

## TESTING ACHIEVES STRONG COMMERCIAL GAS FLOW AT WELL 271-KA03PT10

### HIGHLIGHTS

- Strong current gas flow of 92 Mscfd from production test well 271-KA03PT10 after 16 days of continuous testing with a total gas volume of 1,422 Mscf recovered during that period.
- Very high methane content of 99% recorded in gas being produced.
- The sustained flow rate significantly exceeds gas reserve calculations by independent certifier Sproule B.V., which assessed that a 50 Mscfd flow rate would produce positive economics<sup>1</sup>.
- Well 271-KA03PT10, the first production test well using optimised drilling procedures, is part of a seven well production cluster in the Brakfontein vicinity that includes well 271-KA03PT06.
- Gas flow testing has now commenced on production test well 271-KA03PT06 at Brakfontein, where the choke test on completion recorded a peak gas flow of 1,600 Mscfd. The Company anticipates flow test results during October 2025.
- Gas flow testing is continuing to determine a sustained flow rate and ascertain depletion curve characteristics.

**Kinetiko Energy Ltd (ASX: KKO) (Kinetiko or the Company)** is developing an energy solution for South Africa, focused on commercializing 100% owned advanced shallow conventional gas projects in the Mpumalanga Province. Kinetiko is pleased to advise that production test well 271-KA03PT10 has successfully completed an extended production gas flow test.

Well 271-KA03PT10 is located at Brakfontein, within 500 metres of historic production test wells, and is expected to, when connected to these historic wells, create the initial cluster of producing gas wells that will supply the planned micro LNG pilot plant (Figure 2).

<sup>1</sup> The Sproule B.V. report dated 1 July 2023 and released in full on the ASX platform (see Company's announcement dated 22 August 2023) assessed the economic parameters from seven production test wells in the Brakfontein/Amersfoort vicinity and concluded the gas field is commercially viable assuming an initial flow rate of 50 Mscfd.



Information from the extended flow tests will be used to model the economics of each production cluster and feasibility studies. The reserve calculation completed by Sproule B.V. dated 1<sup>st</sup> July 2023, used an assumption of 50 Mscfd “initial rate” of gas from each well is commercially viable<sup>1</sup>. Achieving extended flow rates above this level from this production test program will add significantly to the development economics and reserve estimates.

Testing has also commenced at KA03PT06, where a peak choke test of 1,600 Mscfd was recorded on completion. Flow test results are expected during October 2025.

**Kinetiko Executive Chairman Adam Sierakowski commented:**

*"Flow test results from this well have exceeded expectations and support the commercial viability of the Brakfontein cluster, which will be used to supply the initial LNG pilot plant, which is planned to commence construction in 2026.*

*The initial extended flow test results from the first well to implement drilling optimisation procedures are very positive, and testing will continue to ascertain how much the gas flow rate at 271-KA03PT10 can increase as dewatering continues. The rate and very high-quality methane content being produced from the well will also improve economics.*

*As the company looks forward to more positive gas flow test results continuing from 271-KA03PT10 and anticipated from 271-KA03PT06, it can look forward to superior gas flow and depletion curve data that will be used to convert the Company’s substantial contingent resource to higher reserves."*

