



HEMISPHERE ENERGY GROWS PROVED RESERVE VALUE TO \$309 MILLION AND PROVED NET ASSET VALUE TO \$2.92 PER FULLY DILUTED SHARE

TSX-V: HME OTCQX: HMENF

Vancouver, BC, February 16, 2023 – Hemisphere Energy Corporation ("**Hemisphere**" or the "**Company**") is pleased to announce highlights from its independent reserves evaluation (the "**Reserve Report**"), prepared by McDaniel & Associates Consultants Ltd. ("**McDaniel**") and effective as at December 31, 2022.

In 2022, Hemisphere invested \$18.4 million to drill 13 wells, implement a polymer-surfactant flood in the Upper Mannville F oil pool ("**F pool**"), upgrade facilities in Atlee Buffalo, purchase land and seismic, and pre-purchase some of the materials for its 2023 drilling program. With Hemisphere's capital additions, corporate production increased by approximately 55% year-over-year, from 1,820 boe/d in 2021 to 2,827 boe/d in 2022. Production has since grown further to just over 3,200 boe/d (99% heavy oil, based on field estimates between Jan 13th – Feb 13th 2023) with two additional wells that were placed on production in mid-January.

Over the year, Hemisphere also reduced its year-end net debt¹ by 93% to \$1.2 million, distributed nearly \$8 million in dividends, and purchased 2.3 million shares under its normal course issuer bid ("**NCIB**") for a total price of \$3.4 million (at an average price of \$1.47/share).

Hemisphere's continued success in the development of its enhanced oil recovery projects was recognized by McDaniel in the Reserve Report. In the Proved Developed Producing ("**PDP**") category, Hemisphere replaced 188% of 2022 production and increased reserve value by 16% to \$228 million NPV10 BT (\$2.23 per basic share). Hemisphere also grew Proved ("**1P**") reserve value to \$309 million NPV10 BT (\$3.03 per basic share) and Proved plus Probable ("**2P**") reserve value to \$395 million NPV10 BT (\$3.88 per basic share).

Consistent with the 2021 year-end evaluation, McDaniel's Reserve Report incorporates full corporate abandonment, decommissioning, and reclamation costs ("**ADR**") in the PDP category. Hemisphere has always been cautious of acquiring additional wellbore and facility liabilities. A direct result of this strategy is that Hemisphere's reserves retain more comparative value per barrel than companies with additional ADR liabilities that must be deducted from their base valuations. Management estimates that total undiscounted and uninflated existing ADR is \$8.1 million (\$2.4 million NPV10 BT, with costs inflated at 2.3% in 2024 and 2%/yr thereafter), which includes all ADR associated with both active and inactive wells, pipelines, and facilities regardless of whether such wells, pipelines, and facilities had any attributed reserves. Based on public information, Hemisphere stands out among its industry peers as being within the top 8% of Alberta oil and gas operators for its industry-leading liability management ratio ("**LMR**") of 17, resulting in Hemisphere having less than 1% of its PDP net present value impaired by ADR.

Hemisphere's low decline, long life, and high value reserves are a sign of the tremendous resource the Company has been developing over the past number of years. These valuable assets are the backbone of Hemisphere and are expected to generate significant free cash flow as they continue to grow with planned additional development and optimization of enhanced oil recovery techniques.

¹ Net debt is a non-IFRS measure that does not have any standardized meaning under IFRS and therefore may not be comparable to similar measures presented by other entities. Refer to the section "Non-IFRS and Other Specified Financial Measures".

2022 Reserve Highlights

Proved Developed Producing ("PDP") Reserves

- NPV10 BT of \$228 million, an increase of 16% over year-end 2021 and equivalent to \$2.23 per basic share.
- Replaced 188% of 2022 production through organic development.
- Increased reserve volumes year-over-year by 13% to 8.2 MMboe (99.7% heavy crude oil).
- Achieved an F&D cost of \$7.81/boe (including changes in FDC) for a recycle ratio of 7.3.
- RLI of 7.9 years based on 2022 production.

