

# Management's Discussion and Analysis

**Q1 2023**



This Management's Discussion and Analysis of the financial condition and results of operations ("MD&A") of Athabasca Oil Corporation ("Athabasca" or the "Company") is dated May 10, 2023 and should be read in conjunction with the unaudited condensed interim consolidated financial statements ("Consolidated Financial Statements") as at and for the three months ended March 31, 2023, and the MD&A and audited consolidated financial statements of the Company for the year ended December 31, 2022. These financial statements, including the comparative figures, were prepared in accordance with International Financial Reporting Standards ("IFRS"). This MD&A contains forward looking information based on the Company's current expectations and projections. For information on the material factors and assumptions underlying such forward-looking information, refer to the "Advisories and Other Guidance" section within this MD&A. Also see the "Advisories and Other Guidance" section within this MD&A for important information regarding the Company's reserves and resource information and abbreviations included in this MD&A. Additional information relating to Athabasca is available on SEDAR at [www.sedar.com](http://www.sedar.com), including the Company's most recent Annual Information Form dated March 1, 2023 ("AIF"). The Company's common shares are listed on the Toronto Stock Exchange under the trading symbol "ATH".

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## ATHABASCA'S STRATEGY

Athabasca is a liquids-weighted intermediate producer with exposure to Canada's most active resource plays (Oil Sands, Montney, Duvernay). The Company's strategy is guided by:

- Thermal Oil: Predictable, Low Decline Production
- Light Oil - Montney at Placid and Duvernay at Kaybob: De-risked High Margin Liquids Rich Development
- Financial Sustainability: Low Leverage, Flexible Capital, Prudent Risk Management

Athabasca is currently focused on maximizing corporate free cash flow and maintaining its production base with low sustaining capital requirements. The Company has long term growth optionality across a deep inventory of high-quality Thermal Oil projects and flexible Light Oil development opportunities. This balanced portfolio provides shareholders with differentiated exposure to liquids weighted production and significant long reserve life assets.

## FIRST QUARTER 2023 HIGHLIGHTS

### Corporate

- Production of 34,683 boe/d (93% Liquids<sup>(1)</sup>).
- Petroleum, natural gas & midstream sales of \$290.7 million.
- Operating Income<sup>(1)</sup> of \$56.5 million (\$34.5 million Operating Income Net of Realized Hedging<sup>(1)</sup>).
- Operating Netback<sup>(1)</sup> of \$16.85/boe (\$10.27/boe Operating Netback Net of Realized Hedging<sup>(1)</sup>).
- Liquidity<sup>(1)</sup> of \$261.1 million, including \$173.3 million of cash as at March 31, 2023.
- Redeemed \$18.3 million (US\$13.3 million) of the 2026 Notes during the first quarter of 2023; principal balance of \$219.0 million (US\$161.8 million) represents a 54% reduction from the original US\$350 million Notes issuance in 2021.

### Thermal Oil Division

- Production of 29,179 bbl/d.
- Petroleum, natural gas & midstream sales of \$269.1 million.
- Operating Income<sup>(1)</sup> of \$41.5 million.
- Operating Netback<sup>(1)</sup> of \$14.52/bbl.
- Capital expenditures of \$22.8 million; activity focused at Leismer and included commencing the steaming of the next five well pairs at Pad L8 and advancing the expansion project that will support growth to 28,000 bbl/d by mid-2024.

### Light Oil Division

- Production of 5,504 boe/d (57% Liquids<sup>(1)</sup>).
- Petroleum, natural gas & midstream sales of \$29.9 million.
- Operating Income<sup>(1)</sup> of \$15.0 million.
- Operating Netback<sup>(1)</sup> of \$30.35/boe.
- Capital expenditures of \$1.9 million; activity included readiness activity for a drilling program in the second half of 2023.

(1) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on Non-GAAP Financial Measures and production disclosure.

## FINANCIAL & OPERATIONAL HIGHLIGHTS

The following tables summarize selected financial and operational information of the Company for the periods indicated:

(\$ Thousands, unless otherwise noted)	Three months ended	
	March 31, 2023	2022
<b>CONSOLIDATED</b>		
Petroleum and natural gas production (boe/d) <sup>(1)</sup>	34,683	34,679
Petroleum, natural gas and midstream sales	\$ 290,741	\$ 389,424
Operating Income (Loss) <sup>(1)</sup>	\$ 56,535	\$ 150,640
Operating Income (Loss) Net of Realized Hedging <sup>(1)(2)</sup>	\$ 34,480	\$ 102,994
Operating Netback (\$/boe) <sup>(1)</sup>	\$ 16.85	\$ 47.40
Operating Netback Net of Realized Hedging (\$/boe) <sup>(1)(2)</sup>	\$ 10.27	\$ 32.41
Capital expenditures	\$ 26,362	\$ 30,929
Free Cash Flow <sup>(1)</sup>	\$ (35,758)	\$ 43,832
<b>THERMAL OIL DIVISION</b>		
Bitumen production (bbl/d) <sup>(1)</sup>	29,179	27,909
Petroleum, natural gas and midstream sales	\$ 269,102	\$ 360,281
Operating Income (Loss) <sup>(1)</sup>	\$ 41,497	\$ 120,837
Operating Netback (\$/bbl) <sup>(1)</sup>	\$ 14.52	\$ 47.04
Capital expenditures	\$ 22,836	\$ 21,182
<b>LIGHT OIL DIVISION</b>		
Petroleum and natural gas production (boe/d) <sup>(1)</sup>	5,504	6,770
Percentage Liquids (%) <sup>(1)</sup>	57%	57%
Petroleum, natural gas and midstream sales	\$ 29,889	\$ 45,108
Operating Income (Loss) <sup>(1)</sup>	\$ 15,038	\$ 29,803
Operating Netback (\$/boe) <sup>(1)</sup>	\$ 30.35	\$ 48.92
Capital expenditures	\$ 1,876	\$ 7,987
<b>CASH FLOW AND FUNDS FLOW</b>		
Cash flow from operating activities	\$ 20,537	\$ 59,862
per share - basic	\$ 0.04	\$ 0.11
Adjusted Funds Flow <sup>(1)</sup>	\$ (9,396)	\$ 74,761
per share - basic	\$ (0.02)	\$ 0.14
<b>NET INCOME (LOSS) AND COMPREHENSIVE INCOME (LOSS)</b>		
Net income (loss) and comprehensive income (loss)	\$ (56,635)	\$ (119,601)
per share - basic	\$ (0.10)	\$ (0.23)
per share - diluted	\$ (0.10)	\$ (0.23)
<b>COMMON SHARES OUTSTANDING</b>		
Weighted average shares outstanding - basic	586,631,143	531,091,102
Weighted average shares outstanding - diluted	586,631,143	531,091,102

As at (\$ Thousands)	March 31, 2023	December 31, 2022
<b>LIQUIDITY AND BALANCE SHEET</b>		
Cash and cash equivalents	\$ 173,280	\$ 197,525
Available credit facilities <sup>(3)</sup>	\$ 87,838	\$ 87,838
Face value of term debt <sup>(4)</sup>	\$ 219,009	\$ 237,231

(1) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on Non-GAAP Financial Measures and production disclosure.

(2) Includes realized commodity risk management loss of \$22.1 million for the three months ended March 31, 2023 (three months ended March 31, 2022 – loss of \$47.6 million).

(3) Includes available credit under Athabasca's Credit Facility and Unsecured Letter of Credit Facility.

(4) The face value of the term debt at March 31, 2023 was US\$162 million (December 31, 2022 – US\$175 million) translated into Canadian dollars at the March 31, 2023 exchange rate of US\$1.00 = C\$1.3533 (December 31, 2022 – C\$1.3544).

## BUSINESS ENVIRONMENT

### Benchmark prices

(Average)	Three months ended		
	March 31,		
	2023	2022	Change
Crude oil:			
West Texas Intermediate (WTI) (US\$/bbl) <sup>(1)</sup>	\$ 76.13	\$ 94.29	(19) %
West Texas Intermediate (WTI) (C\$/bbl) <sup>(1)</sup>	\$ 102.92	\$ 119.38	(14) %
Western Canadian Select (WCS) (C\$/bbl) <sup>(2)</sup>	\$ 69.42	\$ 100.96	(31) %
Edmonton Par (C\$/bbl) <sup>(3)</sup>	\$ 99.34	\$ 115.62	(14) %
Edmonton Condensate (C5+) (C\$/bbl) <sup>(4)</sup>	\$ 105.44	\$ 120.84	(13) %
WCS Differential:			
to WTI (US\$/bbl)	\$ (24.77)	\$ (14.53)	70 %
to WTI (C\$/bbl)	\$ (33.50)	\$ (18.42)	82 %
Edmonton Par Differential:			
to WTI (US\$/bbl)	\$ (2.86)	\$ (2.96)	(3) %
to WTI (C\$/bbl)	\$ (3.58)	\$ (3.76)	(5) %
Natural gas:			
AECO (C\$/GJ) <sup>(5)(6)</sup>	\$ 3.05	\$ 4.49	(32) %
Foreign exchange:			
USD : CAD	1.3519	1.2661	7 %

Primary benchmark for:

- (1) Light oil pricing in North America.
- (2) Athabasca's Heavy oil (i.e. blended bitumen) sales.
- (3) Light oil (i.e. light and medium crude oil and tight oil) sales in the Company's Light Oil Division.
- (4) Natural gas liquids condensate sales in the Company's Light Oil Division and for diluent purchases in the Thermal Oil Division.
- (5) Natural gas consumed by Athabasca in order to generate steam in the Thermal Oil Division.
- (6) Natural gas (i.e. shale gas and conventional natural gas) sales in the Company's Light Oil Division.

Global oil benchmarks have been supported by improving demand and structural supply deficits. The war in Ukraine has amplified the emphasis on energy security and sanctions continue to alter energy flows across the globe. Athabasca maintains a constructive outlook on oil prices supported by years of industry underinvestment and demand trends moving higher led by China emerging from COVID restrictions.

