MCF Energy: Welchau Gas Prospect Drilling Update

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Promising Trip Gas Shows and Evidence of Fracturing in Early Drilling: MCF Energy Ahead of Schedule in Austrian Gas Exploration

VANCOUVER, March 11, 2024 - MCF Energy Ltd. (TSXV: MCF) (FRA: DC6) (OTCQX: MCFNF) ("MCF", "MCF Energy" or the "Company") is pleased to announce a progress update on the drilling of the Welchau-1 gas exploration well in Austria. The well successfully reached a depth of 1155 metres on March 10, advancing approximately 4 days ahead of its scheduled timeline. Minor hydrocarbon shows and fracturing patterns suggest the presence of hydrocarbons in deeper formations, and are evidence of an active petroleum system at the Welchau-1 well location. Drilling to the main target is underway with completion and evaluation anticipated by month end.

Initiated on February 24, 2024, the Welchau-1 well aims to explore the Welchau gas prospect, noted for its significant gas potential. Located centrally in Europe, this prospect benefits from its shallow drilling requirements and proximity to existing gas pipelines. It targets reservoirs analogous to those discovered by the nearby Molln-1 well, which confirmed gas presence in 1989. MCF Energy will fund the Welchau-1 well costs up to 50% of the cap of EUR 5.1 million to earn a 25% economic interest in the Welchau Investment Area.

Drilling operations commenced with a 12 ¼ inch bore to a depth of 930 metres, followed by the deployment of wireline logging tools. Subsequently, a 9 5/8 inch casing was installed and cemented to ensure well integrity, particularly through a shale section which will also provide a seal for gas pressure from a deeper underlying reservoir. Currently, drilling proceeds in an 8 ½ inch bore aiming for a projected total depth of at least 1500 metres.

Enhanced drilling speeds, surpassing initial projections due to the adoption of new drilling technologies, have contributed to the project's ahead-of-schedule status. These improvements are anticipated to lower overall well costs.

The image log has identified the presence of fractures and confirms a closed, asymmetric anticline as predicted in the geologic model. The encounter with carbonate formations showing fracturing-a result of deformation anticipated at the Welchau anticline's crest-underscores the potential for enhanced reservoir productivity. Additionally, the detection of minor hydrocarbon shows within these formations, notably a significant increase in trip gas readings from 0.0099% to 0.1765%, primarily methane with traces of heavier hydrocarbons like ethane and propane, is a promising indicator of hydrocarbon accumulation below. Trip gas, which is incorporated into the drilling fluid when the drill pipe is removed, validates the presence of an operative petroleum system.

To date, drilling operations have proceeded without significant challenges, with minimal fluid loss to the formation. All activities adhere to, and in some cases exceed, stringent safety standards.

James Hill, CEO of MCF Energy, expressed optimism about the findings, stating, "The drilling results so far are very promising, and the indications of gas and heavier hydrocarbons are particularly encouraging for us."

MCF Energy invites all stakeholders, including shareholders, employees, and the general public, to stay updated on the Company's progress and its role in Europe's energy future, through its corporate website and social media.

About MCF Energy

MCF Energy was established in 2022 by leading energy executives to strengthen Europe's energy security through responsible exploration and development of natural gas resources within the region. The Company has secured interests in several significant natural gas exploration projects in Austria and Germany with additional concession applications pending. MCF Energy is also evaluating additional opportunities throughout Europe. The Company's leaders have extensive experience in the European energy sector and are working to develop a cleaner, cheaper, and more secure natural gas industry as a transition to renewable energy sources. MCF Energy is a publicly traded company (TSX.V: MCF; FRA: DC6; OTCQX: MCFNF) and headquartered in Vancouver, British Columbia. For further information, please visit: www.mcfenergy.com.

Additional information on the Company is available at www.sedarplus.ca under the Company's profile.

Cautionary Statements:

NEITHER THE TSX VENTURE EXCHANGE NOR ITS REGULATION SERVICES PROVIDER (AS THAT TERM IS DEFINED IN POLICIES OF THE TSX VENTURE EXCHANGE) ACCEPTS RESPONSIBILITY FOR THE ADEQUACY OR ACCURACY OF THIS RELEASE.

Advisories:

Forward-Looking Information

This press release contains forward-looking statements and forward-looking information (collectively "forward-looking information") within the meaning of applicable securities laws relating to the Company's plans and other aspects of our anticipated future operations, management focus, strategies, financial, operating and production results, industry conditions, commodity prices and business opportunities. In addition, and without limiting the generality of the foregoing, this press release contains forward-looking information regarding the anticipated timing of development plans and resource potential with respect to the Company's right to assets in Austria. Forward-looking information typically uses words such as "anticipate", "believe", "project", "expect", "goal", "plan", "intend" or similar words suggesting future outcomes, statements that actions, events or conditions "may", "would", "could" or "will" be taken or occur in the future.