Proved ("1P") Reserves

- NPV10 BT of \$309 million, an increase of 12% over year-end 2021 and equivalent to \$3.03 per basic share.
- Replaced 121% of 2022 production through organic development.
- Increased reserve volumes year-over-year by 2% to 12.2 MMboe (99.3% heavy crude oil).
- Achieved an F&D cost of \$11.59/boe (including changes in FDC) for a recycle ratio of 4.9.
- RLI of 12 years based on 2022 production.
- NAV of \$2.92 per fully diluted share based on Reserve Report pricing assumptions.
- NAV of \$3.00 and \$3.96 per fully diluted share based on Reserve Report run internally at McDaniel's pricing sensitivities of \$80 and \$100 WTI flat pricing.

Proved plus Probable ("2P") Reserves

- NPV10 BT of \$395 million, an increase of 12% over year-end 2021 and equivalent to \$3.88 per basic share.
- Replaced 131% of 2022 production through organic development.
- Increased reserve volumes year-over-year by 2% to 16.0 MMboe (99.3% heavy crude oil).
- Achieved an F&D cost of \$12.52/boe (including changes in FDC) for a recycle ratio of 4.5.
- RLI of 16 years based on 2022 production.
- NAV of \$3.72 per fully diluted share based on Reserve Report pricing assumptions.
- NAV of \$3.80 and \$4.98 per fully diluted share based on Reserve Report run internally at McDaniel's pricing sensitivities of \$80 and \$100 WTI flat pricing.

2022 Independent Qualified Reserve Evaluation

The reserves data set forth below is based upon an independent reserves evaluation prepared by McDaniel dated February 15, 2023 with an effective date of December 31, 2022, and is in accordance with definitions, standards, and procedures contained within COGEH and National Instrument 51-101 *Standards of Disclosure for Oil and Gas Activities* ("NI 51-101"). Additional reserve information as required under NI 51-101 will be included in Hemisphere's Annual Information Form which will be filed on SEDAR on or before April 30, 2023. Due to rounding, certain totals in the columns may not add in the following tables. All dollar values are in Canadian dollars, unless otherwise noted.

Pricing Assumptions

McDaniel's independent evaluation was based on the average of the published price forecasts for McDaniel, GLJ Petroleum Consultants Ltd., and Sproule Associates Ltd. (the "3-Consultant Average Price Forecast") at January 1, 2023, with the following table detailing pricing and foreign exchange rate assumptions. Hemisphere's corporate production historically averages a discount of approximately \$4.50 to WCS pricing. When compared to last year's 3-Consultant Average Price Forecast dated January 1, 2022, the current WCS

pricing outlook is up approximately 11% in 2022, and 17% thereafter over the next 15-year period, contributing to higher net present values being reported across the board in this year's Reserve Report. The 2023 3-Consultant Average Price Forecast uses a 5-year 2023-27 WTI price of US\$78.51/bbl and WCS price of Cdn\$78.76/bbl.

3-Consultant Average Price Forecast January 1, 2022							3-Consultant Average Price Forecast January 1, 2023						
	WTI Crude Oil (\$US/bbl)	Edmonton Light Crude Oil (\$Cdn/bbl)	Western Canadian Select WCS Crude Oil (\$Cdn/bbl)	AECO Spot Price (\$Cdn/MM Btu)	Inflation (%)	US/Cdn Exchange Rate (\$US/\$Cdn)		WTI Crude Oil (\$US/bbl)	Edmonton Light Crude Oil (\$Cdn/bbl)	Western Canadian Select WCS Crude Oil (\$Cdn/bbl)	AECO Spot Price (\$Cdn/MM Btu)	Inflation (%)	US/Cdn Exchange Rate (\$US/\$Cdn)
2023	68.78	80.73	69.17	3.21	2.3	0.797	2023	80.33	103.76	76.54	4.23	0	0.745
2024	66.76	78.01	66.54	3.05	2	0.797	2024	78.50	97.74	77.75	4.40	2.3	0.765
2025	68.09	79.57	67.87	3.11	2	0.797	2025	76.95	95.27	77.55	4.21	2	0.768
2026	69.45	81.16	69.23	3.17	2	0.797	2026	77.61	95.58	80.07	4.27	2	0.772
2027	70.84	82.78	70.61	3.23	2	0.797	2027	79.16	97.07	81.89	4.34	2	0.775
2028	72.26	84.44	72.02	3.30	2	0.797	2028	80.74	99.01	84.02	4.43	2	0.775
2029	73.70	86.13	73.46	3.36	2	0.797	2029	82.36	100.99	85.73	4.51	2	0.775
2030	75.18	87.85	74.69	3.43	2	0.797	2030	84.00	103.01	87.44	4.60	2	0.775
2031	76.68	89.61	76.19	3.50	2	0.797	2031	85.69	105.07	89.20	4.69	2	0.775
2032	78.21	91.40	77.71	3.57	2	0.797	2032	87.40	106.69	91.11	4.79	2	0.775
2033	79.78	93.23	79.27	3.64	2	0.797	2033	89.15	108.83	92.93	4.88	2	0.775
2034	81.37	95.09	80.85	3.71	2	0.797	2034	90.93	111.00	94.79	4.98	2	0.775
2035	83.00	96.99	82.47	3.79	2	0.797	2035	92.75	113.22	96.69	5.08	2	0.775
2036	84.66	98.93	84.12	3.86	2	0.797	2036	94.61	115.49	98.62	5.18	2	0.775
2037	86.35	100.91	85.80	3.94	2	0.797	2037	96.50	117.80	100.59	5.29	2	0.775