Canadian WCS heavy differentials temporarily widened through the latter half of 2022 and early in 2023 as a result of unprecedented US Strategic Petroleum Reserve ("SPR") heavy barrel releases, TC Energy's Keystone pipeline leak in December 2022, the war in Ukraine impacting global heavy crude oil flows and significant unplanned US refinery outages. Pricing has significantly improved as these transitory headwinds have eased. Differentials are currently trading at approximately US\$15 compared with an average of US\$24.77 in the first quarter of 2023. The supply-demand outlook for heavy barrels is expected to be supported by additional OPEC+ production cuts, the start-up of the Trans Mountain pipeline expansion (590,000 bbl/d) and the start-up of new global heavy oil refining capacity. These factors are expected to strengthen WCS prices into the back half of 2023 and 2024.

## OUTLOOK

2023 Operational & Financial Guidance (\$ millions, unless otherwise noted)	Original Guidance	Updated Guidance
	Dec. 7, 2022	May 10, 2023
Production (boe/d) <sup>(1)</sup>	34,500-36,000	34,500-36,000
% Liquids <sup>(1)</sup>	93%	93%
Adjusted Funds Flow <sup>(1)(2)(3)</sup>	\$415	\$325-400
Free Cash Flow <sup>(1)(2)(3)</sup>	\$270	\$180-255
Capital Expenditures	\$145	\$145
Thermal Oil	\$120	\$120
Light Oil	\$25	\$25

(1) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on Non-GAAP measures and production disclosure.

(2) Pricing assumptions for December 7, 2022 guidance: US\$85 WTI, US\$17.50 Western Canadian Select "WCS" heavy differential, C\$5 AECO, and \$0.75 C\$/US\$ FX.

(3) Pricing assumptions for May 10, 2023 guidance: First quarter actual results and flat pricing of US\$80-90 WTI, US\$15 WCS heavy differential, C\$3 AECO, and \$0.74 C\$/US\$ FX for the remainder of 2023.

Athabasca's 2023 annual guidance remains unchanged at 34,500–36,000 boe/d (93% Liquids). Production is expected to grow by 5–7% through expansion plans at Leismer and modest investment in the Light Oil assets. The portfolio of long life assets underpin a low corporate decline of approximately 5% annually. The Company is executing its \$145 million capital program in 2023, capital activity will be primarily focused on advancing the expansion project at Leismer and is expected to exit 2023 with production of approximately 24,000 bbl/d.

Athabasca is committed to allocating a minimum of 75% of Excess Cash Flow (Adjusted Funds Flow less Sustaining Capital) in 2023 to shareholders through share buybacks. The buyback program commenced in April and to date the Company has repurchased for cancellation 6.2 million common shares for total consideration of \$20 million. Additional Excess Cash Flow allocation will be commodity price dependent and could include additional share repurchases dependent on valuation, further debt reduction or high return growth projects.

Athabasca has excellent exposure to upside in commodity prices with 25% of forecasted 2023 production volumes hedged through collars, providing upside to approximately US\$106 WTI.

Athabasca is proud to publish its third ESG report, aligning to leading ESG standards and frameworks including Global Reporting Initiative ("GRI"), Sustainability Accounting Standards Board ("SASB") and Task Force for Climate Disclosure ("TCFD") guidelines. The Company is on track to achieve its stated target of a 30% reduction in emissions intensity by 2025. Athabasca has also partnered with Entropy Inc. to implement carbon capture and storage ("CCS") at Leismer, using Entropy's proprietary CCS technology. This project is expected to be sanctioned once government fiscal and regulatory policy for CCS projects are fully in place. The Company's safety culture is deeply embedded and total recordable injury frequency (TRIF) averaged 0.08 in 2022, well below our target of 0.5x and building on our excellent safety record.

## CONSOLIDATED RESULTS

For analysis of operating results see the Thermal Oil Division and Light Oil Division sections within this MD&A. For further details related to commodity risk management gains/losses see the Risk Management Contracts section.

### Consolidated Operating Results

	Three months ended March 31,	
	2023	2022
<b>PRODUCTION</b>		
Bitumen (bbl/d)	29,179	27,909
Oil and condensate (bbl/d) <sup>(1)</sup>	2,390	3,071
Natural gas (Mcf/d) <sup>(1)</sup>	14,358	17,631
Other natural gas liquids (bbl/d) <sup>(1)</sup>	721	760
<b>Total (boe/d)<sup>(1)</sup></b>	<b>34,683</b>	<b>34,679</b>

(1) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on production disclosure.

	Three months ended March 31,	
(\$ Thousands, unless otherwise noted)	2023	2022
Petroleum, natural gas and midstream sales <sup>(1)</sup>	\$ 298,991	\$ 405,389
Royalties	(12,169)	(38,365)
Cost of diluent <sup>(1)</sup>	(148,933)	(139,911)
Operating expenses	(54,698)	(52,475)
Transportation and marketing <sup>(2)</sup>	(26,656)	(23,998)
Operating Income (Loss) <sup>(3)</sup>	56,535	150,640
Realized gain (loss) on commodity risk management contracts	(22,055)	(47,646)
<b>OPERATING INCOME (LOSS) NET OF REALIZED HEDGING<sup>(3)</sup></b>	<b>\$ 34,480</b>	<b>\$ 102,994</b>
<b>REALIZED PRICES<sup>(3)</sup></b>		
Heavy oil (Blended bitumen) (\$/bbl) <sup>(3)</sup>	\$ 65.70	\$ 96.65
Oil and condensate (\$/bbl) <sup>(3)</sup>	99.47	116.00
Natural gas (\$/Mcf) <sup>(3)</sup>	3.72	5.20
Other natural gas liquids (\$/bbl) <sup>(3)</sup>	56.79	70.15
Realized price (net of cost of diluent) (\$/boe) <sup>(3)</sup>	44.74	83.53
Royalties (\$/boe) <sup>(3)</sup>	(3.63)	(12.07)
Operating expenses (\$/boe) <sup>(3)</sup>	(16.31)	(16.51)
Transportation and marketing (\$/boe) <sup>(2)(3)</sup>	(7.95)	(7.55)
Operating Netback (\$/boe) <sup>(3)</sup>	16.85	47.40
Realized gain (loss) on commodity risk mgmt. contracts (\$/boe) <sup>(3)</sup>	(6.58)	(14.99)
<b>OPERATING NETBACK NET OF REALIZED HEDGING (\$/boe)<sup>(3)</sup></b>	<b>\$ 10.27</b>	<b>\$ 32.41</b>

(1) Non-GAAP measure includes intercompany NGLs (i.e. condensate) sold by the Light Oil segment to the Thermal Oil segment for use as diluent that is eliminated on consolidation.

(2) Transportation and marketing excludes non-cash costs of \$0.6 million for the three months ended March 31, 2023 (three months ended March 31, 2022 - \$0.6 million).

(3) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on Non-GAAP Financial Measures and production disclosure.

### Consolidated Segments Income (Loss)

	Three months ended March 31,	
(\$ Thousands)	2023	2022
Operating Income (Loss) Net of Realized Hedging <sup>(1)</sup>	\$ 34,480	\$ 102,994
Non-cash transportation and marketing	(557)	(557)
Unrealized gain (loss) on commodity risk management contracts	(4,965)	(83,868)
Depletion and depreciation	(28,494)	(28,254)
Gain (loss) on sale of assets	—	403
Exploration expenses	(312)	(202)
<b>CONSOLIDATED SEGMENTS INCOME (LOSS)</b>	<b>\$ 152</b>	<b>\$ (9,484)</b>

(1) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on Non-GAAP Financial Measures.

## Consolidated Capital Expenditures

(\$ Thousands)	Three months ended	
	March 31,	
	2023	2022
Thermal Oil Division	\$ 22,836	\$ 21,182
Light Oil Division	1,876	7,987
Corporate assets	1,650	1,760
<b>CAPITAL EXPENDITURES<sup>(1)(2)(3)</sup></b>	<b>\$ 26,362</b>	<b>\$ 30,929</b>

(1) For the three months ended March 31, 2023, expenditures include capitalized cash based stock-based compensation costs of \$1.0 million (three months ended March 31, 2022 - \$1.8 million).

(2) For the three months ended March 31, 2023, expenditures include capitalized staff costs of \$1.9 million (three months ended March 31, 2022 - \$1.5 million).

(3) Excludes non-cash capitalized stock-based compensation and non-cash capitalized decommissioning obligation asset costs.

### THERMAL OIL DIVISION

Athabasca's Thermal Oil Division consists of its cornerstone producing Leismer asset, its producing Hangingstone asset, the high-quality Corner lease which is an extension of the Leismer field and the Dover West exploration asset in the Athabasca region of northeastern Alberta. The Thermal Oil Division underpins the Company's low corporate production decline and low relative sustaining capital requirements, supporting significant free cash flow generation in the current environment.

Athabasca has a 100% working interest in the producing Leismer Thermal Oil Project (the "Leismer Project") and the delineated Corner lease. The Leismer Project was commissioned in 2010 and has proven reserves in place to support a flat production profile for approximately 40 years and a reserve life index of approximately 85 years (proved plus probable). The Leismer Project has Proved plus Probable Reserves of approximately 698 MMbbl<sup>(1)</sup> and Best Estimate Development Pending Contingent Resources of 355 MMbbl (risky)<sup>(1)</sup> (395 MMbbl unriskey)<sup>(1)</sup>. The Corner lease has Proved plus Probable Reserves of approximately 353 MMbbl<sup>(1)</sup> and Best Estimate Development Pending Contingent Resources of 416 MMbbl (risky)<sup>(1)</sup> (520 MMbbl unriskey)<sup>(1)</sup>. The Leismer and Corner development application have regulatory approval for future development phases of up to a combined 80,000 bbl/d.

Athabasca also has a 100% working interest in the producing Hangingstone Thermal Oil Project (the "Hangingstone Project"). The Hangingstone Project was commissioned in July 2015 and has proven reserves in place to support a flat production profile for approximately 25 years and a reserve life index of approximately 60 years (proved plus probable). Hangingstone has Proved plus Probable Reserves of approximately 170 MMbbl<sup>(1)</sup>.

