ATHABASCA OIL CORPORATION

FOCUSED | EXECUTING | DELIVERING

MARCH 5, 2025 – 2024 YEAR-END RESULTS

ATHABASCA OIL CORPORATION

OUR VISION & STRATEGY

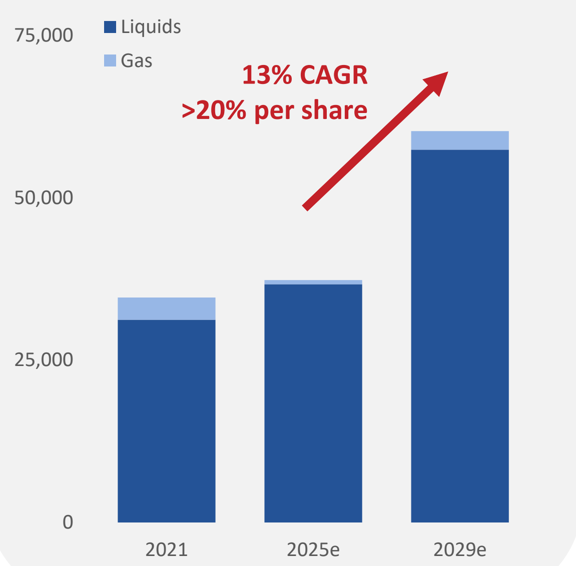
Low-Decline High-Quality Thermal Assets with 90 Year Reserve Life

Self-Funded Growth in High-Quality Kaybob Duvernay Oil Play

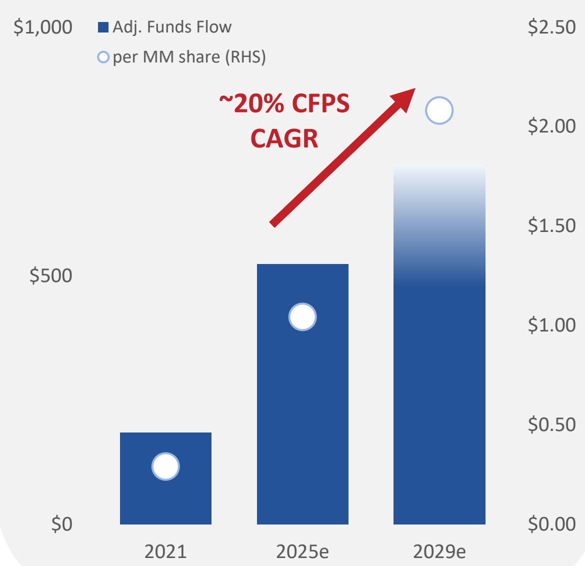
Pristine Balance Sheet with Net Cash Position

DRIVING VALUE THROUGH PER SHARE GROWTH

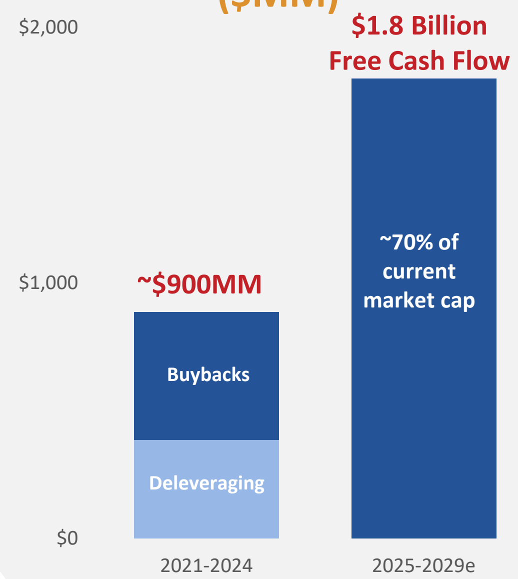
LIQUIDS GROWTH (BOE/D)



CFPS GROWTH ($MM; $/SH)



SHAREHOLDER RETURNS ($MM)



2025 pricing: US$70 WTI, US$12.50 WCS diff, C$2 AECO, 0.725 US$/C$ FX. 2026+ pricing: US$70 WTI, US$12.50 WCS diff, C$3 AECO, 0.725 US$/C$ FX.
Compound Annual Growth Rate "CAGR". See reader advisory "Oil and Gas Information" and "Non-GAAP and other Financial Measures and Production Disclosure" for more information.

CORPORATE SNAPSHOT

~38,500 BOE/D / 98% LIQUIDS / LOW BASE DECLINE

ATHABASCA OIL CORPORATION

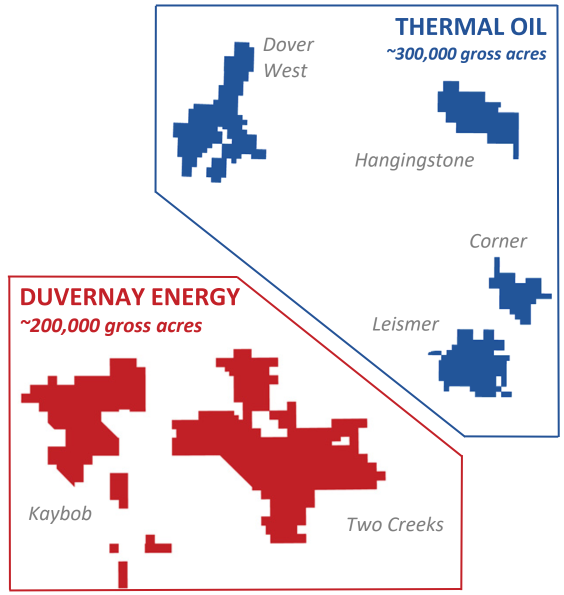
THERMAL OIL

- Predictable, low decline projects
- Efficient brownfield SAGD development
- Long reserve life resource

DUVERNAY ENERGY CORP. ("DEC")

- Pure play Duvernay subsidiary
- Self-funded & flexible development
- De-risked resource and high margins

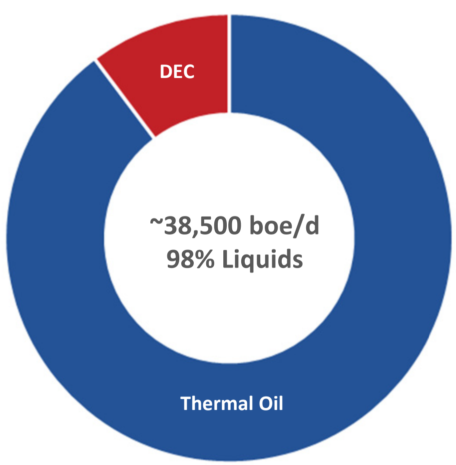
ATHABASCA ASSETS



CAPITALIZATION (CONSOLIDATED)

Basic Shares (ATH-TSX)	518MM
Market Cap. ($4.75/sh)	~$2,500MM
Net Cash	$123MM
Liquidity	$481MM
Cash	$345MM

PRODUCTION BY ASSET



2025 GUIDANCE

	Thermal Oil	DEC (100%)
Production (boe/d)	33,500 – 35,500	~4,000
Adj. Funds Flow	~$475 – $500MM	~$55MM
Capital	~$250MM	~$85MM
Free Cash Flow*	~$250MM	--

Basic shares & capitalization as at December 31, 2024. *DEC capital funded independently through its funds flow and its independent balance sheet.
2025 pricing: US$70 WTI, US$12.50 WCS diff, C$2 AECO, 0.725 US$/C$ FX. 2025 production: 90% Bitumen, 2% natural gas (comprised of 99%+ of shale gas), 7% Condensate NGLs, 1% Other NGLs.
See reader advisory "Additional Oil and Gas Information" and "Non-GAAP Financial Information" for more information.

