

NEWS RELEASE

Pulsar Helium Commences Drilling of the Jetstream #2 Appraisal Well at the Topaz Project in Minnesota, USA

2025-01-17

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CASCAIS, Portugal, Jan. 17, 2025 (GLOBE NEWSWIRE) -- Pulsar Helium Inc. (AIM: PLSR, TSXV: PLSR, OTCQB: PSRHF) ("Pulsar" or the "Company"), a leading helium project development company, announces that drilling for the Jetstream #2 appraisal well commenced at 3:55 a.m. (CST) on Thursday January 16, 2025, at its flagship Topaz Project in Minnesota ("Topaz" or the "Project"). Jetstream #2 is planned to reach approximately 5,000 feet (1,524 metres) depth and is scheduled to reach total depth (TD) around the end of January 2025. This will be the second gas appraisal well drilled at the Jetstream Prospect within the Topaz Project and is designed to provide data on reservoir properties, including porosity, permeability and well connectivity that will be utilised in the next iteration of resource estimation, production modelling, and further appraisal well planning.

Upon completion of drilling the Jetstream #2 well, down-hole wireline logs will be collected, and an optical televiewer run at both Jetstream #1 and #2. Flow testing and pressure build-up monitoring are planned for both wells in early March following a post-drill stabilisation period.

2025 Drill Program to Date

As mentioned by news release on January 13, 2025, the Company successfully completed deepening the Jetstream #1 appraisal well, reaching a TD of 5,100 feet (1,555 metres) on January 11, successfully penetrating the current

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interpreted helium-bearing zone. Mud log gas levels containing up to 7.24% helium were encountered during drilling. These samples are diluted by atmospheric air due to the rotary air drilling method used and unaffected samples for laboratory analysis will be acquired in due course.

Strategic Significance

The Jetstream #1 appraisal well previously reached TD of 2,200 feet (671 metres) on the February 27, 2024, identifying top-tier helium concentrations of up to 14.5%, well above the 0.3% widely accepted economic threshold, and CO₂ concentrations exceeding 70% - with the latter expected to further contribute to the project economics. The deepening of Jetstream #1 is a pivotal step in advancing Pulsar's strategy to address the increasing global demand for helium as the Company moves another step closer to production. The deepening of Jetstream #1 will target the full height of the helium reservoir, guided by insights from recently acquired survey data, previous drilling phases, and onsite testing.

On behalf Pulsar Helium Inc.

"Thomas Abraham-James"

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About Pulsar Helium Inc.

Pulsar Helium Inc. is a publicly traded company listed on the AIM market of the London Stock Exchange and the TSX Venture Exchange with the ticker PLSR, as well as on the OTCQB with the ticker PSRHF. Pulsar's portfolio consists of its flagship Topaz helium project in Minnesota, USA, and the Tunu helium project in Greenland. Pulsar is the first mover in both locations with primary helium occurrences not associated with the production of hydrocarbons identified at each.

For further information visit:

Website <https://pulsarhelium.com>

X <https://x.com/pulsarhelium>

LinkedIn <https://ca.linkedin.com/company/pulsar-helium-inc>.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

Forward-Looking Statements

This news release and the interview contains forward-looking information within the meaning of Canadian securities legislation (collectively, "forward-looking statements") that relate to the Company's current expectations and views of future events. Any statements that express, or involve discussions as to, expectations, beliefs, plans, objectives, assumptions or future events or performance (often, but not always, through the use of words or phrases such as "will likely result", "are expected to", "expects", "will continue", "is anticipated", "anticipates",

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"believes", "estimated", "intends", "plans", "forecast", "projection", "strategy", "objective" and "outlook") are not historical facts and may be forward-looking statements. Forward-looking statements herein include, but are not limited to, statements relating to the potential impact of drilling Jetstream #2 and the deepening Jetstream #1 and the potential impact of such drilling of Jetstream #2 and of deepening Jetstream #1 on the next iteration of the resource estimate; and the potential for future wells. Forward-looking statements may involve estimates and are based upon assumptions made by management of the Company, including, but not limited to, the Company's capital cost estimates, management's expectations regarding the availability of capital to fund the Company's future capital and operating requirements and the ability to obtain all requisite regulatory approvals.

No reserves have been assigned in connection with the Company's property interests to date, given their early stage of development. The future value of the Company is therefore dependent on the success or otherwise of its activities, which are principally directed toward the future exploration, appraisal and development of its assets, and potential acquisition of property interests in the future. Un-risked Contingent and Prospective Helium Volumes have been defined at the Topaz Project. However, estimating helium volumes is subject to significant uncertainties associated with technical data and the interpretation of that data, future commodity prices, and development and operating costs. There can be no guarantee that the Company will successfully convert its helium volume to reserves and produce that estimated volume. Estimates may alter significantly or become more uncertain when new information becomes available due to for example, additional drilling or production tests over the life of field. As estimates change, development and production plans may also vary. Downward revision of helium volume estimates may adversely affect the Company's operational or financial performance.

Helium volume estimates are expressions of judgement based on knowledge, experience and industry practice. These estimates are imprecise and depend to some extent on interpretations, which may ultimately prove to be inaccurate and require adjustment or, even if valid when originally calculated, may alter significantly when new information or techniques become available. As further information becomes available through additional drilling and analysis the estimates are likely to change. Any adjustments to volume could affect the Company's exploration and development plans which may, in turn, affect the Company's performance. The process of estimating helium resources is complex and requires significant decisions and assumptions to be made in evaluating the reliability of available geological, geophysical, engineering, and economic data for each property. Different engineers may make different estimates of resources, cash flows, or other variables based on the same available data.

Forward-looking statements are subject to a number of risks and uncertainties, many of which are beyond the Company's control, which could cause actual results and events to differ materially from those that are disclosed in or implied by such forward- looking statements. Such risks and uncertainties include, but are not limited to, that

Pulsar may be unsuccessful in deepening the Jetstream #1, in drilling commercially productive wells; the uncertainty of resource estimation; operational risks in conducting exploration, including that drill costs may be higher than estimates and the potential for delays in the commencement of drilling; commodity prices; health, safety and environmental factors; and other factors set forth above as well as under "Cautionary Note Regarding Forward Looking Statements and Market and Industry Data" and "Risk Factors" in the AIM Admission Document published on October 14, 2024 found on the Company's web site at <https://pulsarhelium.com/investors/aim-rule-26/default.aspx>.

Forward-looking statements contained in this news release are as of the date of this news release, and the Company undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required by law. New factors emerge from time to time, and it is not possible for the Company to predict all of them or assess the impact of each such factor or the extent to which any factor, or combination of factors, may cause results to differ materially from those contained in any forward-looking statement. No assurance can be given that the forward-looking statements herein will prove to be correct and, accordingly, investors should not place undue reliance on forward-looking statements. Any forward-looking statements contained in this news release are expressly qualified in their entirety by this cautionary statement.

Source: Pulsar Helium