Summary of Reserves⁽¹⁾

Reserves Category	Heavy Oil (Mbbbl)	Conventional Natural Gas (MMcf)	Total (Mboe)
Proved			
Developed Producing	8,163	130	8,185
Developed Non-Producing	82	93	98
Undeveloped	3,847	255	3,889
Total Proved	12,092	478	12,171
Probable	3,836	166	3,864
Total Proved plus Probable	15,928	644	16,035

Note:

(1) Reserves are presented as "gross reserves" which are the Company's working interest reserves before royalty deductions and without including any royalty interests.

Summary of Net Present Value of Future Net Revenue, Before Tax ("NPV BT")⁽¹⁾⁽²⁾

Reserves Category	NPV BT (M\$, except per share amount) Discounted at (% per Year)		
	0%	5%	10%
Proved			
Developed Producing	324,741	268,696	227,669
Developed Non-Producing	1,042	891	770
Undeveloped	136,170	103,293	80,080
Total Proved	461,953	372,879	308,519
Probable	166,409	116,215	86,829
Total Proved plus Probable	628,362	489,095	395,348
Per basic share⁽³⁾			
Proved Developed Producing	3.18	2.63	2.23
Proved	4.53	3.66	3.03
Proved plus Probable	6.16	4.80	3.88

Notes:

- (1) Based on the average of the published price forecasts for McDaniel, GLJ Petroleum Consultants Ltd., and Sproule Associates Ltd. at January 1, 2023, as outlined in the table herein entitled "Pricing Assumptions".
- (2) It should not be assumed that the estimates of net present value of future net revenues presented in this table represent the fair market value of Hemisphere's reserves.
- (3) Based on there being 101,978,939 issued and outstanding shares of the Company as of December 31, 2022.

Future Development Costs ("FDC")

The following summarizes the development costs deducted in the estimation of the net present value of the future net revenue attributable to 1P and 2P reserves.

	Forecast Costs (M\$)	
	1P	2P
2023	13,217	13,217
2024	16,762	16,762
2025	11,165	11,165
2026	1,692	7,120
2027	2,251	2,251
Subsequent years	-	-
Total Undiscounted	45,087	50,515
Total Discounted at 10%	38,264	42,092

Finding and Development ("F&D") Costs and Recycle Ratios⁽¹⁾⁽²⁾

	2022		
	PDP	1P	2P
Exploration and development capital (M\$) ⁽³⁾⁽⁴⁾	17,174	17,174	17,174
Total changes in FDC (M\$)	-1,999	-2,678	-206
Total F&D Capital, including changes in FDC (M\$)	15,175	14,496	16,968
Reserve additions, including revisions (Mboe)	1,942	1,251	1,355
F&D costs⁽⁵⁾, including changes in FDC (\$/boe)	7.81	11.59	12.52
Recycle Ratio⁽⁶⁾	7.3	4.9	4.5

Notes:

