



HEMISPHERE ENERGY ANNOUNCES DRILLING PROGRAM

TSX-V: HME OTCQX: HMENF

Vancouver, British Columbia, December 19, 2022 – Hemisphere Energy Corporation ("Hemisphere" or the "Company") is pleased to report that it has commenced a two-well drilling program in the Atlee Buffalo area of southeast Alberta.

With service cost increases and labour shortages continuing to impact the industry, Hemisphere has taken advantage of an available rig at lower rates to accelerate its first quarter drilling program to December. While drilling operations are expected to be finished by year-end, the Atlee F pool wells are unlikely to be completed and brought online until January. Due to the accelerated drilling of these wells, the Company anticipates an increase of approximately \$2 million of capital spending in 2022.

The Company has also granted incentive stock options, in accordance with the Company's stock option plan, to purchase up to 2.075 million common shares until December 14, 2032, to directors, officers, and investor relations personnel at an exercise price of \$1.30 per share.

About Hemisphere Energy Corporation

Hemisphere is a dividend-paying Canadian oil company focused on maximizing value per share growth with the sustainable development of its high netback, low decline conventional heavy oil assets through water and polymer flood enhanced recovery methods. Hemisphere trades on the TSX Venture Exchange as a Tier 1 issuer under the symbol "HME" and on the OTCQX Venture Marketplace under the symbol "HMENF".

For further information, please visit the Company's website at www.hemisphereenergy.ca to view its corporate presentation or contact:

Don Simmons, President & Chief Executive Officer
Telephone: (604) 685-9255
Email: info@hemisphereenergy.ca

Website: www.hemisphereenergy.ca

Forward-looking Statements

Certain statements included in this news release constitute forward-looking statements or forward-looking information (collectively, "forward-looking statements") within the meaning of applicable securities legislation. Forward-looking statements are typically identified by words such as "anticipate", "continue", "estimate", "expect", "forecast", "may", "will", "project", "could", "plan", "intend", "should", "believe", "outlook", "potential", "target" and similar words suggesting future events or future performance. In particular, but without limiting the generality of the foregoing, this news release includes forward-looking statements including the expectation that drilling operations will be finished by year-end; that the Atlee F pool wells are unlikely to be completed and brought online until January; and the anticipation of an increase of approximately \$2 million in capital spending due to the accelerated drilling of these wells.

Forward-looking statements are based on a number of material factors, expectations or assumptions of Hemisphere which have been used to develop such statements and information, but which may prove to be incorrect. Although Hemisphere believes that the expectations reflected in such forward-looking statements or information are reasonable, undue reliance should not be placed on forward-looking statements because Hemisphere can give no assurance that such expectations will prove to be correct. In addition to other factors and assumptions which may be identified herein, assumptions have been made regarding, among other things: the length of time that oil and gas operations will be impaired by the outbreak of Covid-19; the current and go-forward oil price environment; that Hemisphere will continue to conduct its operations in a manner consistent with past operations; that results from drilling and development activities are consistent with past operations; the quality of the reservoirs in which Hemisphere operates and continued

performance from existing wells; the continued and timely development of infrastructure in areas of new production; the accuracy of the estimates of Hemisphere's reserve volumes; certain commodity price and other cost assumptions; continued availability of debt and equity financing and cash flow to fund Hemisphere's current and future plans and expenditures; the impact of increasing competition; the general stability of the economic and political environment in which Hemisphere operates; the general continuance of current industry conditions; the timely receipt of any required regulatory approvals; the ability of Hemisphere to obtain qualified staff, equipment and services in a timely and cost efficient manner; drilling results; the ability of the operator of the projects in which Hemisphere has an interest in to operate the field in a safe, efficient and effective manner; the ability of Hemisphere to obtain financing on acceptable terms; field production rates and decline rates; the ability to replace and expand oil and natural gas reserves through acquisition, development and exploration; the timing and cost of pipeline, storage and facility construction and expansion and the ability of Hemisphere to secure adequate product transportation; future commodity prices; currency, exchange and interest rates; regulatory framework regarding royalties, taxes and environmental matters in the jurisdictions in which Hemisphere operates; and the ability of Hemisphere to successfully market its oil and natural gas products.

The forward-looking statements included in this news release are not guarantees of future performance and should not be unduly relied upon. Such information and statements, including the assumptions made in respect thereof, involve known and unknown risks, uncertainties and other factors that may cause actual results or events to differ materially from those anticipated in such forward-looking statements including, without limitation: the dates in respect of the Company's dividend; changes in commodity prices; changes in the demand for or supply of Hemisphere's products, the early stage of development of some of the evaluated areas and zones; unanticipated operating results or production declines; changes in tax or environmental laws, royalty rates or other regulatory matters; changes in development plans of Hemisphere or by third party operators of Hemisphere's properties, increased debt levels or debt service requirements; inaccurate estimation of Hemisphere's oil and gas reserve volumes; limited, unfavourable or a lack of access to capital markets; increased costs; a lack of adequate insurance coverage; the impact of competitors; and certain other risks detailed from time-to-time in Hemisphere's public disclosure documents, (including, without limitation, those risks identified in this news release and in Hemisphere's Annual Information Form).

The forward-looking statements contained in this news release speak only as of the date of this news release, and Hemisphere does not assume any obligation to publicly update or revise any of the included forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required by applicable securities laws.

Oil and Gas Advisories

A barrel of oil equivalent ("boe") may be misleading, particularly if used in isolation. A boe conversion ratio of 6 Mcf:1 Bbl is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. In addition, given that the value ratio based on the current price of crude oil as compared to natural gas is significantly different from the energy equivalency of 6:1, utilizing a conversion on a 6:1 basis may be misleading as an indication of value.

Definitions and Abbreviations

bbl	Barrel	Mcf	thousand cubic feet
bbl/d	barrels per day	Mcf/d	thousand cubic feet per day
\$/bbl	dollar per barrel	\$/Mcf	dollar per thousand cubic feet
boe	barrel of oil equivalent	NGL	natural gas liquids
boe/d	barrel of oil equivalent per day	NPV10 BT	Net Present Value discounted at 10%, before tax
\$/boe	dollar per barrel of oil equivalent	IFRS	International Financial Reporting Standards
WCS	Western Canadian Select	G&A	General and Administrative Costs
US\$	United States Dollar		

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 news release.