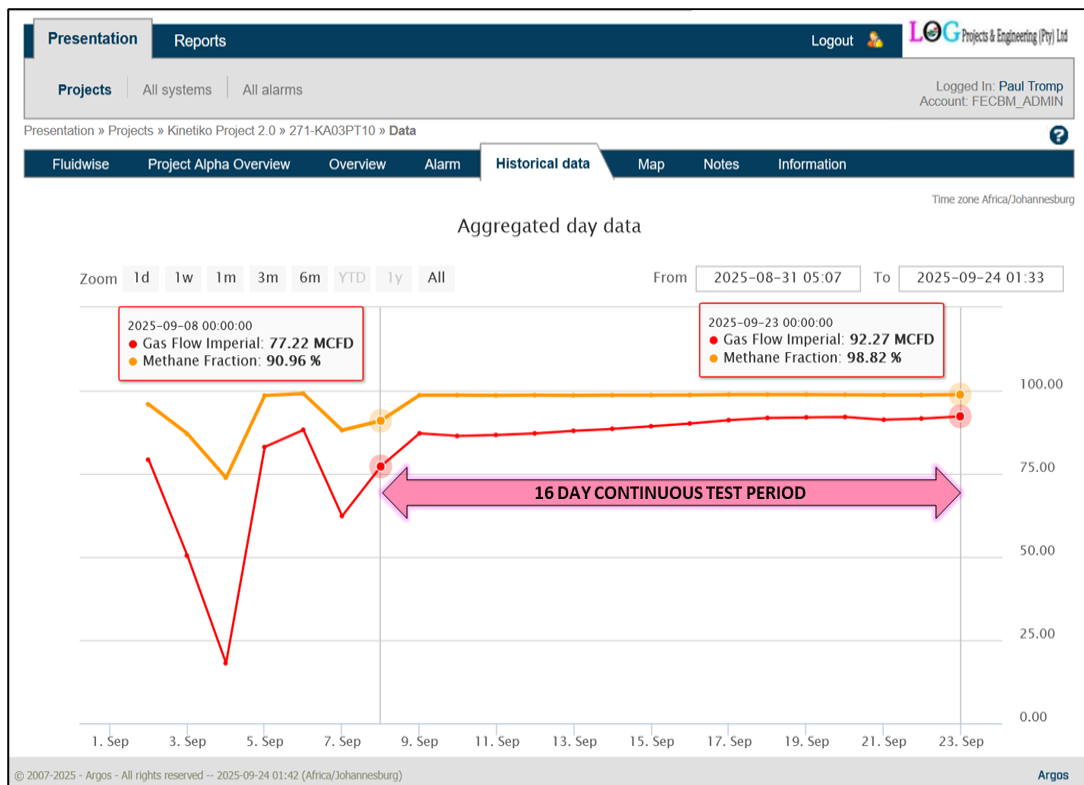


Figure 1: Production Test Well 271-KA03PT10 gas flow rate and composition.

The gas volume recovered during the 16 days of continuous testing produced 1,422 Mscf of ~99% methane.

## Production Test Well Program

Drilling optimisation procedures developed over the last 6 months have generated immediate exploration success. This production well appraisal program will be expanded and include drilling to identify further development sites close to existing energy infrastructure.

Extended flow tests mitigate the technical risk associated with future development and also provide valuable data regarding the lifespan and size of each of the production clusters. The key flow rate and depletion curve information derived from the production test program will allow calculation of the production life of each well. This, in turn, will be used to estimate the number of production wells required for each development cluster and the duration over which the clusters will produce gas before additional wells need to be added to the cluster to increase gas delivery to the end customer.