#### Royalty

Athabasca has granted Contingent Bitumen Royalties on its Thermal Oil assets. The Royalty structure ensures the Thermal Oil assets are not encumbered at low commodity prices while allowing strong participation at high commodity prices. The Royalty on the Leismer and Hangingstone projects are based on a scale from 0% – 15% with a Western Canadian Select ("WCS") heavy benchmark. At prices below US\$60 WCS the rate is 0%. The minimum 2.5% rate is triggered at US\$60 WCS with a sliding scale up to 15% at US\$100 WCS. The Royalty is applied to Athabasca's realized bitumen price (C\$), which is determined net of storage and transportation costs.

(1) Based on the report of Athabasca's independent reserve evaluator effective December 31, 2022. Refer to the "Advisories and Other Guidance" section within this MD&A and the AIF for additional information about the Company's reserves and resources.

## Leismer Operating Results

	Three months ended March 31,	
	2023	2022
<b>VOLUMES</b>		
Bitumen production (bbl/d)	20,697	18,966
Bitumen sales (bbl/d)	22,165	19,138
Heavy oil (blended bitumen) sales (bbl/d)	31,756	27,599

	Three months ended March 31,	
(\$ Thousands, unless otherwise noted)	2023	2022
Heavy oil (blended bitumen) sales	\$ 185,560	\$ 240,249
Cost of diluent	(105,374)	(91,928)
Total bitumen sales	80,186	148,321
Royalties	(4,821)	(22,727)
Operating expenses - non-energy	(16,860)	(14,072)
Operating expenses - energy	(14,077)	(14,854)
Transportation and marketing	(14,092)	(12,645)
<b>LEISMER OPERATING INCOME (LOSS)<sup>(1)</sup></b>	<b>\$ 30,336</b>	<b>\$ 84,023</b>
<b>REALIZED PRICE<sup>(1)</sup></b>		
Heavy oil (blended bitumen) sales (\$/bbl) <sup>(1)</sup>	\$ 64.93	\$ 96.72
Bitumen sales (\$/bbl) <sup>(1)</sup>	\$ 40.20	\$ 86.11
Royalties (\$/bbl) <sup>(1)</sup>	(2.42)	(13.19)
Operating expenses - non-energy (\$/bbl) <sup>(1)</sup>	(8.45)	(8.17)
Operating expenses - energy (\$/bbl) <sup>(1)</sup>	(7.06)	(8.62)
Transportation and marketing (\$/bbl) <sup>(1)</sup>	(7.06)	(7.34)
<b>LEISMER OPERATING NETBACK (\$/bbl)<sup>(1)</sup></b>	<b>\$ 15.21</b>	<b>\$ 48.79</b>

(1) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on Non-GAAP Financial Measures and production disclosure.

Leismer's bitumen production for the three months ended March 31, 2023 was 20,697 bbl/d, an increase of 9% compared to the corresponding period in 2022. The production increase is primarily attributed to the ramp-up of the first five Pad 8 well pairs throughout 2022.

Leismer's Operating Netback was \$15.21/bbl for the three months ended March 31, 2023, representing a decrease of \$33.58/bbl compared with the same period in 2022. The decrease is primarily due to lower WCS benchmark oil prices and higher relative blending costs, partially offset by the decrease in royalties due to the lower oil prices.

Total operating expenses were \$15.51/bbl in the first quarter of 2023, compared to \$16.79/bbl in the comparable period of 2022. The decrease on a per barrel is largely the result of lower energy costs.

## Hangingsstone Operating Results

	Three months ended March 31, 2023		2022
<b>VOLUMES</b>			
Bitumen production (bbl/d)		8,482	8,943
Bitumen sales (bbl/d)		9,600	9,407
Heavy oil (blended bitumen) sales (bbl/d)		13,754	13,819

(\$ Thousands, unless otherwise noted)	Three months ended March 31, 2023		2022
Heavy oil (blended bitumen) and midstream sales	\$	83,542	\$ 120,032
Cost of diluent	\$	(43,559)	\$ (47,983)
Total bitumen and midstream sales		39,983	72,049
Royalties		(1,792)	(9,769)
Operating expenses - non-energy		(6,080)	(6,243)
Operating expenses - energy		(10,752)	(10,327)
Transportation and marketing <sup>(1)</sup>		(10,198)	(8,896)
<b>HANGINGSTONE OPERATING INCOME (LOSS)<sup>(2)</sup></b>	<b>\$</b>	<b>11,161</b>	<b>\$ 36,814</b>
<b>REALIZED PRICE<sup>(2)</sup></b>			
Heavy oil (blended bitumen) and midstream sales (\$/bbl) <sup>(2)</sup>	\$	67.49	\$ 96.51
Bitumen and midstream sales (\$/bbl) <sup>(2)</sup>	\$	46.28	\$ 85.10
Royalties (\$/bbl) <sup>(2)</sup>		(2.07)	(11.54)
Operating expenses - non-energy (\$/bbl) <sup>(2)</sup>		(7.04)	(7.37)
Operating expenses - energy (\$/bbl) <sup>(2)</sup>		(12.44)	(12.20)
Transportation and marketing (\$/bbl) <sup>(1)(2)</sup>		(11.80)	(10.51)
<b>HANGINGSTONE OPERATING NETBACK (\$/bbl)<sup>(2)</sup></b>	<b>\$</b>	<b>12.93</b>	<b>\$ 43.48</b>

(1) Transportation and marketing excludes non-cash costs of \$0.6 million for the three months ended March 31, 2023 (three months ended March 31, 2022 - \$0.6 million).

(2) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on Non-GAAP Financial Measures and production disclosure.

Average Hangingsstone bitumen production for the three months ended March 31, 2023 decreased as a result of natural declines.

The Hangingsstone Operating Netback was \$12.93/bbl for the three months ended March 31, 2023, representing a decrease of \$30.55/bbl compared with the same period in 2022. The decrease is primarily due to lower WCS benchmark oil prices and higher relative blending costs, partially offset by the decrease in royalties due to the lower oil prices.

Total operating expenses were consistent year over year with \$19.48/bbl in the first quarter of 2023 and \$19.57/bbl in the comparable period of 2022.

## Consolidated Thermal Oil Operating Results

	Three months ended March 31, 2023		2022
<b>VOLUMES</b>			
Bitumen production (bbl/d)		29,179	27,909
Bitumen sales (bbl/d)		31,765	28,545
Heavy oil (blended bitumen) sales (bbl/d)		45,510	41,418

(\$ Thousands, unless otherwise noted)	Three months ended March 31, 2023		2022
Heavy oil (blended bitumen) and midstream sales	\$	269,102	\$ 360,281
Cost of diluent		(148,933)	(139,911)
Total bitumen and midstream sales		120,169	220,370
Royalties		(6,613)	(32,496)
Operating expenses - non-energy		(22,940)	(20,315)
Operating expenses - energy		(24,829)	(25,181)
Transportation and marketing <sup>(1)</sup>		(24,290)	(21,541)
<b>THERMAL OIL OPERATING INCOME (LOSS)<sup>(2)</sup></b>	<b>\$</b>	<b>41,497</b>	<b>\$ 120,837</b>
<b>REALIZED PRICE<sup>(2)</sup></b>			
Heavy oil (blended bitumen) and midstream sales (\$/bbl) <sup>(2)</sup>	\$	65.70	\$ 96.65
Bitumen and midstream sales (\$/bbl) <sup>(2)</sup>	\$	42.03	\$ 85.78
Royalties (\$/bbl) <sup>(2)</sup>		(2.31)	(12.65)
Operating expenses - non-energy (\$/bbl) <sup>(2)</sup>		(8.02)	(7.91)
Operating expenses - energy (\$/bbl) <sup>(2)</sup>		(8.68)	(9.80)
Transportation and marketing (\$/bbl) <sup>(1)(2)</sup>		(8.50)	(8.38)
<b>THERMAL OIL OPERATING NETBACK (\$/bbl)<sup>(2)</sup></b>	<b>\$</b>	<b>14.52</b>	<b>\$ 47.04</b>

(1) Transportation and marketing excludes non-cash costs of \$0.6 million for the three months ended March 31, 2023 (three months ended March 31, 2022 - \$0.6 million).

(2) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on Non-GAAP Financial Measures and production disclosure.

Seasonality can have an impact on Operating Income (Loss) generated by the Thermal Oil business. In the first and fourth quarters of a given year, dilution costs will generally increase as more diluent is required to meet pipeline specifications.

### Thermal Oil Segment Income (Loss)

(\$ Thousands)	Three months ended March 31, 2023		2022
Thermal Oil Operating Income (Loss) <sup>(1)</sup>	\$	41,497	\$ 120,837
Non-cash transportation and marketing		(557)	(557)
Depletion and depreciation		(18,458)	(17,499)
Gain (loss) on sale of assets		—	403
Exploration expenses		(312)	(202)
<b>THERMAL OIL SEGMENT INCOME (LOSS)</b>	<b>\$</b>	<b>22,170</b>	<b>\$ 102,982</b>

(1) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on Non-GAAP Financial Measures.

Depletion and depreciation increased \$1.0 million during the three months ended March 31, 2023, compared to the same period in the prior year primarily due to higher production volumes at Leismer.

## Thermal Oil Capital Expenditures

(\$ Thousands)	Three months ended	
	March 31, 2023	2022
Leismer Project	\$ 19,413	\$ 19,081
Hangingstone Project	3,226	2,005
Other Thermal Oil exploration	197	96
<b>THERMAL OIL CAPITAL EXPENDITURES<sup>(1)</sup></b>	<b>\$ 22,836</b>	<b>\$ 21,182</b>

(1) For the three months ended March 31, 2023, capital expenditures include \$1.5 million of capitalized staff costs (three months ended March 31, 2022 - \$1.1 million).

Thermal Oil capital expenditures for the three months ended March 31, 2023 of \$22.8 million primarily related to sustaining operations at Leismer along with routine pump replacements across both assets. At Leismer, the Company commenced the steaming of the next five well pairs at Pad L8 and advanced the expansion project that will support growth to 28,000 bbl/d by mid-2024. At Hangingstone, Athabasca commenced the Pad AA extension for two future sustaining well pairs.