The forward-looking information is based on certain key expectations and assumptions made by MCF Energy's management, including expectations and assumptions noted subsequently in this press release under oil and gas advisories, and in addition with respect to prevailing commodity prices which may differ materially from the price forecasts applicable at the time of the respective Resource Audits conducted by GCA, and differentials, exchange rates, interest rates, applicable royalty rates and tax laws; future production rates and estimates of operating costs; performance of future wells; resource volumes; anticipated timing and results of capital expenditures; the success obtained in drilling new wells; the sufficiency of budgeted capital expenditures in carrying out planned activities; the timing, location and extent of future drilling operations; the state of the economy and the exploration and production business; results of operations; performance; business prospects and opportunities; the availability and cost of financing, labour and services; the impact of increasing competition; the ability to efficiently integrate assets and employees acquired through acquisitions, the ability to market natural gas successfully and MCF's ability to access capital. Although the Company believes that the expectations and assumptions on which such forward-looking information is based are reasonable, undue reliance should not be placed on the forward-looking information because MCF Energy can give no assurance that they will prove to be correct. Since forward-looking information addresses future events and conditions, by its very nature they involve inherent risks and uncertainties. MCF Energy's actual results, performance or achievement could differ materially from those expressed in, or implied by, the forward-looking information and, accordingly, no assurance can be given that any of the events anticipated by the forward-looking information will transpire or occur, or if any of them do so, what benefits that we will derive therefrom. Management has included the above summary of assumptions and risks related to forward-looking information provided in this press release in order to provide securityholders with a more complete perspective on future operations and such information may not be appropriate for other purposes.

Readers are cautioned that the foregoing lists of factors are not exhaustive. These forward-looking statements are made as of the date of this press release and we disclaim any intent or obligation to update publicly any forward-looking information, whether as a result of new information, future events or results or otherwise, other than as required by applicable securities laws.

Oil & Gas Advisories

Boe means a barrel of oil equivalent on the basis of 6 Mcf of natural gas to 1 barrel of oil equivalent. Mcfe means one thousand cubic feet of natural gas equivalent on the basis of 6 Mcfe: 1 barrel of oil. A boe conversion ratio of 6 Mcf: 1 Boe and 6 Mcfe: 1 bbl. are based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. Given the value ratio based on the price of crude compared to the price of natural gas at various times can be significantly different from the energy equivalence of 6 Mcf: 1 boe or 6 Mcfe: 1 bbl., using Boe's and Mcfe's may be misleading as an indication of value.

Prospective Resources are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from undiscovered accumulations by application of future development projects. Prospective resources have both an associated chance of discovery and a chance of development. Prospective Resources are further subdivided in accordance with the level of certainty associated with recoverable

estimates assuming their discovery and development and may be sub classified based on project maturity.

Not all exploration projects will result in discoveries. The chance that an exploration project will result in the discovery of petroleum is referred to as the "chance of discovery." Thus, for an undiscovered accumulation, the chance of commerciality is the product of two risk components - the chance of discovery and the chance of development.

Estimates of resources always involve uncertainty, and the degree of uncertainty can vary widely between accumulations/projects and over the life of a project. Consequently, estimates of resources should generally be quoted as a range according to the level of confidence associated with the estimates. An understanding of statistical concepts and terminology is essential to understanding the confidence associated with resources definitions and categories. These concepts, which apply to all categories of resources, are outlined below. The range of uncertainty of estimated recoverable volumes may be represented by either deterministic scenarios or by a probability distribution. Resources should be provided as low, best, and high estimates as follows:

- Low Estimate and/or 1C in the case of Contingent Resources: This is considered to be a conservative estimate of the quantity that will actually be recovered. It is likely that the actual remaining quantities recovered will exceed the low estimate. If probabilistic methods are used, there should be at least a 90 percent probability (P90) that the quantities actually recovered will equal or exceed the low estimate.
- Best Estimate and/or 2C in the case of Contingent Resources: This is considered to be the best estimate of the quantity that will actually be recovered. It is equally likely that the actual remaining quantities recovered will be greater or less than the best estimate. If probabilistic methods are used, there should be at least a 50 percent probability (P50) that the quantities actually recovered will equal or exceed the best estimate.
- High Estimate and/or 3C in the case of Contingent Resources: This is considered to be an optimistic estimate of the quantity that will actually be recovered. It is unlikely that the actual remaining quantities recovered will exceed the high estimate. If probabilistic methods are used, there should be at least a 10 percent probability (P10) that the quantities actually recovered will equal or exceed the high estimate.

This approach to describing uncertainty may be applied to reserves, contingent resources, and prospective resources. There may be significant risk that sub commercial and undiscovered accumulations will not achieve commercial production, however, it is useful to consider and identify the range of potentially recoverable quantities independently of such risk.

Abbreviations:

Bcf	billion cubic feet
Bcfe	billion cubic feet of natural gas equivalent
Bbl	barrels
Boe	barrels of oil equivalent
M	thousand
MM	million
MMbbls	million barrels of oil
MMBOE	million barrels of oil equivalent
MMBC	million barrels of condensate
Mcfe	thousand cubic feet of natural gas equivalent
MMcfe/d	million cubic feet equivalent per day
Tcf	trillion cubic feet
Km^2	square kilometers
â,¬	Euros

SOURCE MCF Energy Ltd.

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