- (1) All financial information included in this news release is per Hemisphere's preliminary unaudited financial statements for the year ended December 31, 2022, which have not yet been approved by the Company's audit committee or board of directors and therefore represents management's estimates. Readers are advised that these financial estimates may be subject to change as a result of the completion of the independent audit on Hemisphere's financial statements for the year ended December 31, 2022, and the review and approval of same with the Company's audit committee and board of directors.
- (2) See "Oil and Gas Advisories" and "Oil and Gas Metrics".
- (3) Exploration and development capital excludes capitalized administration costs.
- (4) The aggregate of the exploration and development costs incurred in the financial year and change during that year in estimated future development costs generally will not reflect total finding and development costs related to reserve additions for that year.
- (5) F&D costs are calculated as the sum of exploration and development capital plus the change in future development capital (FDC) for the period divided by the change in reserves for the period. Finding and development costs take into account reserves revisions during the year on a per boe basis, and 2022 production of 2,827 boe/d.
- (6) Recycle ratio is calculated as Operating field netback divided by F&D costs. Operating field netback is a non-IFRS measure that does not have any standardized meaning under IFRS and therefore may not be comparable to similar measures presented by other entities. Refer to the section "Non-IFRS and Other Specified Financial Measures". The Company's estimated Operating field netback in 2022 was \$56.66/boe (unaudited).

Reserve Life Index ("RLI")

	As of December 31, 2022 ⁽¹⁾
PDP	7.9
1P	11.8
2P	15.5

Note:

- (1) Calculated as the applicable reserves volume divided by Hemisphere's average 2022 production of 2,827 boe/d.

Net Asset Value ("NAV")⁽¹⁾

(MM\$ except share amounts)	As at December 31, 2022		
	Consultant Average Price Forecast	\$80 WTI	\$100 WTI
1P NPV10 BT ⁽²⁾	309	318	422
2P NPV10 BT ⁽²⁾	395	404	532
Undeveloped Land and Seismic ⁽³⁾		2	
Proceeds from Stock Options		6	
Net Debt ⁽⁴⁾		(1)	
Million Shares Outstanding (fully diluted)		108	
1P NAV per share (fully diluted)	\$2.92	\$3.00	\$3.96
2P NAV per share (fully diluted)	\$3.72	\$3.80	\$4.98

Notes:

- (1) Calculated using the respective net present values of 1P and 2P reserves, before tax and discounted at 10%, plus internally valued undeveloped land & seismic and proceeds from and stock options, less net debt⁽⁴⁾, and divided by fully diluted outstanding shares. Net present values are shown at various price forecasts including the 3-Consultant Average Price Forecast used in the McDaniel Reserve Report, as well as sensitivities run internally at McDaniel's flat WTI price forecasts of US\$80 and US\$100 WTI paired with US\$19.96 and US\$24.16 WCS differentials respectively, and 1.33 USD/CAD FX.
- (2) 100% of existing and future corporate ADR has been included in the McDaniel Reserve Report. Total corporate ADR accounted for in the 2022 reserve report, including that for future development, amounts to \$3.0 million NPV10 BT in each of the 1P and 2P categories, respectively.
- (3) Based on an internal evaluation by management of Hemisphere as of December 31, 2022, with an average value of \$50 per acre for 22,439 undeveloped net acres, and \$0.55 million for seismic.
- (4) Net debt is a non-IFRS measure that does not have any standardized meaning under IFRS and therefore may not be comparable to similar measures presented by other entities. Refer to the section "Non-IFRS and Other Specified Financial Measures". All financial information as at December 31, 2022 is per Hemisphere's preliminary unaudited financial statements for the year ended December 31, 2022, which has not yet been approved by the Company's audit committee or board of directors and therefore represents management's estimates. Readers are advised that these financial estimates may be subject to changes as a result of the completion of the independent audit on Hemisphere's financial statements for the year ended December 31, 2022, and the review and approval of same with the Company's audit committee and board of directors.

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 "HMFENF".