## LIGHT OIL DIVISION

Athabasca produces light oil and liquids-rich natural gas from unconventional reservoirs. Development has been focused on the Montney in the Greater Placid area and the Duvernay in the Greater Kaybob area near the town of Fox Creek, Alberta. As at December 31, 2022, the Light Oil Division had approximately 70 MMboe of Proved plus Probable Reserves<sup>(1)</sup>. Athabasca's Light Oil Division assets are supported by operated regional infrastructure consisting of four batteries and a network of gas pipelines which connect the facilities to two regional third party gas processing plants.

In Greater Placid, Athabasca has a 70% operated working interest in approximately 80,000 gross Montney acres. An inventory of approximately 150<sup>(2)</sup> gross development drilling locations positions the Company for multi-year development.

In Greater Kaybob, Athabasca has a 30% non-operated interest in approximately 195,000 gross acres of commercially prospective Duvernay lands with exposure to both Liquids-rich gas and volatile oil opportunities and an inventory of approximately 700<sup>(2)</sup> gross drilling locations.

- (1) Based on the report of Athabasca's independent reserve evaluator effective December 31, 2022. Refer to the "Advisories and Other Guidance" section within this MD&A and the AIF for additional information about the Company's reserves and resources.
- (2) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information regarding the Company's drilling locations.

## Light Oil Operating Results

	Three months ended March 31,	
	2023	2022
<b>PRODUCTION<sup>(1)</sup></b>		
Oil and condensate (bbl/d)	2,390	3,071
Natural gas (Mcf/d)	14,358	17,631
Other natural gas liquids (bbl/d)	721	760
<b>Total (boe/d)</b>	<b>5,504</b>	<b>6,770</b>
Consisting of:		
Greater Placid area (boe/d)	2,840	3,565
% Liquids	43%	43%
Greater Kaybob area (boe/d)	2,664	3,205
% Liquids	71%	72%

(1) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on production disclosure.

	Three months ended March 31,	
(\$ Thousands, unless otherwise noted)	2023	2022
Petroleum and natural gas sales	\$ 29,889	\$ 45,108
Royalties	(5,556)	(5,869)
Operating expenses	(6,929)	(6,979)
Transportation and marketing	(2,366)	(2,457)
<b>LIGHT OIL OPERATING INCOME (LOSS)<sup>(1)</sup></b>	<b>\$ 15,038</b>	<b>\$ 29,803</b>
<b>REALIZED PRICES<sup>(1)</sup></b>		
Oil and condensate (\$/bbl) <sup>(1)</sup>	\$ 99.47	\$ 116.00
Natural gas (\$/Mcf) <sup>(1)</sup>	3.72	5.20
Other natural gas liquids (\$/bbl) <sup>(1)</sup>	56.79	70.15
Realized price (\$/boe) <sup>(1)</sup>	60.34	74.03
Royalties (\$/boe) <sup>(1)</sup>	(11.22)	(9.63)
Operating expenses (\$/boe) <sup>(1)</sup>	(13.99)	(11.45)
Transportation and marketing (\$/boe) <sup>(1)</sup>	(4.78)	(4.03)
<b>LIGHT OIL OPERATING NETBACK (\$/boe)<sup>(1)</sup></b>	<b>\$ 30.35</b>	<b>\$ 48.92</b>

(1) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on Non-GAAP Financial Measures and production disclosure.

Average Light Oil production for the three months ended March 31, 2023 decreased as a result of natural declines, partially offset by three gross Greater Kaybob wells that were placed on production during the first quarter of 2022.

The Operating Netback was \$30.35/boe for the three months ended March 31, 2023, the decrease is primarily due to lower commodity prices, higher royalty rates as a result of wells coming off the government royalty incentive programs and higher operating expenses on a per boe basis correlated to lower production volumes.

## Light Oil Segment Income (Loss)

(\$ Thousands)	Three months ended	
	March 31, 2023	2022
Light Oil Operating Income (Loss) <sup>(1)</sup>	\$ 15,038	\$ 29,803
Depletion and depreciation	(10,036)	(10,755)
<b>LIGHT OIL SEGMENT INCOME (LOSS)</b>	<b>\$ 5,002</b>	<b>\$ 19,048</b>

(1) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on Non-GAAP Financial Measures.

Depletion and depreciation decreased \$0.7 million during the three months ended March 31, 2023, compared to the same period in the prior year primarily due to lower production volumes.

## Light Oil Capital Expenditures

(\$ Thousands)	Three months ended	
	March 31, 2023	2022
Greater Placid	\$ 1,753	\$ 948
Greater Kaybob	123	7,039
<b>LIGHT OIL CAPITAL EXPENDITURES<sup>(1)</sup></b>	<b>\$ 1,876</b>	<b>\$ 7,987</b>

(1) For the three months ended March 31, 2023, capital expenditures include \$0.4 million of capitalized staff costs (three months ended March 31, 2022 - \$0.4 million).

For the three months ended March 31, 2023, Light Oil capital expenditures included readiness activity for a drilling program in the second half of 2023.

## CORPORATE REVIEW

### Liquidity and Capital Resources

#### Funding

For 2023, it is anticipated that Athabasca's capital and operating activities will be funded through cash flow from operating activities and existing cash and cash equivalents. The Company is intending to direct a portion of its forecasted Free Cash Flow in 2023 to share buybacks with flexibility for further debt reduction and high return growth projects. An active commodity risk management program and maintaining sufficient liquidity will allow the Company to manage periods of volatility.

As at March 31, 2023, Athabasca had Liquidity of \$261.1 million which included \$173.3 million of cash and cash equivalents and \$87.8 million of available capacity on its credit facilities.

#### Indebtedness

Athabasca had the following debt instruments and credit facilities in place as at March 31, 2023:

##### Term Debt

As at March 31, 2023, the principal balance on Athabasca's senior secured second lien notes ("2026 Notes" or "Notes") was \$219.0 million (US\$161.8 million). The Company redeemed \$18.3 million (US\$13.3 million) of the Notes during the first quarter of 2023 through open market purchases. The Company has now achieved a 54% reduction in principal balance from the original US\$350 million Notes issuance in the fourth quarter of 2021. Within the first quarter of 2023 the Excess Cash Flow ("ECF") feature is now terminated within the indenture as the principal balance is below US\$175 million.

The Notes are due November 1, 2026 and bear interest at 9.75% per annum. Athabasca may redeem all or part of the 2026 Notes at any time prior to November 1, 2024 at 100% of the principal amount plus an applicable premium, as set out in the 2026 Note indenture. On or after November 1, 2024, Athabasca may redeem all or part of the 2026 Notes at 104.875% from November 1, 2024 to November 1, 2025 and at 100% from November 1, 2025 to November 1, 2026.

## Credit Facility

In the first quarter of 2023, Athabasca renewed its \$110.0 million reserve-based credit facility (the "Credit Facility"). The Credit Facility is a committed facility available on a revolving basis until May 31, 2024, at which point in time it may be extended at the lender's option. If the revolving period is not extended, the undrawn portion of the facility will be cancelled and any amounts outstanding would be repayable at the end of the non-revolving term, being May 31, 2025. The Credit Facility is subject to a semi-annual borrowing base review, occurring in May and November of each year. The borrowing base is determined based on the lender's evaluation of the Company's petroleum and natural gas reserves and their commodity price outlook at the time of each renewal. As at March 31, 2023, the Company had no amounts drawn and \$27.1 million of letters of credit outstanding under the Credit Facility. As at December 31, 2022, the Company had no amounts drawn and \$34.4 million of letters of credit outstanding under the Credit Facility.

## Unsecured Letter of Credit Facility

Athabasca maintains a \$60.0 million unsecured letter of credit facility (the "Unsecured Letter of Credit Facility") with a Canadian bank that is supported by a performance security guarantee from Export Development Canada (December 31, 2022 - \$60.0 million). The facility is available on a demand basis and letters of credit issued under this facility incur an issuance and performance guarantee fee of 3.0%. As at March 31, 2023, the Company had \$55.1 million of letters of credit outstanding under the Unsecured Letter of Credit Facility (December 31, 2022 - \$47.8 million).

## Financing and Interest

(\$ Thousands)	Three months ended	
	March 31,	
	2023	2022
Financing and interest expense on indebtedness	\$ 7,510	\$ 12,950
Accretion of 2026 Notes	(3,402)	18,637
Accretion of warrants	78	198
Accretion of provisions	1,919	2,685
Interest expense on lease liability	177	257
<b>TOTAL FINANCING AND INTEREST</b>	<b>\$ 6,282</b>	<b>\$ 34,727</b>

During the three months ended March 31, 2023 and 2022, total financing and interest expenses were primarily attributable to the financing, interest and accretion expenses related to the Company's Notes. Accretion of the 2026 Notes decreased in the first quarter of 2023 as a result of the early redemption requirement of the Notes no longer being applicable with the termination of the ECF.

## Foreign Exchange Gain (Loss), Net

(\$ Thousands)	Three months ended	
	March 31,	
	2023	2022
Unrealized foreign exchange gain (loss)	\$ 2,656	\$ 3,155
Realized foreign exchange gain (loss)	(1,194)	(1,285)
<b>FOREIGN EXCHANGE GAIN (LOSS), NET</b>	<b>\$ 1,462</b>	<b>\$ 1,870</b>

Athabasca is exposed to foreign currency risk primarily on the principal and interest components of its US dollar denominated term debt partially offset by its US dollar cash balances. The unrealized foreign exchange gains (losses) recognized were primarily due to unrealized gains (losses) on the note principal as the value of the Canadian dollar fluctuates relative to the US dollar.

## Risk Management Contracts

Under the Company's commodity risk management program, Athabasca may utilize financial and/or physical delivery contracts to fix the commodity price associated with a portion of its future production in order to manage its exposure to fluctuations in commodity prices.

Financial commodity risk management contracts are valued on the consolidated balance sheet by multiplying the contractual volumes by the differential between the anticipated market price (i.e. forecasted strip price) and the contractual fixed price at each

future settlement date. The corresponding change in the asset or liability is recognized as an unrealized gain or loss in net income (loss). As the commodity derivatives are unwound (i.e. settled in cash), Athabasca recognizes a corresponding realized gain or loss in net income (loss). Physical delivery contracts are not considered financial instruments and therefore, no asset or liability is recognized on the consolidated balance sheet.