2024 YEAR-END RESULTS

Production
36,815 boe/d (98% Liquids)
Achieved upwardly revised guidance of 36,000 – 37,000 boe/d (July 2024)

Record Cash Flow
$561MM Adjusted Funds Flow
$1.02/sh FFO, 102% Y/Y growth

Netbacks
$47/bbl Thermal Op. Netback
$42/boe Duvernay Op. Netback

Capital
$195MM AOC (Thermal Oil)
$73MM DEC
Within 2024 budget ~$270MM

~100% Return of Capital
$318MM share buybacks
~18% reduction in f.d. share count since Q1 2023

Pristine Balance Sheet
$123MM Net Cash
$481MM Liquidity
Strategic Flexibility

All numbers represent consolidated corporate results. 2024 production volumes by product: 33,505 bbl/d Bitumen, 4,677 mcf/d natural gas (>99% shale gas), 329 bbl/d other NGLs, 2,202 bbl/d Oil (>99% tight oil). Liquidity & Cash as at December 31, 2024. Net Cash = face value of debt less working capital surplus (excl. risk management & warrant liability). See reader advisory "Additional Oil and Gas Information", "Reserve Information" and "Non-GAAP Financial Information" for more information.

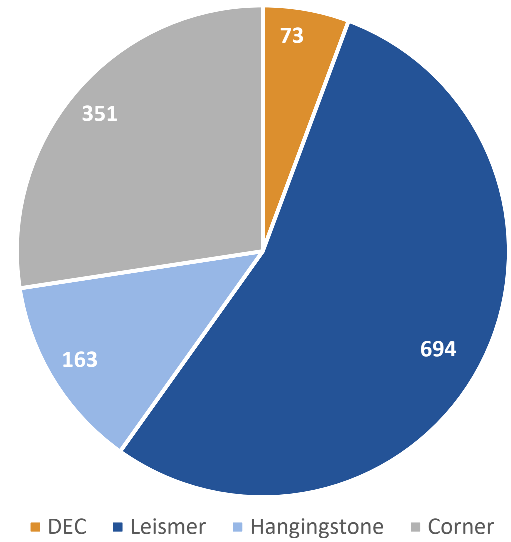
DIFFERENTIATED LONG-LIFE RESERVES

ATHABASCA OIL CORPORATION

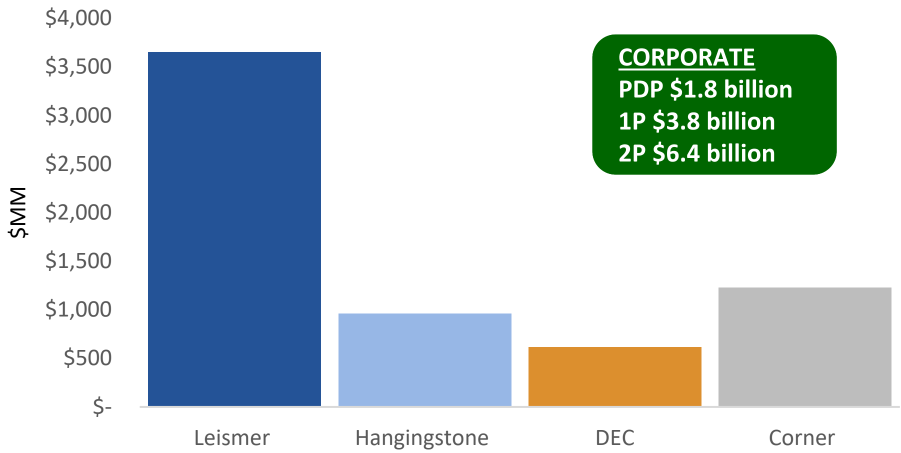
2024 RESERVE & RESOURCE OVERVIEW

- Deep resource inventory
  - ~1.3 billion boe 2P reserves; ~90 year reserve life
  - ~1 billion bbl contingent resource
- Significant intrinsic value; $6.4 billion 2P NPV10
  - PDP: **$3.54/sh (up 14% Y/Y)**
  - Total Proved (1P): **$7.28/sh (up 34% Y/Y)**
  - Total Proved + Probable (2P): **$12.44/sh (up 35% Y/Y)**
- Compelling Thermal Oil project reserve metrics
  - <$5/bbl lease-edge finding costs on sustaining pads
- Duvernay Value Capture
  - 73 mmboe 2P (up 170% Y/Y); $614MM 2P NPV10
  - Significant running room with 172 of 444 gross estimated Duvernay locations booked

2P RESERVES BY ASSET (MMBOE)



2P RESERVE VALUE (NPV10, $MM)



Consolidated reserves as of December 31, 2024. Calculation for RLI is 2024 year-end reserves divided by Q4 2024 production.
Proved Developed Producing "PDP", Total Proved "1P", Proved plus Probable "2P".
See reader advisory "Additional Oil and Gas Information", "Reserve Information" and "Non-GAAP Financial Information" for more information.

2025 BUDGET & GUIDANCE

THERMAL OIL BUDGET HIGHLIGHTS

- Efficient capital expansion at Leismer
  - Progressive growth to 40,000 bbl/d by end of 2027
- Competitive and resilient break-evens
  - Operating break-even ~US$40/bbl WTI
  - Sustaining capital break-even ~US$50/bbl WTI
  - Growth capital break-even <US$60/bbl WTI
- Robust Free Cash Flow
  - 100% Free Cash Flow to share buybacks

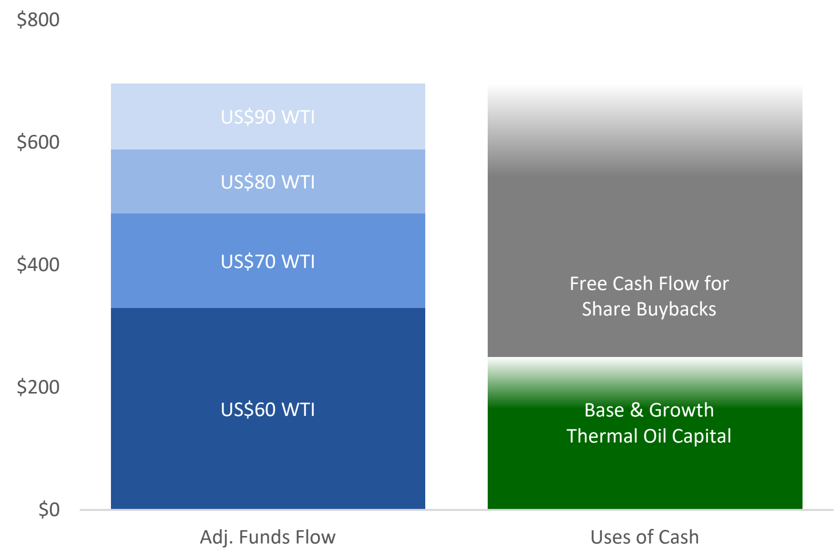
DUVERNAY ENERGY BUDGET HIGHLIGHTS

- Multi-well pad development with focus on cost execution
- Growth to ~5,500 boe/d by the end of 2025