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

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Definitions and Abbreviations

bbl	barrel	\$US	United States dollar
Mbbl	thousands of barrels	\$Cdn	Canadian dollar
MMbbl	millions of barrels	M\$	thousand dollars
boe	barrel of oil equivalent	MM	million
boe/d	barrel of oil equivalent per day	NPV BT	Net Present Value of future net revenue, before tax
Mboe	thousands of barrels of oil equivalent	NPV10 BT	NPV BT, discounted at 10%
MMboe	millions of barrels of oil equivalent	FX	Foreign Exchange
MMcf	million cubic feet	FDC	Future Development Costs
MMbtu	million British Thermal Unit	F&D Cost	Finding and Development Costs
AECO	Alberta Energy Company	NAV	Net Asset Value
WCS	Western Canadian Select	RLI	Reserve Life Index
WTI	West Texas Intermediate		

Forward-looking Statements

This news release contains certain forward-looking information and statements within the meaning of applicable securities laws. The use of any of the words "expect", "anticipate", "continue", "estimate", "may", "will", "project", "should", "believe", "plans", "intends" and similar expressions are intended to identify forward-looking information or statements. In particular, but without limiting the foregoing, this news release contains forward-looking information and statements pertaining to the following: the Company's expectations that its assets are expected to generate significant free funds flow as they continue to grow with planned additional development and optimization of enhanced oil recovery techniques; the volumes of Hemisphere's oil and gas reserves and the estimated net present values of the future net revenues of such reserves; the Company's estimates of ADR; and the Company's anticipated filing date for its annual information form for the year ending December 31, 2022. In addition, statements relating to "reserves" are deemed to be forward-looking statements, as they involve the implied assessment, based on certain estimates and assumptions, that the reserves described can be profitably produced in the future.

The estimates of Hemisphere's reserves and the recovery factors provided herein are estimates only and there is no guarantee that the estimated reserves will be recovered. In addition, forward-looking statements or information 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: that Hemisphere will continue to conduct its operations in a manner consistent with past operations; 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; inflation rates and cost escalations; 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 impact of COVID-19 on the Company's operations and demand for oil and natural gas; 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 information and 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 information or statements including, without limitation: changes in commodity prices; regulatory risks, including penalties or other remedial action; the ability of the Company to maintain legal title to its properties; changes to, or restrictions of, labour, supplies, and infrastructure as a result of COVID-19; 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; changes in budgets; 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 information and 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 or information, whether as a result of new information, future events or otherwise, except as may be required by applicable securities laws.

Oil and Gas Advisories

All reserve references in this news release are "gross" or "Company interest reserves". Such reserves are the Company's total working interest reserves before the deduction of any royalties and without including any royalty interests of the Company.

It should not be assumed that the net present value of the estimated net revenues presented in this news release represent the fair market value of the reserves. There is no assurance that the forecast prices and costs assumptions will be attained, and variances could be material. The recovery and reserve estimates of Hemisphere's crude oil, natural gas liquids and natural gas reserves provided herein are estimates only and there is no guarantee that the estimated reserves will be recovered. Actual crude oil, natural gas and natural gas liquids reserves may be greater than or less than the estimates provided herein. Estimates of net present value and future net revenue contained herein do not necessarily represent fair market value. Estimates of reserves and future net revenue for individual properties may not reflect the same level of confidence as estimates of reserves and future net revenue for all properties, due to the effect of aggregation. There is no assurance that the forecast price and cost assumptions in evaluating Hemisphere's reserves will be attained and variances could be material.

All future net revenues are estimated using forecast prices, arising from the anticipated development and production of our reserves, net of the associated royalties, operating costs, development costs and abandonment and reclamation costs and are stated prior to provision for interest and general and administrative expenses. Future net revenues have been presented in this news release on a before tax basis.

"Boe" means barrel of oil equivalent on the basis of 6 mcf of natural gas to 1 bbl of oil. Boe's 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.

Oil and Gas Metrics

This news release contains metrics commonly used in the oil and natural gas industry, such as finding and development ("F&D") costs, "recycle ratio", "operating netback" and "reserve life index ("RLI)". These terms do not have a standardized meaning and the Company's calculation of such metrics may not be comparable to the calculation method used or presented by other companies for the same or similar metrics, and therefore should not be used to make such comparisons.