#### Financial commodity risk management contracts

As at March 31, 2023, the following financial commodity risk management contracts were in place:

Instrument	Period	Volume	C\$ Average Price <sup>(1)</sup>	US\$ Average Price <sup>(1)</sup>
<u>Sales contracts</u>			<u>C\$/bbl</u>	<u>US\$/bbl</u>
WTI collar	April - June 2023	19,000 bbl/d	\$ 67.67 - 144.16	\$ 50.00 - 106.53
WTI collar	July - September 2023	2,500 bbl/d	\$ 67.67 - 147.62	\$ 50.00 - 109.08
<u>Purchase contracts</u>			<u>C\$/GJ</u>	<u>US\$/GJ</u>
AECO fixed price swaps	April - December 2023	20,000 GJ/d	\$ 4.90	\$ 3.62

(1) The implied C\$ or US\$ Average Price per bbl or GJ, as applicable, was calculated using the March 31, 2023 exchange rate of US\$1.00 = C\$1.3533.

In 2021, Athabasca entered into a seven-year marketing agreement for 15,000 bbl/d with an industry counterparty that will diversify the Company's sales to the US Gulf Coast through the Keystone pipeline system. The marketing agreement has a pricing derivative that provides exposure to WCS Gulf Coast pricing. As at March 31, 2023, the pricing derivative had an asset value of nil (December 31, 2022 - \$0.8 million).

The following table summarizes the Company's net gain (loss) on commodity risk management contracts for the three months ended March 31, 2023 and 2022:

(\$ Thousands)	Three months ended March 31, 2023	2022
Unrealized gain (loss) on commodity risk mgmt. contracts	\$ (4,965)	\$ (83,868)
Realized gain (loss) on commodity risk mgmt. contracts	(22,055)	(47,646)
<b>GAIN (LOSS) ON COMMODITY RISK MGMT. CONTRACTS, NET</b>	<b>\$ (27,020)</b>	<b>\$ (131,514)</b>

At March 31, 2023, a US\$5 increase/decrease in the price of WTI has a nil impact on the WTI collar contracts. The following table summarizes the sensitivity to price changes for Athabasca's commodity risk management contracts:

As at March 31, 2023	Change in AECO Increase of C\$1.00/GJ	Decrease of C\$1.00/GJ
Increase (decrease) to fair value of commodity risk management contracts	\$ 5,287	\$ (5,287)

Additional financial commodity risk management has taken place subsequent to March 31, 2023 as noted in the table below:

Instrument	Period	Volume	C\$ Average Price <sup>(1)</sup>	US\$ Average Price <sup>(1)</sup>
<u>Sales contracts</u>			<u>C\$/bbl</u>	<u>US\$/bbl</u>
WTI collar	April - June 2023	1,000 bbl/d	\$ 67.67 - 133.98	\$ 50.00 - 99.00
WTI collar	July - September 2023	7,500 bbl/d	\$ 67.67 - 143.01	\$ 50.00 - 105.67
WTI collar	October - December 2023	2,330 bbl/d	\$ 67.67 - 141.65	\$ 50.00 - 104.67

(1) The implied C\$ or US\$ Average Price per bbl or GJ, as applicable, was calculated using the March 31, 2023 exchange rate of US\$1.00 = C\$1.3533.

#### Commitments and Contingencies

The following table summarizes Athabasca's estimated future unrecognized minimum commitments as at March 31, 2023 for the following five years and thereafter:

(\$ Thousands)	Remaining						Total
	2023	2024	2025	2026	2027	Thereafter	
Transportation and processing <sup>(1)</sup>	\$ 88,062	\$ 113,245	\$ 109,358	\$ 108,790	\$ 105,280	\$ 1,051,430	\$ 1,576,165
Interest expense on term debt <sup>(1)</sup>	16,016	21,353	21,353	17,794	—	—	76,516
Purchase commitments and other <sup>(1)</sup>	25,196	4,063	—	—	—	—	29,259
<b>TOTAL COMMITMENTS</b>	<b>\$ 129,274</b>	<b>\$ 138,661</b>	<b>\$ 130,711</b>	<b>\$ 126,584</b>	<b>\$ 105,280</b>	<b>\$ 1,051,430</b>	<b>\$ 1,681,940</b>

(1) Commitments which are denominated in US dollars were translated into Canadian dollars at the March 31, 2023 exchange rate of US\$1.00 = C\$1.3533.

The Company is, from time to time, involved in claims arising in the normal course of business. The Company is currently undergoing income tax and partner related audits in the normal course of business. The final outcome of such audits cannot be predicted with certainty, however, management concluded that it has appropriately assessed any impact to the consolidated financial statements.

### Credit Risk

Credit risk is the risk of financial loss to Athabasca if a customer or counterparty to a financial instrument fails to meet its contractual obligations, and arises principally from Athabasca's cash balances, accounts receivables from petroleum and natural gas marketers, joint interest partners and risk management contract counterparties.

Athabasca's cash and cash equivalents are held with two counterparties, which are large reputable financial institutions, and management concluded that credit risk associated with the investments is low. Management concluded that collection risk of the outstanding accounts receivables is low given the high credit quality of the Company's material counterparties. No material receivables were past due as at March 31, 2023. Athabasca's risk management contracts are held with three counterparties, all of which are large reputable financial institutions, and management concluded that credit risk associated with these risk management contracts is low.

### Interest rate Risk

The Company's exposure to interest rate fluctuations on interest earned on its floating rate cash and cash equivalents balance at March 31, 2023 of \$173.3 million (December 31, 2022 - \$197.5 million), from a 1.0% change in interest rates, would have an annualized impact of approximately \$1.7 million (December 31, 2022 - \$2.0 million). The 2026 Notes and letters of credit issued are subject to fixed interest rates and are not exposed to changes in interest rates.

### Other Corporate Items

#### General and Administrative ("G&A")

(\$ Thousands, unless otherwise noted)	Three months ended March 31,	
	2023	2022
TOTAL GENERAL AND ADMINISTRATIVE	\$ 5,747	\$ 4,421
G&A per boe <sup>(1)</sup>	\$ 1.84	\$ 1.42

(1) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on Non-GAAP Financial Measures.

During the three months ended March 31, 2023, Athabasca's G&A expenses and G&A per boe increased compared to the same period in the prior year primarily due to increased staffing levels and higher salaries and benefits.

#### Stock Based Compensation

During the three months ended March 31, 2023, Athabasca's stock-based compensation expense was \$35.0 million compared to \$13.4 million in the respective prior year period. As at March 31, 2023, the Company elected for the 2020 PSUs vesting April 1, 2023 to be settled in cash to reduce share dilution in advance of its proposed share buyback program which commenced in the second quarter of 2023. The PSUs plan was historically accounted for as an equity-settled stock-based compensation plan and has now been accounted for with the PUPs and DSUs as cash-settled stock-based compensation plans and are recognized as liabilities on the Consolidated Balance Sheet. The March 31, 2023 PSUs election resulted in the recognition of a \$26.3 million liability on the Consolidated Balance Sheet and a \$24.2 million cash based stock-based compensation expense on the Consolidated Statements of Income (Loss).

#### Gain (Loss) on Revaluation of Provisions and Other

(\$ Thousands)	Three months ended March 31,	
	2023	2022
Change in fair value of warrant liability	\$ (23,814)	\$ (58,945)
Other	—	68
TOTAL GAIN (LOSS) ON REVALUATION OF PROVISIONS AND OTHER	\$ (23,814)	\$ (58,877)

The warrants are classified as a financial liability due to the cashless exercise provision, and are therefore revalued quarterly. The changes in the fair value of the warrant liability in 2022 and 2023 primarily relate to changes in the share price.

## Income Taxes

In the first quarter of 2023, primarily as a result of a net loss before tax of \$66.7 million a \$10.1 million deferred income tax recovery was recorded (first quarter 2022 - \$nil) resulting in a March 31, 2023 deferred income tax asset of \$423.4 million (December 31, 2022 - \$413.3 million). The Company has approximately \$3.1 billion in tax pools, including approximately \$2.4 billion in non-capital losses and exploration tax pools available for immediate deduction against future income. Athabasca's material non-capital losses have an expiry profile between 2030 and 2042.

From time to time, Athabasca undergoes income tax audits in the normal course of business. In 2018, the Company received a notice of reassessment from the Canada Revenue Agency ("CRA") and Alberta Finance with regards to its 2012 taxation year resulting in a \$12.6 million deposit posted with the CRA. Athabasca has successfully appealed the reassessment and anticipates the deposit to be refunded in the near term.

## Environmental and Regulatory Risks Impacting Athabasca

Athabasca operates in jurisdictions that have regulated greenhouse gas ("GHG") emissions and other air pollutants. While some regulations are in effect, further changes and amendments are at various stages of review, discussion and implementation. There is uncertainty around how any future federal legislation will harmonize with provincial regulation, as well as the timing and effects of regulations. Climate change regulation at both the federal and provincial level has the potential to significantly affect the regulatory environment of the crude oil and natural gas industry in Canada. Such regulations impose certain costs and risks on the industry, and there remains some uncertainty with regard to the impacts of federal or provincial climate change and environmental laws and regulations, as Athabasca is unable to predict additional legislation or amendments that governments may enact in the future. Any new laws and regulations, or additional requirements to existing laws and regulations, could have a material impact on the Company's assets, operations and cash flow.

## Off Balance Sheet Arrangements

The Company does not have any off-balance sheet arrangements that have or are reasonably likely to have a material current or future effect on the Company's consolidated financial statements.

## Outstanding Share Data

As at March 31, 2023, there were 586.7 million common shares outstanding, an aggregate of 23.6 million restricted share units and performance share units outstanding, 7.0 million stock options outstanding and 31.6 million potential shares issuable under warrants agreements (139,217 warrants outstanding).

As at May 10, 2023, there were 588.9 million common shares outstanding, reflecting 6.2 million common shares repurchased for cancellation under its Normal Course Issuer Bid ("NCIB") program, an aggregate of 11.6 million restricted share units and performance share units outstanding, 5.6 million stock options outstanding and 31.6 million potential shares issuable under warrants agreements (139,217 warrants outstanding).