2025 GUIDANCE (US$70 WTI, US$12.50 DIFF)

	Thermal Oil	DEC (100%)	Consolidated
Production	33,500 – 35,500 bbl/d	~4,000 boe/d	37,500 – 39,500 boe/d ~41,000 boe/d exit
Adj. Funds Flow	~$475 – $500MM	~$55MM	~$525 – $550MM
Capital	~$250MM	~$85MM	~$335MM
Free Cash Flow*	~$250MM	--	--

THERMAL OIL ADJ. FUNDS FLOW SENSITIVITY ($MM)



2025 pricing: US$70 WTI, US$12.50 WCS diff, C$2 AECO, 0.725 US$/C$ FX. 2025 production: 90% Bitumen, 2% natural gas (comprised of 99%+ of shale gas), 7% Condensate NGLs, 1% Other NGLs.
*DEC capital funded independently through its funds flow and its balance sheet. See reader advisory “Oil and Gas Information” and “Non-GAAP and other Financial Measures and Production Disclosure” for more information.

ROBUST FREE CASH FLOW PROFILE

BUSINESS OUTLOOK

- Thermal Oil assets with low base decline
  - Leismer brownfield growth to 40,000 bbl/d
- Duvernay Energy enhances growth
  - Self-funded & independent capital allocation framework

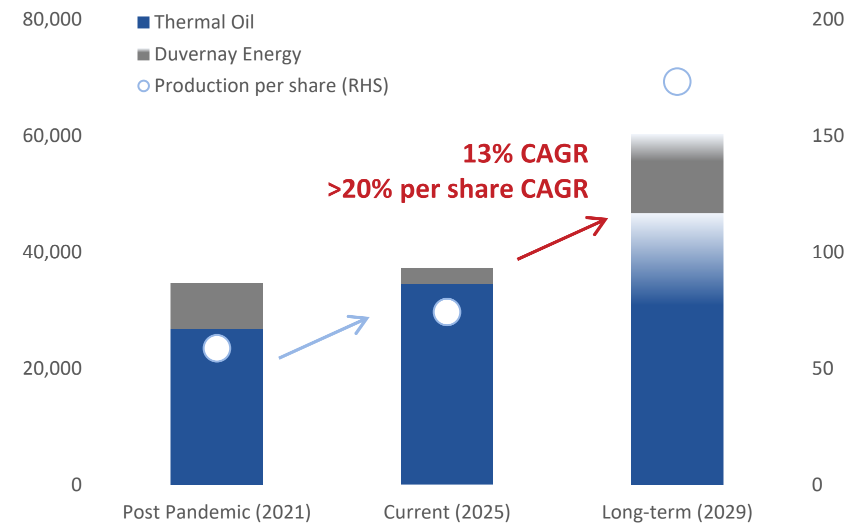
STRONG BALANCE SHEET & COMPETITIVE POSITIONING

- Low leverage ($123MM Consolidated Net Cash)
- Tax free horizon ($2.3 billion of pools)
- Pre-payout Crown Thermal royalties (6% at US$70 WTI)

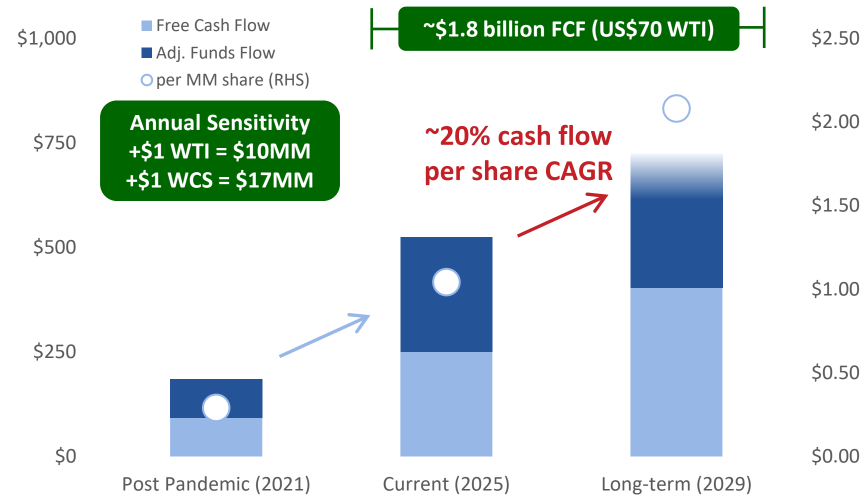
ROBUST CASH FLOW PER SHARE GROWTH

- ~$1.8 billion Free Cash Flow (2025-29) at US$70 WTI
- 100% Free Cash Flow to shareholders
  - ~$500MM cumulative share buybacks since April 2023
- **~20% cash flow per share CAGR**

NET PRODUCTION (BOE/D)[1]



NET ADJUSTED FUNDS FLOW ($MM, $/SH) [1]



Note: per share metrics assume a 10% annual share buyback program. $5.25/sh in 2025 and an implied share price of 4.5x EV/DACF in 2026-29.

[1]Assumes AOC 100% Thermal Oil and DEC 70%. 2021 production includes Placid Montney which was disposed in September 2023. 2025 pricing: US$70 WTI, US$12.50 WCS diff, C$2 AECO, 0.725 US$/C$ FX. 2026+ pricing: US$70 WTI, US$12.50 WCS diff, C$3 AECO, 0.725 US$/C$ FX. Compound Annual Growth Rate "CAGR". See reader advisory "Oil and Gas Information" and "Non-GAAP and other Financial Measures and Production Disclosure" for more information.

