30 required information**

<b>Well Name</b>	<b>RBD01 (Bloemskraal Nr2)</b>
<b>Location</b>	X 26.935556 Y -28.226250
<b>Well Type</b>	Vertical
<b>Permit</b>	ER315
<b>Entity Holders</b>	Motuoane Energy Pty Ltd (100% owned subsidiary)
<b>Resource</b>	Helium and Methane
<b>Formation</b>	Witwatersrand Quartzite
<b>Gross Thickness</b>	Gross thickness Karoo 450m, Quartzite 181m (TD 631m)
<b>Net Pay Thickness</b>	Unconformity fracture zone beneath dolerite - 5m
<b>Geological Rock Types</b>	Sandstone, Shale, Dolerite, Quartzite, Fractured Quartzite
<b>Depth of Zones Tested</b>	400m-631m
<b>Type of Test and Duration</b>	14-day stabilised flow test
<b>Phases Recovered</b>	Gas
<b>Other Types of Recovery</b>	N/A
<b>Flow Rates</b>	93 Mscfd (average stabilised rate over 15-days)

<b>Choke Size</b>	No choke
<b>Volume Recovered</b>	1,394 Mscf
<b>Material Non-hydrocarbons</b>	Nitrogen
<b>Helium and Methane %</b>	He (6.2%) CH <sub>4</sub> (85.6%)

**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 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.