## SUMMARY OF QUARTERLY RESULTS

The following table summarizes selected consolidated financial information for the Company for the preceding eight quarters:

(\$ Thousands, unless otherwise noted)	2023		2022			2021		
	Q1	Q4	Q3	Q2	Q1	Q4	Q3	Q2
<b>BUSINESS ENVIRONMENT</b>								
WTI (US\$/bbl)	76.13	82.65	91.55	108.41	94.29	77.19	70.56	66.07
WTI (C\$/bbl)	102.92	112.21	119.54	138.39	119.38	97.25	88.91	81.11
Western Canadian Select (C\$/bbl)	69.42	77.36	93.48	122.04	100.96	78.67	71.77	66.96
Edmonton Par (C\$/bbl)	99.34	110.13	116.79	137.83	115.62	93.14	83.70	77.07
Edmonton Condensate (C5+) (C\$/bbl)	105.44	111.82	112.87	137.70	120.84	99.24	86.78	81.00
AECO (C\$/GJ)	3.05	4.85	3.95	6.86	4.49	4.41	3.41	2.93
Foreign exchange (USD : CAD)	1.35	1.36	1.31	1.28	1.27	1.26	1.26	1.23
<b>CONSOLIDATED</b>								
Petroleum and natural gas production (boe/d) <sup>(1)</sup>	34,683	35,850	37,240	33,247	34,679	35,147	34,255	34,659
Realized price (net of cost of diluent) (\$/boe) <sup>(1)</sup>	44.74	53.84	75.10	105.99	83.53	63.89	60.40	53.76
Petroleum, natural gas and midstream sales (\$) <sup>(2)</sup>	298,991	292,105	406,794	453,618	405,389	305,313	291,300	243,868
Operating Income (Loss) (\$) <sup>(1)</sup>	56,535	70,319	140,081	169,255	150,640	110,648	120,581	93,196
Operating Income (Loss) Net of Realized Hedging (\$) <sup>(1)</sup>	34,480	62,131	110,021	103,549	102,994	65,735	92,742	75,372
Operating Netback (\$/boe) <sup>(1)</sup>	16.85	23.17	39.17	57.51	47.40	35.43	36.02	31.09
Operating Netback Net of Realized Hedging (\$/boe) <sup>(1)</sup>	10.27	20.47	30.76	35.18	32.41	21.05	27.70	25.14
Capital expenditures (\$)	26,362	13,029	52,300	51,191	30,929	18,352	15,608	22,628
<b>THERMAL OIL DIVISION</b>								
Bitumen production (bbl/d)	29,179	30,210	31,023	26,768	27,909	28,084	26,729	26,433
Bitumen sales volumes (bbl/d)	31,765	27,346	32,650	25,863	28,545	26,889	28,852	24,710
Realized bitumen price (\$/bbl) <sup>(1)</sup>	42.03	50.49	76.09	109.67	85.78	64.40	62.39	55.49
Heavy Oil (blended bitumen) and midstream sales (\$)	269,102	255,749	366,804	399,793	360,281	265,076	254,769	207,503
Operating Income (Loss) (\$) <sup>(1)</sup>	41,497	50,691	117,916	131,067	120,837	82,729	94,796	67,568
Operating Netback (\$/bbl) <sup>(1)</sup>	14.52	20.15	39.25	55.68	47.04	33.43	35.71	30.05
Capital expenditures (\$)	22,836	10,895	35,412	43,093	21,182	12,355	15,228	21,388
<b>LIGHT OIL DIVISION</b>								
Petroleum and natural gas production (boe/d) <sup>(1)</sup>	5,504	5,640	6,217	6,479	6,770	7,063	7,526	8,226
Realized price (\$/boe) <sup>(1)</sup>	60.34	70.07	69.92	91.29	74.03	61.92	52.76	48.58
Petroleum and natural gas sales (\$) <sup>(2)</sup>	29,889	36,356	39,990	53,825	45,108	40,237	36,531	36,365
Operating Income (Loss) (\$) <sup>(1)</sup>	15,038	19,628	22,165	38,188	29,803	27,919	25,785	25,628
Operating Netback (\$/boe) <sup>(1)</sup>	30.35	37.83	38.76	64.77	48.92	42.95	37.25	34.23
Capital expenditures (\$)	1,876	1,594	860	1,221	7,987	5,291	128	544
<b>OPERATING RESULTS</b>								
Cash flow from operating activities (\$)	20,537	69,368	117,853	68,535	59,862	81,189	75,743	36,183
Adjusted Funds Flow (\$) <sup>(1)</sup>	(9,396)	46,074	102,370	84,799	74,761	42,643	72,233	50,228
Net income (loss) (\$)	(56,635)	489,654	155,097	47,121	(119,601)	384,073	104,951	(13,944)
Net income (loss) per share - basic (\$)	(0.10)	0.83	0.27	0.08	(0.23)	0.72	0.20	(0.03)
<b>BALANCE SHEET ITEMS</b>								
Cash and cash equivalents (\$)	173,280	197,525	200,100	154,172	213,534	223,056	273,989	152,639
Restricted cash (\$)	—	—	—	—	—	—	46,107	90,232
Total assets (\$)	2,210,487	2,230,354	1,803,624	1,815,390	1,814,662	1,742,131	1,510,924	1,466,102
Term debt (\$) <sup>(3)</sup>	184,509	206,133	240,078	250,756	355,328	384,298	568,428	549,855
Shareholders' equity (\$)	1,655,044	1,710,497	1,218,174	1,057,355	909,852	1,025,959	640,542	534,330

(1) Refer to the "Advisories and Other Guidance" section within this MD&A for additional information on Non-GAAP Financial Measures and production disclosure.

(2) Includes intercompany NGLs (i.e. condensate) sold by the Light Oil segment to the Thermal Oil segment for use as diluent that is eliminated on consolidation.

(3) Balances include the current and long-term portions as reported in the consolidated balance sheets.

Refer to the Results of Operations and other sections of this MD&A for detailed financial and operational variances between reporting periods as well as to Athabasca's previously issued annual and quarterly MD&As for changes in prior periods.

## ACCOUNTING POLICIES AND ESTIMATES

During the three months ended March 31, 2023, there were no changes to Athabasca's accounting policies or use of estimates and judgments in the preparation of the Consolidated Financial Statements and the notes thereto, except as disclosed in Note 11 Stock-based Compensation of the Consolidated Financial Statements. A summary of the significant accounting policies, including the use of estimates and judgments, used by Athabasca can be found in Note 3 of the December 31, 2022 audited consolidated financial statements. All of the estimates and judgments are subject to measurement uncertainty and changes in these estimates could materially impact the consolidated financial statements of future periods and have a significant impact on net income (loss).

## ADVISORIES AND OTHER GUIDANCE

### Non-GAAP and Other Financial Measures, and Production Disclosure

The "Adjusted Funds Flow", "Adjusted Funds Flow per Share", "Free Cash Flow", "Light Oil Operating Income", "Light Oil Operating Netback", "Thermal Oil Operating Income", "Thermal Oil Operating Netback", "Consolidated Operating Income", "Consolidated Operating Netback", "Consolidated Operating Income Net of Realized Hedging", "Consolidated Operating Netback Net of Realized Hedging", "Realized Prices", "Cash Transportation & Marketing Expenses", "Excess Cash Flow" and "Sustaining Capital" financial measures contained in this MD&A do not have standardized meanings which are prescribed by IFRS and they are considered to be non-GAAP financial measures or ratios. These measures may not be comparable to similar measures presented by other issuers and should not be considered in isolation with measures that are prepared in accordance with IFRS. The Liquidity and the per boe or per bbl disclosures for each segment's royalties, operating expenses, transportation and marketing, realized gain (loss) on commodity risk management contracts and G&A are supplementary financial measures. The Leismer and Hangingstone operating results are supplementary financial measures that when aggregated, combine to the Thermal Oil segment results and the Greater Placid and Greater Kaybob operating results are supplementary financial measures that when aggregated, combine to the Light Oil segment results.

#### Adjusted Funds Flow, Adjusted Funds Flow Per Share and Free Cash Flow

Adjusted Funds Flow and Free Cash Flow are non-GAAP financial measures and are not intended to represent cash flow from operating activities, net earnings or other measures of financial performance calculated in accordance with IFRS. The Adjusted Funds Flow and Free Cash Flow measures allow management and others to evaluate the Company's ability to fund its capital programs and meet its ongoing financial obligations using cash flow internally generated from ongoing operating related activities. Adjusted Funds Flow per share is a non-GAAP financial ratio calculated as Adjusted Funds Flow divided by the applicable number of weighted average shares outstanding. Adjusted Funds Flow and Free Cash Flow are calculated as follows:

(\$ Thousands)	Three months ended	
	March 31, 2023	2022
Cash flow from operating activities	\$ 20,537	\$ 59,862
Changes in non-cash working capital	(18,030)	14,353
Settlement of provisions	674	546
Long-term deposit	(12,577)	—
<b>ADJUSTED FUNDS FLOW</b>	<b>(9,396)</b>	<b>74,761</b>
Capital expenditures	(26,362)	(30,929)
<b>FREE CASH FLOW</b>	<b>\$ (35,758)</b>	<b>\$ 43,832</b>

#### Operating Income (Loss) and Operating Netback

The non-GAAP measure Operating Income in this MD&A is calculated by subtracting the cost of diluent, royalties, operating expenses and cash transportation & marketing expenses from petroleum, natural gas and midstream sales which is the most directly comparable GAAP measure. The Operating Netback per boe is a non-GAAP financial ratio measure calculated by dividing the respective projects Operating Income by its respective sales volumes. The Operating Income and Operating Netback measures allow management and others to evaluate the production results from the Company's assets. The table on page 12 reconciles Light Oil Operating Income to its segmented income in *Note 13 - Segmented Information* of the Consolidated Financial Statements for the three months ended March 31, 2023. The table on page 9 reconciles Thermal Oil Operating Income to its segmented income in *Note 13 - Segmented Information* of the Consolidated Financial Statements for the three months ended March 31, 2023.