MARKET ACCESS & RISK MANAGEMENT

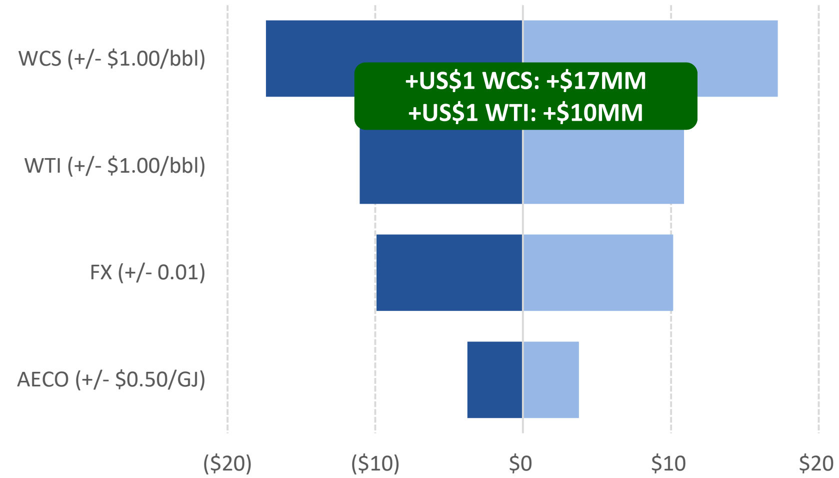
ATHABASCA'S UNIQUE POSITIONING

- Heavy oil weighted producer
- Annual Funds Flow sensitivity
  - +US$1/bbl WCS heavy oil → +$17MM
  - +US$1/bbl WTI → +$10MM
  - -0.01 CDN/US FX rate → +$10MM
- ~50% of 2025 gas input costs hedged at C$2.20/GJ
- Pristine balance sheet & competitive ~US$50 WTI sustaining capital break-even provides protection against commodity volatility

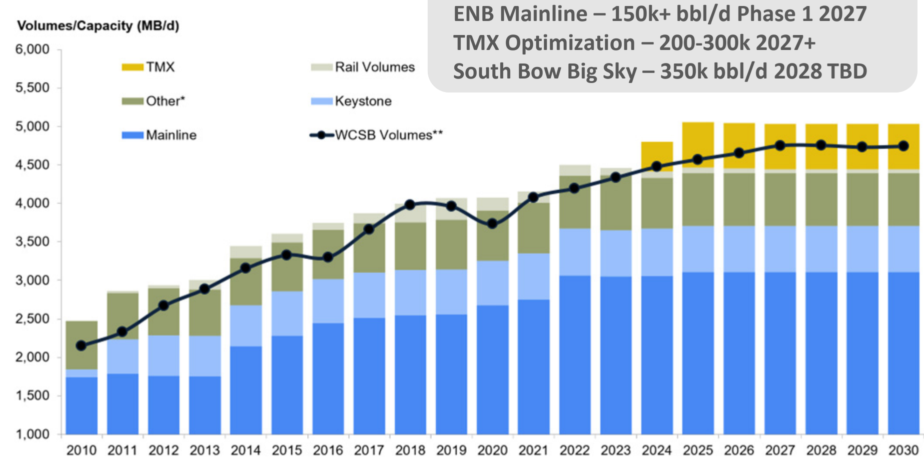
MARKET ACCESS

- Positive structural changes for Canadian heavy oil
  - Trans Mountain Expansion (+590 mbbl/d)
  - Canadian oil inventories near 5-year low
- Diversified long-term market access
  - Enbridge Express system access to Midwest PADD II (10,000 bbl/d commencing in April)
  - Keystone access to US Gulf Coast (3,300 bbl/d currently; rising to 7,200 bbl/d in 2028)

2025 ADJ. FUNDS FLOW SENSITIVITY ($MM)



CANADIAN EGRESS OUTLOOK



Incremental Egress Projects
ENB Mainline – 150k+ bbl/d Phase 1 2027
TMX Optimization – 200-300k 2027+
South Bow Big Sky – 350k bbl/d 2028 TBD

Source: Peters & Co Winter Playbook – WCSB Crude Volumes vs. Operational Export Capacity & Oil Differentials. *Other includes Express, Rangeland, Trans Mountain Base. ** Volumes net of domestic WCSB refinery demand.

THERMAL OIL – ASSET OVERVIEW

THERMAL OIL DIVISION
PREDICTABLE, LOW DECLINE

ATHABASCA OIL CORPORATION

HIGHLIGHTS

33,500 - 35,500 bbl/d	2025e Production 100% Working Interest
~$250MM	2025e Capital Expenditures
~US$40 WTI Operating ~US$50 WTI Sustaining	Resilient Break-Evens
~$8/bbl	Sustaining Capital (5-year average)
404MMbbl | ~30 yr 1,209MMbbl | ~90 yr	1P Reserves & RLI 2P Reserves & RLI

LEISMER

2010 First Production

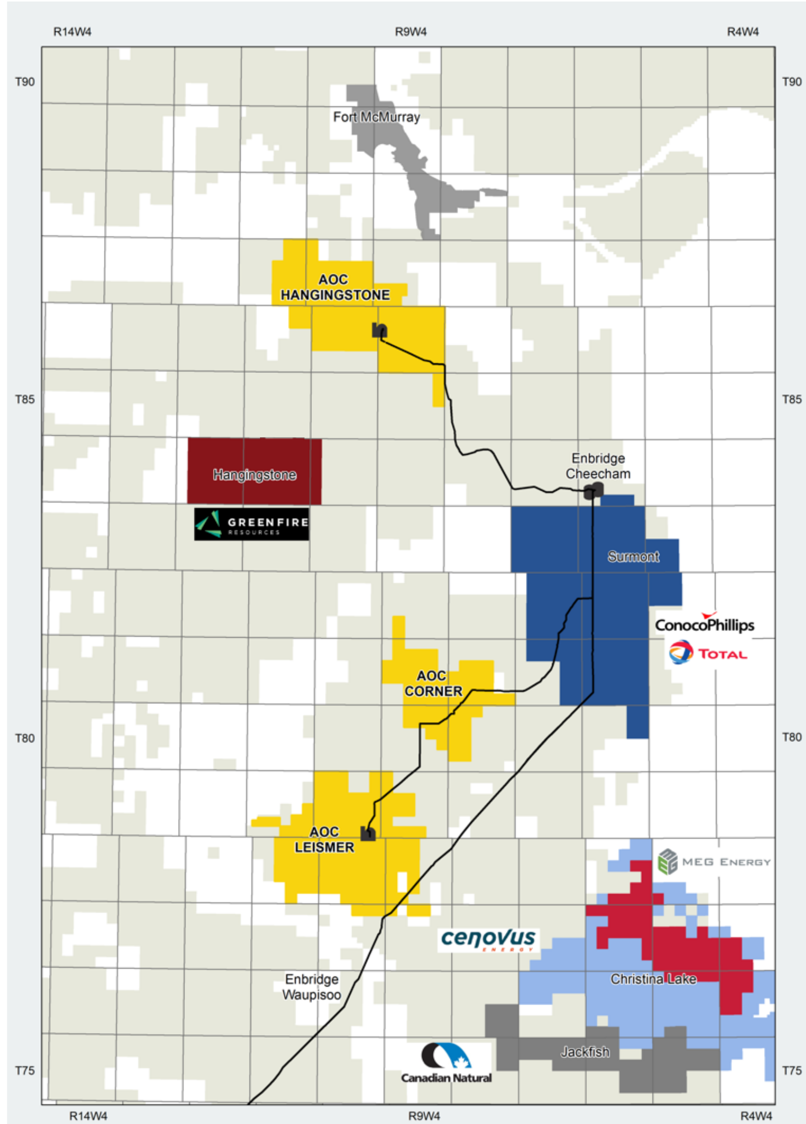
HANGINGSTONE

2015 First Production

CORNER (future development)