"Finding and development costs" or "F&D costs" are calculated as the sum of exploration and development capital plus the change in future development capital ("FDC") for the period divided by the change in reserves for the period. Finding and development costs take into account reserves revisions during the year on a per boe basis. The aggregate of the exploration and development costs incurred in the financial year and changes during that year in estimated future development costs generally will not reflect total finding and development costs related to reserves additions for that year. Management uses F&D costs as a measure of capital efficiency for organic reserves development.

"Exploration and development capital" means the aggregate exploration and development costs incurred in the financial year. Exploration and development capital excludes capitalized administration costs.

"Recycle ratio" is calculated as the operating field netback divided by the F&D cost per boe for the year. Operating field netback is a non-IFRS financial measure (refer to the section "Non-IFRS and Other Specified Financial Measures"). Management uses recycle ratio to relate the cost of adding reserves to the expected cash flows to be generated.

"Reserve life index" is calculated as total company interest reserves divided by annual production, for the year indicated.

"NAV per fully diluted share" is calculated using the respective net present values of 1P and 2P reserves, before tax and discounted at 10%, plus internally valued undeveloped land & seismic and proceeds from warrants and stock options, less net debt, and divided by

fully diluted outstanding shares. Net present values are shown at various price forecasts including the 3-Consultant Average Price Forecasts used in the McDaniel Reserve Report, as well as sensitivities run internally at McDaniel's flat WTI price forecasts of US\$80 and US\$100 WTI paired with US\$19.96 and US\$24.16 WCS differentials respectively, and 1.33 USD/CAD FX. Management uses NAV per share as a measure of the relative change of Hemisphere's net asset value over its outstanding common shares over a period of time.

Management uses these oil and gas metrics for its own performance measurements and to provide shareholders with measures to compare the Company's operations over time. Readers are cautioned that the information provided by these metrics, or that can be derived from the metrics presented in this news release, should not be relied upon for investment or other purposes.

Financial Information

Certain financial information included in this news release is per Hemisphere's preliminary unaudited financial statements for the year ended December 31, 2022, which have not yet been approved by the Company's audit committee or board of directors and therefore represents management's estimates. Readers are advised that these financial estimates may be subject to change as a result of the completion of the independent audit on Hemisphere's financial statements for the year ended December 31, 2022, and the review and approval of same with the Company's audit committee and board of directors. All amounts are expressed in Canadian dollars unless otherwise noted.

Non-IFRS and Other Specified Financial Measures

Certain measures commonly used in the oil and natural gas industry referred to herein, including "Net debt" and "Operating netback", do not have standardized meanings prescribed by IFRS and therefore may not be comparable with the calculation of similar measures by other companies. These non-IFRS measures are further described and defined below. Investors are cautioned that these measures should not be construed as alternatives to or more meaningful than the most directly comparable IFRS measures as indicators of Hemisphere's performance. Set forth below are descriptions of the non-IFRS financial measures used in this news release.

"Net debt" is closely monitored by the Company to ensure that its capital structure is maintained by a strong balance sheet to fund the future growth of the Company. Net debt is used in this document in the context of liquidity and is calculated as the total of the Company's bank debt plus current assets, less current liabilities, excluding the fair value of financial instruments, lease and warrant liabilities. Net debt is reconciled to bank debt, which is the most directly comparable IFRS measure.

(\$MM)	Twelve Months Ended December 31, 2022 (unaudited)
Bank debt	\$ -
Current assets	6.3
Current liabilities	(7.8)
Net debt	\$ (1.2)

"Operating field netback" is calculated as oil and gas sales, less royalties, operating expenses, and transportation costs on an absolute and per barrel of oil equivalent basis. Operating netback per boe and Operating field netback per boe are calculated by dividing the respective terms by the applicable barrels of oil equivalent of production. A reconciliation of Operating netback and Operating field netback per boe to the most directly comparable measure calculated and presented in accordance with IFRS is as follows:

(\$/boe)	Twelve Months Ended December 31, 2022 (unaudited)
Average realized sales	\$ 93.71
Royalties	(23.72)
Operating and transportation expenses	(13.33)
Operating field netback	\$ 56.66

The Company has provided additional information on how these measures are calculated in the Management's Discussion and analysis for the year ended December 31, 2021 and for the three and nine month periods ended September 30, 2022, which are available under the Company's SEDAR profile at www.sedar.com.

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.