The non-GAAP measure Consolidated Operating Income Net of Realized Hedging in this MD&A is calculated by adding or subtracting realized gains (losses) on commodity risk management contracts, royalties, the cost of diluent, operating expenses and cash transportation & marketing expenses from petroleum, natural gas and midstream sales which is the most directly comparable GAAP

measure. The Consolidated Operating Netback Net of Realized Hedging measure per boe is a non-GAAP financial ratio calculated by dividing Consolidated Operating Income Net of Realized Hedging by the total sales volumes. The Consolidated Operating Income Net of Realized Hedging and the Consolidated Operating Netback Net of Realized Hedging measures allow management and others to evaluate the production results from the Company's Light Oil and Thermal Oil assets combined together including the impact of realized commodity risk management gains or losses. The table on page 5 reconciles Consolidated Operating Income Net of Realized Hedging to Consolidated segment income in *Note 13 - Segmented Information* of the Consolidated Financial Statements for the three months ended March 31, 2023.

#### Realized Prices

The realized price financial measures contained in this MD&A are calculated by subtracting the cost of diluent from the petroleum, natural gas and midstream sales for the respective segment, and are considered to be non-GAAP financial ratios.

#### Cash Transportation & Marketing Expenses

The Cash Transportation & Marketing Expense financial measures contained in this MD&A are calculated by subtracting the non-cash Transportation & Marketing Expense as reported in the Consolidated Statement of Cash Flows from the Transportation & Marketing Expense as reported in the Consolidated Statement of Income (Loss) and are considered to be non-GAAP financial measures.

#### Excess Cash Flow and Sustaining Capital

The Excess Cash Flow and Sustaining Capital measures allow management and others to evaluate the Company's ability to return capital to Shareholders. Sustaining Capital is managements' assumption of the required capital to maintain the Company's production base. The Excess Cash Flow measure is calculated by Adjusted Funds Flow less Sustaining Capital.

#### Supplementary Financial Measures

The supplementary financial measure Liquidity is defined as cash and cash equivalents plus available credit capacity.

Per boe or per bbl disclosures for each segment's royalties, operating expenses, transportation and marketing, realized gain (loss) on commodity risk management contracts and G&A are supplementary financial measures that are calculated by dividing the respective GAAP measure by its respective sales volumes.

#### Production volumes details

Production		Three months ended	
		March 31, 2023	2022
Greater Placid:			
Condensate NGLs	bbl/d	814	1,100
Other NGLs	bbl/d	403	436
Natural gas <sup>(1)</sup>	mcf/d	9,738	12,168
Total Greater Placid	boe/d	2,840	3,565
Greater Kaybob:			
Oil <sup>(2)</sup>	bbl/d	1,576	1,971
Other NGLs	bbl/d	318	324
Natural gas <sup>(1)</sup>	mcf/d	4,620	5,463
Total Greater Kaybob	boe/d	2,664	3,205
Light Oil:			
Oil <sup>(2)</sup>	bbl/d	1,576	1,971
Condensate NGLs	bbl/d	814	1,100
Oil and condensate NGLs	bbl/d	2,390	3,071
Other NGLs	bbl/d	721	760
Natural gas <sup>(1)</sup>	mcf/d	14,358	17,631
Total Light Oil division	boe/d	5,504	6,770
Total Thermal Oil division bitumen	bbl/d	29,179	27,909
Total Company production	boe/d	34,683	34,679

(1) Comprised of 99% or greater of shale gas, with the remaining being conventional natural gas.

(2) Comprised of 99% or greater of tight oil, with the remaining being light and medium crude oil.

Liquids:	Three months ended		
		March 31, 2023	2022
Greater Placid:			
Condensate NGLs	bbl/d	814	1,100
Other NGLs	bbl/d	403	436
Total Greater Placid Liquids	bbl/d	1,217	1,536
as % of Greater Placid production		43%	43%
Greater Kaybob:			
Oil	bbl/d	1,576	1,971
Other NGLs	bbl/d	318	324
Total Greater Kaybob Liquids	bbl/d	1,894	2,295
as % of Greater Kaybob production		71%	72%
Total Light Oil:			
Oil and condensate NGLs	bbl/d	2,390	3,071
Other NGLs	bbl/d	721	760
Total Light Oil division Liquids	bbl/d	3,111	3,831
as % of Light Oil production		57%	57%
Total Company:			
Total Light Oil division Liquids	bbl/d	3,111	3,831
Total Thermal Oil division bitumen	bbl/d	29,179	27,909
Total Company Liquids	bbl/d	32,290	31,740
as % of Company production		93%	92%

This MD&A also makes reference to Athabasca's forecasted total average daily production of 34,500 - 36,000 boe/d for 2023. Athabasca expects that approximately 84% of that production will be comprised of bitumen, 7% shale gas, 4% tight oil, 3% condensate natural gas liquids and 2% other natural gas liquids.

### Disclosure Control and Procedures

Athabasca is required to comply with National Instrument 52-109 Certification of Disclosure in Issuers' Annual and Interim Filings ("NI 52-109"). NI 52-109 requires that Athabasca disclose in its interim MD&A any material weaknesses in Athabasca's internal control over financial reporting and/or any changes in Athabasca's internal control over financial reporting that occurred during the period that have materially affected, or are reasonably likely to materially affect, Athabasca's internal controls over financial reporting. Athabasca confirms that no material weaknesses or such changes were identified in Athabasca's internal controls over financial reporting during the first quarter of 2023.

### Risk Factors

Factors currently influencing the Company's ability to succeed include, but are not limited to, the following:

#### Operational risks

- the performance of the Company's assets;
- reservoir impairment when shutting in or curtailing production from oil and gas assets;
- Athabasca's exploration and development budget and Athabasca's capital expenditure programs;
- failure to realize anticipated benefits of acquisitions or divestments;
- uncertainties inherent in estimating quantities of Proved Reserves, Probable Reserves and Contingent Resources;
- the timing of certain of Athabasca's operations and projects, including the commencement of its planned Thermal Oil Division development projects, the exploration and development of Athabasca's Light Oil assets and the levels and timing of anticipated production;
- dependence upon Murphy as a working interest participant in its Light Oil assets and as operator of the Greater Kaybob assets;

- risks and uncertainties inherent in Athabasca’s operations, including those related to exploration, development and production of reserves and resources;
- risks related to gathering and processing facilities and pipeline systems;
- reliance on third party infrastructure;
- supply chain disruption;
- seasonality and weather conditions, which may be impacted by climate change;
- risks associated with events of force majeure; and
- expiration of leases and permits or the failure of Athabasca or the holder of certain licenses, leases or permits to meet specific requirements of such licenses, leases or permits.

#### **Planning risks**

- the business strategy, objectives and business strengths of Athabasca;
- Athabasca’s growth strategy and opportunities;
- Athabasca’s plans to submit additional regulatory applications;
- Athabasca’s drilling plans and plans and results regarding the completion of wells that have been drilled and other exploration and development activities;
- Athabasca’s environment, social and governance goals;
- failure to accurately estimate abandonment and reclamation costs; and
- the potential for management estimates and assumptions to be inaccurate.

#### **Financial and market risks**

- general economic, market and business conditions in Canada, the United States and globally;
- future commodity market prices;
- Canadian heavy and light oil export capacity constraints and the resulting impact on realized pricing;
- Athabasca’s projections of commodity prices, costs and netbacks;
- the substantial capital requirements of Athabasca’s projects and the Company’s ability to raise capital;
- risk of reduced capital availability due to environmental and climate related reputational issues for industry;
- the potential for future joint venture arrangements;
- insurance risks;
- hedging risks;
- variations in foreign exchange and interest rates;
- risks related to the Company’s indebtedness;
- risks related to the Common Shares; and
- risks of cybersecurity threats including the possibility of potential breakdown, invasion, virus, cyber-attack, cyber-fraud, security breach, and destruction or interruption of our information technology systems.

#### **Legal and compliance risks**

- the regulatory framework governing royalties, taxes, environmental matters and foreign investment in the jurisdictions in which Athabasca conducts and will conduct its business;
- risks related to Athabasca’s filings with taxation authorities, including the risk of tax related reviews and reassessments;
- risks related to climate change and carbon pricing;
- actions taken by the American administration on the imposition of taxes on the importation of goods into the United States;
- aboriginal claims;
- risks associated with establishing and maintaining systems of internal controls; and
- inaccuracy of forward-looking information.

For additional information regarding the risks and uncertainties to which the Company and its business are subject, please see the information under the headings “Forward Looking Information” below, and under the headings “Forward Looking Statements” and “Risk Factors” in the Company’s most recent AIF, on the Company’s SEDAR profile at [www.sedar.com](http://www.sedar.com).

### **Forward Looking Information**

This MD&A contains forward-looking information that involves various risks, uncertainties and other factors. All information other than statements of historical fact is forward-looking information. The use of any of the words “anticipate”, “intend”, “plan”, “outlook”, “guidance”, “estimate”, “expect”, “may”, “will”, “target”, “believe”, “predict”, “potential” and similar expressions are intended to identify forward-looking information. The forward-looking information is not historical fact, but rather is based on the Company’s current plans, objectives, goals, strategies, estimates, assumptions and projections about the Company’s industry,

business and future financial results. This information involves 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. No assurance can be given that these expectations will prove to be correct and such forward-looking information included in this MD&A should not be unduly relied upon. This information speaks only as of the date of this MD&A. In particular, this MD&A may contain forward-looking information pertaining to the following: the Company's future growth outlook and how that growth outlook is funded; estimates of corporate, Thermal Oil and Light Oil production levels; reserve life index; expectation of results of CRA audits and reassessments; on stream timing of five additional well pairs at Leismer; the Company's anticipated sources of funding for 2023 and beyond; the Company's use of Excess Cash Flow, including in respect of share buybacks; the Company's estimated future minimum commitments; the future allocation of capital; the Company's ability to manage periods of volatility; Adjusted Funds Flow; Free Cash Flow; capital expenditures and other matters.