351 MMbbl 2P + 520 MMbbl Contingent Resource
>300 vertical wells, top quality resource
40,000 bbl/d regulatory approval in place

THERMAL PROPERTIES



Consolidated reserves and resources as of December 31, 2024. Corner Contingent Resources Best Estimate. Calculation for Reserve Life Index ("RLI") is 2024 year end reserves divided by production of ~35,000 bbl/d. Sustaining Capital is management's assumption of the required capital to maintain the Company's production base (incl. sustaining well pairs, pump changes and maintenance). 2025 forecasted break-evens assume US$12.50 WCS diff, $2/mcf AECO, 0.725 US$/C$ FX. See reader advisory "Oil and Gas Information" and "Non-GAAP and other Financial Measures and Production Disclosure" for more information.

![ATHABASCA OIL CORPORATION]

LEISMER – OVERVIEW

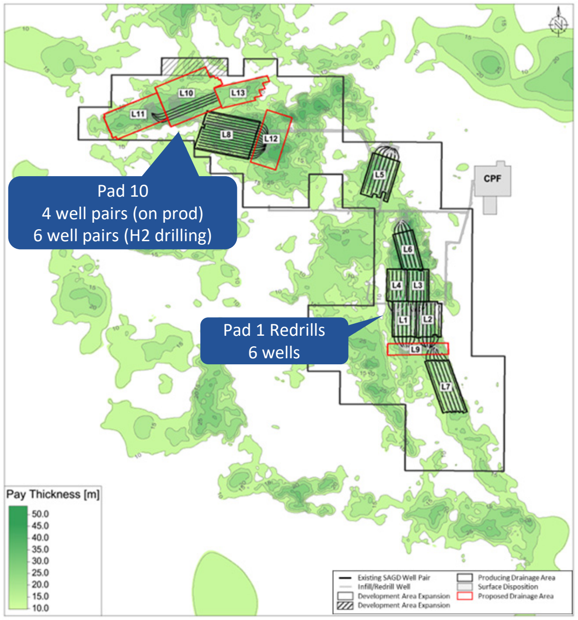
TOP TIER OIL SANDS PROJECT

- Long reserve life; ~70 year current Reserve Life Index
  - 694MMbbl 2P reserves; 468MMbbl Best Est. Contingent Resource
  - ~50 year 2P RLI at 40,000 bbl/d
- Excellent reservoir underpins low corporate decline
  - New wells have flat production profile for 5 – 7 years
  - ~3x long-term steam oil ratio
- Q4 2024 operating netback of ~$47/bbl
  - Low pre-payout Crown royalties of 5-9% until late 2027

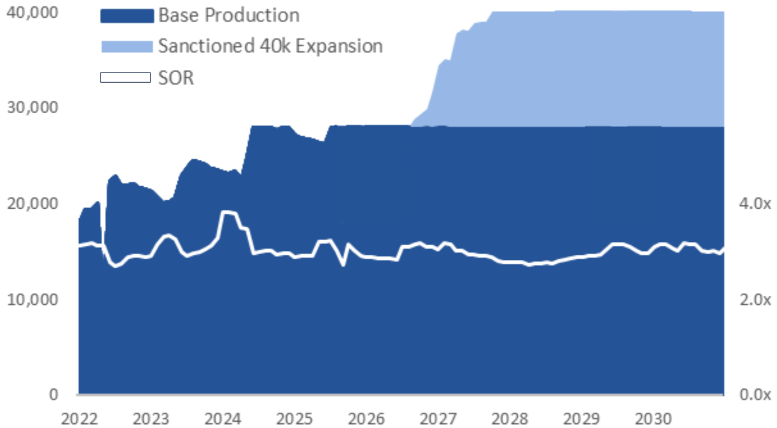
2025 BASE ACTIVITY (~$235MM)

- Support production at ~28,000 bbl/d
  - 6 redrills on production in February
  - 4 sustaining well pairs on production mid-year
- Continue development on Pad 10 & 11
  - 6 new well pairs to spud in H2
- Facility expansion to 40,000 bbl/d
  - Phased growth: flexible, highly economic & internally funded
  - $300MM project capital over three years (2024-27)
  - $25,000/bbl/d capital efficiency, inclusive of facility & well pairs

DEVELOPMENT MAP



LEISMER DEVELOPMENT (BBL/D)



Reserves and resources as of December 31, 2024. Calculation for Reserve Life Index ("RLI") is 2024 year end 2P reserves divided by production of ~28,000 bbl/d
See reader advisory "Oil and Gas Information" and "Non-GAAP and other Financial Measures and Production Disclosure" for more information.

LEISMER – 40,000 BBL/D EXPANSION

SANCTION JULY 2024

Project Cost	~$300MM
Incremental Rate	12,000 bbl/d
Capital Efficiency	~$25,000/bbl

McDaniel 2P NPV10 $3.7 billion[1]

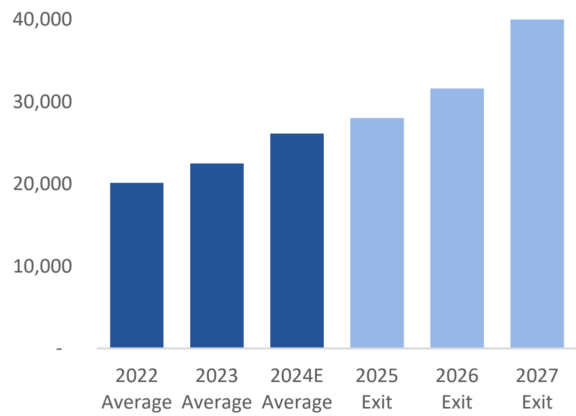
COMPLETED

- ✓ Regulatory approval 40,000 bbl/d
- ✓ No egress expansions required
- ✓ Established transportation to Edmonton
- ✓ Long-lead steam generators acquired counter-cyclically

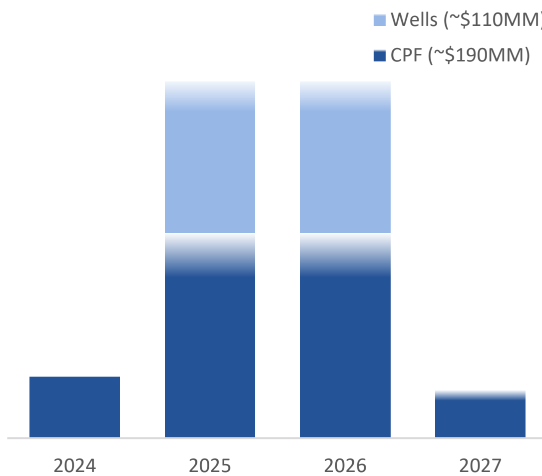
SCOPE

- ○ Facility capacity expansion
  - ~130,000 bbl/d steam generation
  - 40,000 bbl/d bitumen processing
- ○ ~$300MM project capital 2024-2027
  - ~$190MM CPF capital (2025-2026)
  - ~$110MM well pair capital