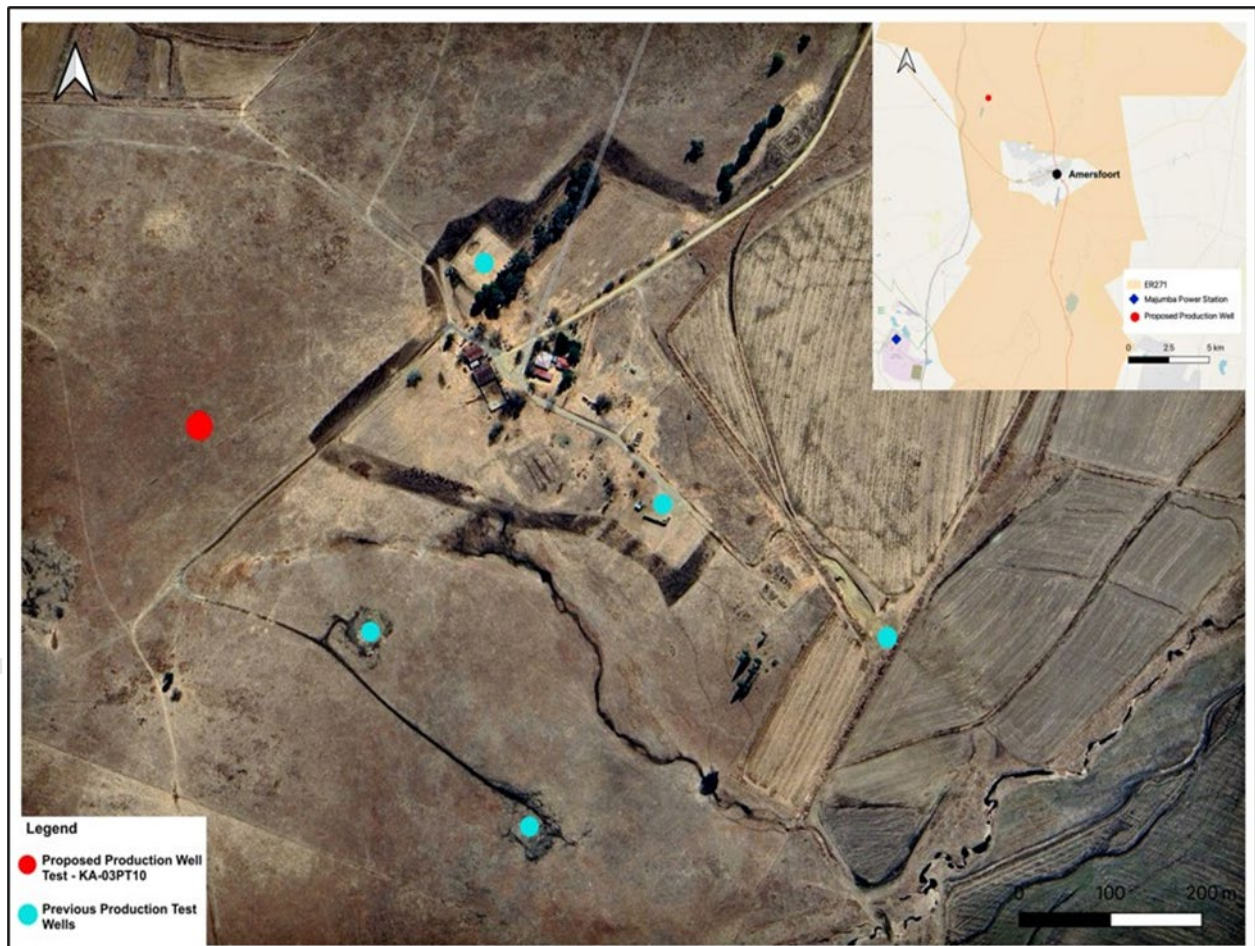


Figure 2: Production Test Well 271-KA03PT10 location as part of potential production cluster

**Table 1: Production test well technical details:**

<b>Well Name</b>	KA-03PT10
<b>Location</b>	S26.96061° E29.81376°
<b>Well Type</b>	Vertical
<b>Permit</b>	ER271
<b>Entity Holders</b>	Afro Energy (Pty) Ltd (100% owned subsidiary)
<b>Resource</b>	Natural Gas - Methane
<b>Formation</b>	Lower Karoo
<b>Gross Thickness</b>	Total depth 417m
<b>Net Pay Thickness</b>	144m sandstone between 199-395m
<b>Geological Rock Types</b>	Sandstones, carbonaceous siltstones & mudstones and coal overlain by dolerite sill
<b>Depth of Zone Tested</b>	199-395m
<b>Type of Test and Duration</b>	16 day initial flow test
<b>Phases Recovered</b>	>98% methane content gas
<b>Flow Rates</b>	89 Mscfd (average initial rate of 16 days)
<b>Choke Size</b>	24/64th" choke, max 94psi differential pressure
<b>Volume Recovered</b>	1,422 Mscf

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For more information visit: [www.kinetiko.com.au](http://www.kinetiko.com.au) or contact,

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### About Kinetiko Energy

Kinetiko Energy is a gas exploration company with a focus on advanced onshore shallow conventional gas opportunities in South Africa.

Kinetiko's tenements are located in South Africa's primary power-producing region, near aging coal-fired power stations and infrastructure. As South Africa shifts towards modern power solutions, the gas from Kinetiko's deposits is expected to provide base load power and act as backup to renewables as part of the country's long-term energy future.

The Company has achieved maiden gas reserves with positive economics and has 6 trillion cubic feet (Tcf) of 2C contingent resources (alternatively described as having 2.8 Tcf of 1C contingent resources),<sup>2</sup> establishing a substantial world-class onshore gas project. Kinetiko's vision is to commercialise an energy solution for South Africa.

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### Competent Persons and Compliance Statements

Unless otherwise specified, information in this report relating to operations, exploration, and related technical comments has been compiled by registered Petroleum Geologist, Mr Paul Tromp, who has over 40 years of onshore oil and gas field experience. Mr Tromp consents to the inclusion of this information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affect the information included in the relevant market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

<sup>2</sup> Refer to the Company's announcement dated 21 August 2023 titled 'Maiden Gas Reserves & Major Increase in Contingent Resource Confirms Positive Economics & Enormous Scalability'. The Company confirms that it is not aware of any new information or data that materially affects the information included in the announcement dated 21 August 2023 and that all the material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