In addition, information and statements in this MD&A relating to "Reserves" and "Resources" are deemed to be forward-looking information, as they involve the implied assessment, based on certain estimates and assumptions, that the reserves and resources described exist in the quantities predicted or estimated, and that the reserves and resources described can be profitably produced in the future. Certain assumptions related to the Company's Reserves and Resources are contained in the report of McDaniel & Associates Consultants Ltd. ("McDaniel") evaluating Athabasca's Proved Reserves, Probable Reserves and Contingent Resources as at December 31, 2022 (which is respectively referred to herein as the "McDaniel Report").

With respect to forward-looking information contained in this MD&A, assumptions have been made regarding, among other things: commodity prices; the regulatory framework governing royalties, taxes and environmental matters in the jurisdictions in which the Company conducts and will conduct business and the effects that such regulatory framework will have on the Company, including on the Company's financial condition and results of operations; the Company's financial and operational flexibility; the Company's financial sustainability; the Company's ability to obtain qualified staff and equipment in a timely and cost-efficient manner; the applicability of technologies for the recovery and production of the Company's reserves and resources; future capital expenditures to be made by the Company; future sources of funding for the Company's capital programs; the Company's future debt levels; future production levels; the Company's ability to obtain financing and/or enter into joint venture arrangements, on acceptable terms; operating costs; compliance of counterparties with the terms of contractual arrangements; impact of increasing competition globally; collection risk of outstanding accounts receivable from third parties; geological and engineering estimates in respect of the Company's reserves and resources; recoverability of reserves and resources; the geography of the areas in which the Company is conducting exploration and development activities and the quality of its assets.

Actual results could differ materially from those anticipated in this forward-looking information as a result of the risk factors set forth in the Company's most recent AIF available on SEDAR at [www.sedar.com](http://www.sedar.com), including, but not limited to: weakness in the oil and gas industry; exploration, development and production risks; prices, markets and marketing; market conditions; climate change and carbon pricing risk; statutes and regulations regarding the environment; regulatory environment and changes in applicable law; gathering and processing facilities, pipeline systems and rail; reputation and public perception of the oil and gas sector; environment, social and governance goals; political uncertainty; state of capital markets; ability to finance capital requirements; access to capital and insurance; abandonment and reclamation costs; continued impact of the COVID-19 pandemic; changing demand for oil and natural gas products; anticipated benefits of acquisitions and dispositions; royalty regimes; foreign exchange rates and interest rates; reserves; hedging; operational dependence; operating costs; project risks; supply chain disruption; financial assurances; diluent supply; third party credit risk; indigenous claims; reliance on key personnel and operators; income tax; cybersecurity; advanced technologies; hydraulic fracturing; liability management; seasonality and weather conditions; unexpected events; internal controls; limitations and insurance; litigation; natural gas overlying bitumen resources; competition; chain of title and expiration of licenses and leases; breaches of confidentiality; new industry related activities or new geographical areas; and risks related to our debt and securities.

The risks and uncertainties referred to above are described in more detail in Athabasca's most recent AIF, which is available on the Company's SEDAR profile at [www.sedar.com](http://www.sedar.com). Readers are cautioned that the foregoing list of risk factors should not be construed as exhaustive. The forward-looking information included in this MD&A is expressly qualified by this cautionary statement and is made as of the date of this MD&A. The Company does not undertake any obligation to publicly update or revise any forward-looking information except as required by applicable securities laws.

The Company's financial condition and results of operations discussed in this MD&A will not necessarily be indicative of the Company's future performance, particularly considering that many of the Company's activities are currently in the early stages of their planned exploration and/or development.

## Reserves and Resource Information

The McDaniel Report was prepared using the assumptions and methodology guidelines outlined in the COGE Handbook and in accordance with National Instrument 51-101 *Standards of Disclosure for Oil and Gas Activities*, effective December 31, 2022. There are numerous uncertainties inherent in estimating quantities of bitumen, light crude oil and medium crude oil, tight oil, conventional natural gas, shale gas and NGL reserves and the future cash flows attributed to such reserves. The reserve and associated cash flow information set forth above are estimates only. In general, estimates of economically recoverable reserves and the future net cash flows therefrom are based upon a number of variable factors and assumptions, such as historical production from the properties, production rates, ultimate reserve recovery, timing and amount of capital expenditures, marketability of oil and natural gas, royalty rates, the assumed effects of regulation by governmental agencies and future operating costs, all of which may vary materially. For those reasons, estimates of the economically recoverable reserves attributable to any particular group of properties, classification of such reserves based on risk of recovery and estimates of future net revenues associated with reserves prepared by different engineers, or by the same engineers at different times, may vary. The Company's actual production, revenues, taxes and development and operating expenditures with respect to its reserves will vary from estimates thereof and such variations could be material. There is no certainty that it will be commercially viable to produce any portion of the resources. Reserves and Contingent Resources figures described herein have been rounded to the nearest MMbbl or MMboe. For additional information regarding the consolidated reserves and resources of the Company as evaluated by McDaniel in the McDaniel Report, please refer to the Company's AIF that is available on SEDAR at [www.sedar.com](http://www.sedar.com).

## Oil and Gas Information

"Boe" may be misleading, particularly if used in isolation. A BOE conversion ratio of six thousand cubic feet of natural gas to one barrel of oil equivalent (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. As the value ratio between natural gas and crude oil based on the current prices of natural gas and crude oil 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.

## Drilling Locations

The 700 Duvernay drilling locations referenced in this MD&A include: 5 proved undeveloped locations and 77 probable undeveloped locations for a total of 82 booked locations with the balance being unbooked locations. The 150 Montney drilling locations referenced in this MD&A include: 48 proved undeveloped locations and 50 probable undeveloped locations for a total of 98 booked locations with the balance being unbooked locations. Proved undeveloped locations and probable undeveloped locations are booked and derived from the Company's most recent independent reserves evaluation as prepared by McDaniel as of December 31, 2022 and account for drilling locations that have associated proved and/or probable reserves, as applicable. Unbooked locations are internal management estimates. Unbooked locations do not have attributed reserves or resources (including contingent or prospective). Unbooked locations have been identified by management as an estimation of Athabasca's multi-year drilling activities expected to occur over the next two decades based on evaluation of applicable geologic, seismic, engineering, production and reserves information. There is no certainty that the Company will drill all unbooked drilling locations and if drilled there is no certainty that such locations will result in additional oil and gas reserves, resources or production. The drilling locations on which the Company will actually drill wells, including the number and timing thereof is ultimately dependent upon the availability of funding, commodity prices, provincial fiscal and royalty policies, costs, actual drilling results, additional reservoir information that is obtained and other factors.

## Definitions

"**Best Estimate**" is a classification of estimated resources described in the COGE Handbook as being 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 a 50% probability (P50) that the quantities actually recovered will equal or exceed the Best Estimate.

"**Contingent Resources**" are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from known accumulations using established technology or technology under development, but which are not currently considered to be commercially recoverable due to one or more contingencies. Contingencies may include such factors as economic, legal, environmental, political and regulatory matters or a lack of markets. It is also appropriate to classify as "Contingent Resources" the estimated discovered recoverable quantities associated with a project in the early evaluation stage. Contingent resources may be divided into the following project maturity sub-classes: "Development Pending" is assigned to Contingent Resources for a particular project where resolution of the final conditions for development is being actively pursued (high chance of development);

“Development On Hold” is assigned to Contingent Resources for a particular project where there is a reasonable chance of development, but there are major non-technical contingencies to be resolved that are usually beyond the control of the operator; “Development Unclassified” is assigned to Contingent Resources for a particular project where evaluation is incomplete and there is ongoing activity to resolve any risks or uncertainties or which require significant further appraisal to clarify potential for development and where contingencies have yet to be defined; “Development Not Viable” is assigned to Contingent Resources for a particular project where no further data acquisition or evaluation is currently planned and there is a low chance of development. As at December 31, 2022, the Company reported Contingent Resources on a risked and unrisked basis located in its Leismer and Corner asset areas in the Development Pending project maturity sub-class.

“**Liquids**” includes bitumen, light oil and medium oil, tight oil and NGLs, as applicable.

“**Proved Reserves**” are those reserves that can be estimated with a high degree of certainty to be recoverable. It is likely that the actual remaining quantities recovered will exceed the estimated Proved Reserves.

“**Probable Reserves**” are those additional reserves that are less certain to be recovered than Proved Reserves. It is equally likely that the actual remaining quantities recovered will be greater or less than the sum of the estimated Proved Reserves plus Probable Reserves.

“**Reserve Life Index**” is a measure of the estimated length of time it will take to deplete the Company's oil and gas reserves (typically reported in number of years).

“**Risked**” or “**risked**” means the applicable reported volumes or revenues have been risked (or adjusted) based on the chance of commerciality of such resources in accordance with the COGE Handbook. In accordance with the COGE Handbook for contingent resources, the chance of commerciality is solely based on the chance of development based on all contingencies required for the re-classification of the contingent resources as reserves being resolved. Therefore, risked reported volumes and values of contingent resources reflect the risking (or adjustment) of such volumes or values based on the chance of development of such resources.

“**Unrisked**” or “**unrisked**” means applicable reported volumes or values of resources have not been risked (or adjusted) based on the chance of commerciality of such resources. In accordance with the COGE Handbook for contingent resources, the chance of commerciality is solely based on the chance of development based on all contingencies required for the re-classification of the contingent resources as reserves being resolved. Therefore, unrisked reported volumes and values of contingent resources do not reflect the risking (or adjustment) of such volumes or values based on the chance of development of such resources.

## Abbreviations

AECO	physical storage and trading hub for natural gas on the TC Alberta transmission system which is the delivery point for various benchmark Alberta index prices.
bbl	barrel
bbl/d	barrels per day
boe	barrels of oil equivalent
boe/d	barrels of oil equivalent per day
C\$	Canadian Dollars
COGE	Canadian Oil and Gas Evaluation
GAAP	Generally Accepted Accounting Principles
Mcf	thousand cubic feet
Mcf/d	thousand cubic feet per day
MMbbl	millions of barrels
MMboe	millions of barrels of oil equivalent
MMBtu	million British thermal units
NGL	Natural gas liquids
SAGD	steam assisted gravity drainage
US\$	United States Dollars
WTI	West Texas Intermediate
WCS	Western Canadian Select