HISTORICAL PRODUCTION & GROWTH OUTLOOK (BBL/D)

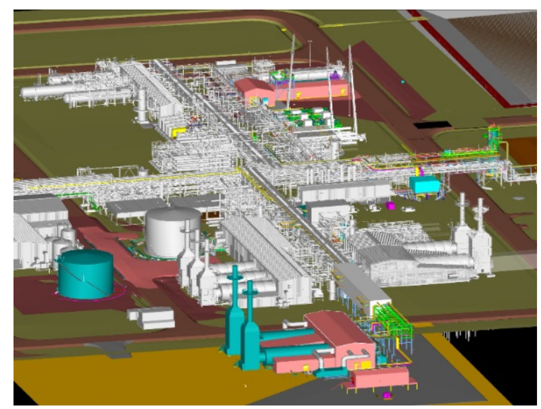


LEISMER 40K ACTIVITY ($MM)



LEISMER CPF

3D MODEL



[1] McDaniel & Associate Consultants 2024 year-end reserves evaluation.
See reader advisory "Oil and Gas Information" and "Non-GAAP and other Financial Measures and Production Disclosure" for more information.

ATHABASCA OIL CORPORATION

HANGINGSTONE – OVERVIEW

PROJECT HIGHLIGHTS

- Long reserve life; ~60 year Reserve Life Index
  - 163MMbbl 2P reserves; $959MM McDaniels 2P NPV10
- Improved SOR due to the field wide NCG co-injection
  - 3.4x average in 2024

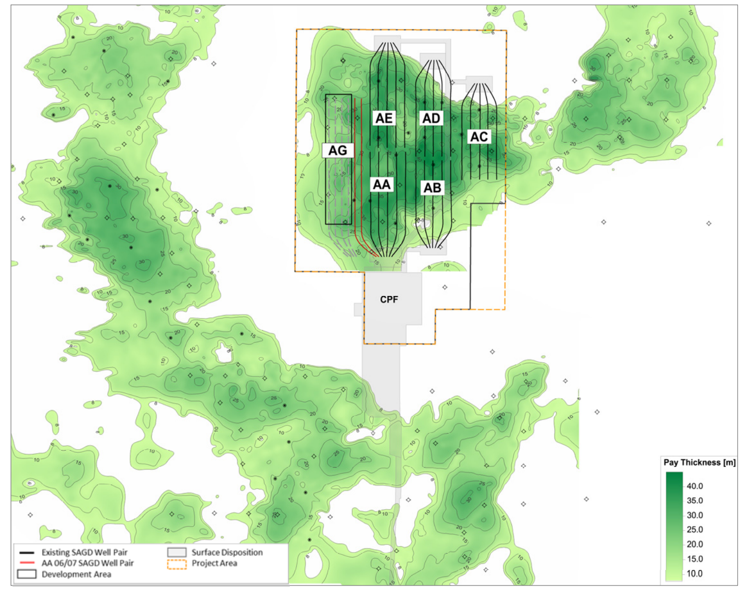
2025 ACTIVITY (~$15MM)

- Two extended reach sustaining well pairs on production in March (Pad AA)
- Planning for future well pairs in 2026 and beyond
- Maintain strong netback and cash generation

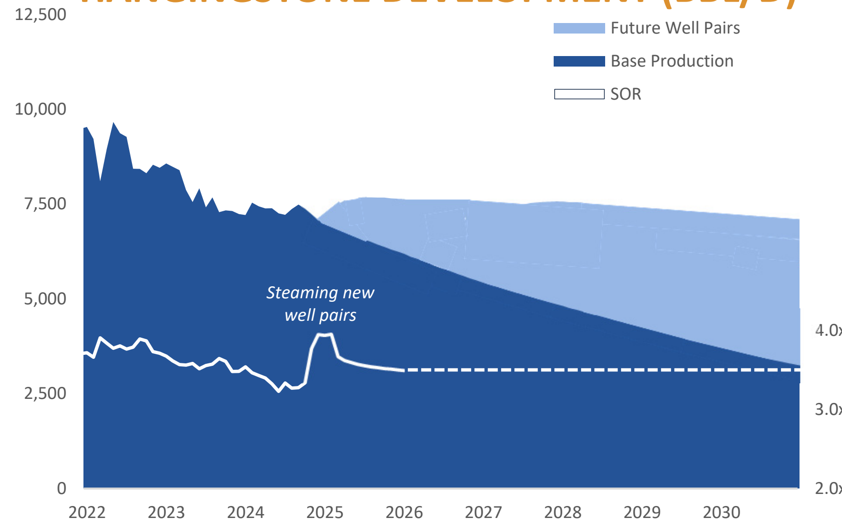
CASH GENERATION

- ~$325MM Operating Income generated between 2022-24 with minimal capital
- Q4 2024 operating netback of ~$43/bbl
  - Low pre-payout Crown royalties of 5-9% into the 2030s

DEVELOPMENT MAP



HANGINGSTONE DEVELOPMENT (BBL/D)



Reserves and resources as of December 31, 2024. Calculation for Reserve Life Index ("RLI") is 2024 year end reserves divided by production of ~7,000 bbl/d.
See reader advisory "Oil and Gas Information" and "Non-GAAP and other Financial Measures and Production Disclosure" for more information.

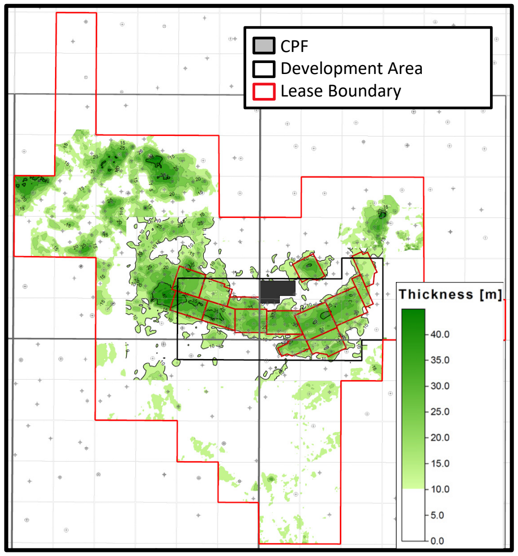
CORNER – OVERVIEW

ATHABASCA OIL CORPORATION

TOP TIER OIL SANDS PROJECT

- Large De-risked Asset
  - 351MMbbl 2P & 520MMbbl Contingent Resource (Best Est.)
  - 304 delineation wells with ~80% 3D seismic coverage
- High Quality Reservoir
  - Up to ~45m of pay in initial development with high quality sands
  - Expect to fill a 20,000 bbl/d facility with one pad (16 well pairs)
- Regulatory & Infrastructure
  - Approved for 40,000 bbl/d
  - Existing diluent and dilbit pipeline pass through Corner lease

DEVELOPMENT MAP



PRE-SANCTION ACTIVITY

- Updated development plans
  - Incorporates current well design at Leismer
  - Tested Clearwater to confirm viability of disposal near the CPF
- Facility engineering study completed
  - $35,000 – $40,000 bbl/d project capital efficiency
- Exploring modular design options for improved efficiency
- Funding expected to be sourced externally

REGIONAL RESERVOIR PROPERTIES [1]

Properties	Corner	Leismer	CVE Christina Lake	MEG Christina Lake	CNRL Jackfish
Depth (m TVD)	**497**	445	325-400	359	400-459
GBIP Thickness (m)	**Up to 45 Avg. 21**	Up to 40 Avg. 25	Up to 45	24	17.6
GBIP Oil Saturation (%)	**84**	81	80	60-85	75
GBIP Effective Porosity (%)	**35**	34	31	30-36	34
GBIP Hz Perm (D)	**6.1**	5.4	Up to 10	5	Up to 5.4

Reserves and resources as of December 31, 2024.
[1] External reservoir properties taken from 2023 AER D54 presentations.

DUVERNAY ENERGY CORPORATION

ATHABASCA OIL CORPORATION

ATHABASCA OIL CORPORATION

DUVERNAY ENERGY – CORPORATE SNAPSHOT

PRIVATE COMPANY

- Athabasca operated; Cenovus 30% equity owner
- Unparalleled exposure to Kaybob Duvernay oil window

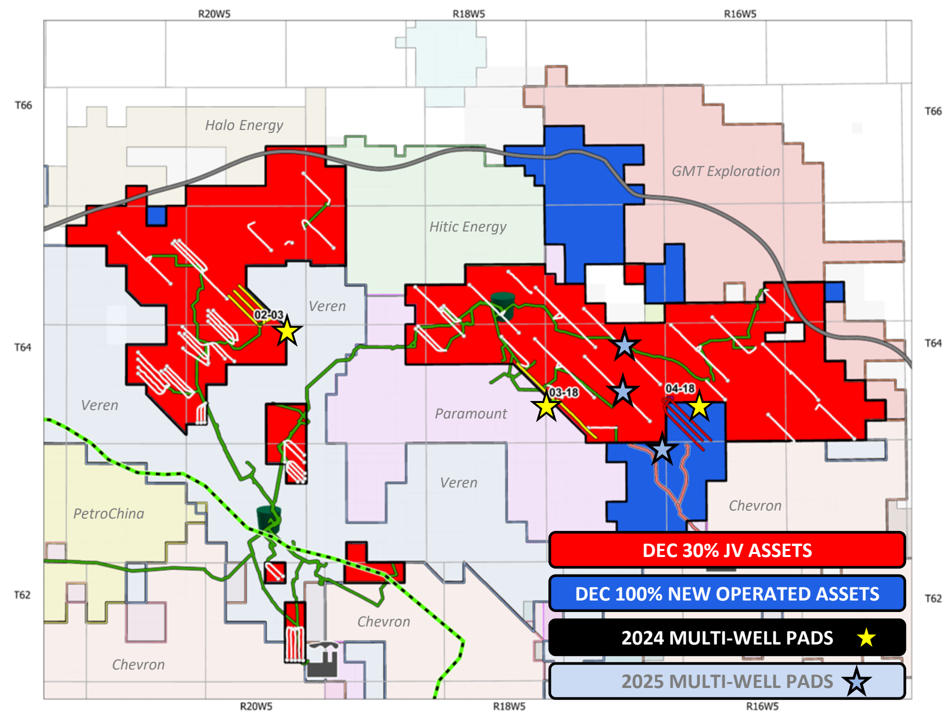
ASSET HIGHLIGHTS

- ~200,000 gross acres; ~444 gross well locations
  - ~46,000 acres 100% WI newly operated position
  - ~155,000 acres 30% WI existing joint venture assets
- Industry leading netbacks (~$38/boe Q4)
- Operatorship of strategic infrastructure

CATALYST TO ACCELERATE VALUE CREATION

- Self-funded development within DEC with growth to ~20,000 boe/d (75% Liquids) in late 2020s
- Compliments Athabasca's strategy
  - Independent balance sheet and capital allocation strategies
  - No change in ability to fund Thermal Oil development

DEC ASSETS

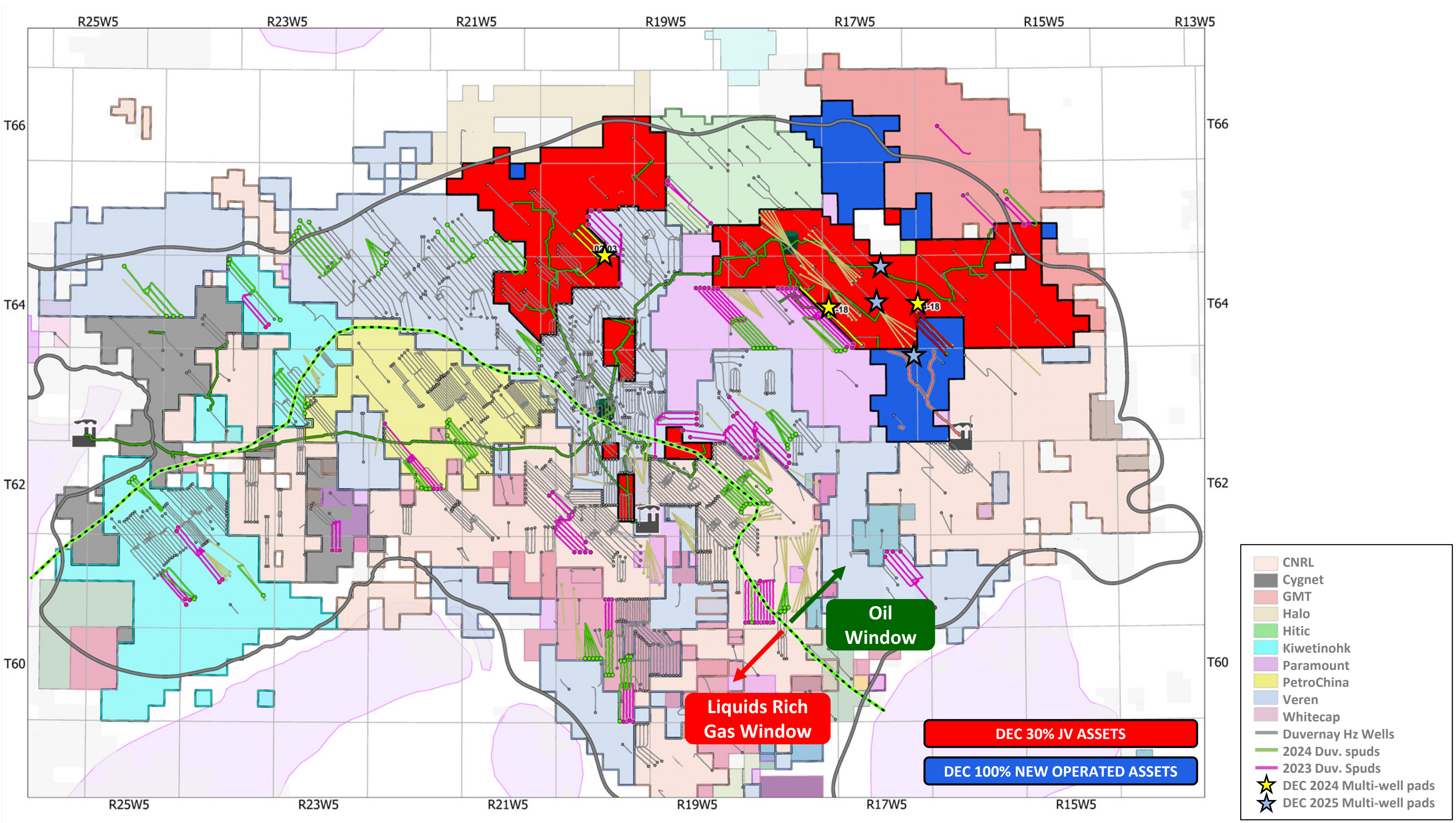


HIGHLIGHTS

Equity Ownership	70% AOC / 30% CVE
2025e Production (gross)	~4,000 boe/d
2025e Exit rate	~5,500 boe/d
2025e Capital (gross)	$85MM
Q4 Liquidity (incl. cash)	~$75MM

Industry netback analysis includes 20 public small and mid cap Canadian producers.
See reader advisory "Oil and Gas Information" and "Non-GAAP and other Financial Measures and Production Disclosure" for more information.

DUVERNAY ENERGY – KAYBOB ACTIVITY MAP



ATHABASCA OIL CORPORATION

DUVERNAY ENERGY – DEVELOPMENT PLANS

2025 ACTIVITY (~$85MM CAPITAL)

- 100% working interest operated activity
  - Complete three-well pad post break-up
  - Multi-well spud in fall; on-stream in 2026
- 30% working interest JV activity
  - Four-well pad spud in Q1 2025; on-stream Q3 2025
  - Multi-well pad to spud fall; on-stream 2026

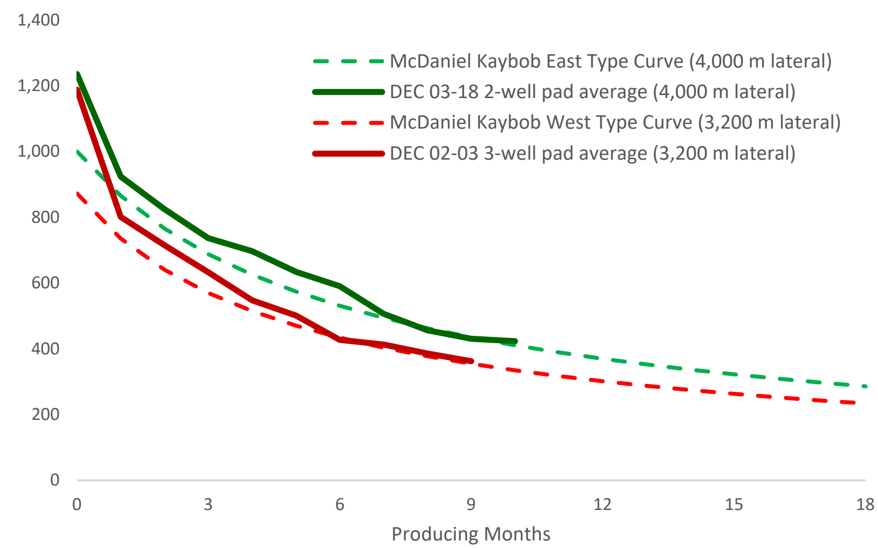
KAYBOB EAST ILLUSTRATIVE ECONOMICS 4,000M LATERAL & 1,500 LB/FT (US$70 WTI)

		2-WELL PAD	4+ MULTI WELL PAD
Capital (DCET) per well	*$MM*	$14	$10
IP365 per well	*boe/d*	593	593
EUR	*Mboe*	904	904
Liquids Yield	*%*	77%	77%
IRR	*%*	72%	149%
Recycle Ratio	*x*	3.9x	5.4x
P/I	*x*	1.0x	1.7x
Payout	*months*	14	9

LONG-TERM ACTIVITY

- Development plans to be funded within cash flow and flexible for a range of commodity prices
- Impactful activity on DEC's 100% WI acreage
- Augmented by JV activity on DEC's 30% WI acreage
- Deep drilling inventory with growth target to ~20,000 boe/d (75% Liquids) in the late 2020s

KAYBOB ILLUSTRATIVE TYPE CURVE (BOE/D)



Source: McDaniel Research, EVA by Turing Analytics.

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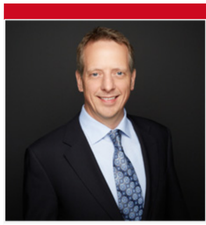
Flat long term commodity prices for Illustrative Type Curve Economics (US$70 WTI, C$3 AECO, 0.725 US$/C$ FX).

APPENDIX

MANAGEMENT TEAM



Rob Broen, P.Eng.
President & Chief Executive Officer

- President and Chief Executive Officer since 2015; 12 Years at Athabasca
- Over 30 years of exploration and production experience including 18 years with Talisman Energy with roles as President, Talisman Energy USA Inc. and Senior Vice President, North American Shale.
- BSc. in Chemical Engineering from the University of Alberta and graduate of Ivey Executive Program

Matt Taylor, CFA
Chief Financial Officer

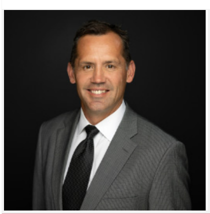
- Chief Financial Officer since 2019; 10 years at Athabasca
- Over 15 years of financial, corporate and capital markets experience including equity research and investment banking at National Bank Financial, GMP Securities and CIBC World Markets
- BCom in Finance from UBC Sauder School of Business and Chartered Financial Analyst designation

Karla Ingoldsby, P.Eng.
Vice President, Thermal Oil

- Vice President, Thermal Oil since 2018; 14 years at Athabasca
- Over 20 years of Oil and Gas experience, including reservoir engineering roles at Royal Dutch Shell overseeing thermal oil assets and conventional oil and gas assets
- BSc. in Mechanical Engineering from the University of Alberta

Bruce Beynon, P. Geol, MSc.
Vice President, Light Oil

- Joined Athabasca in December 2023 as Vice President Light Oil
- Over 30 years of oil and gas industry experience included roles of Executive Vice President, Exploration and Corporate Development at Baytex Energy Corporation and President of Raging River Exploration
- Professional geologist with a Bachelors and Master of Science degrees in Geology from the University of Alberta



Cam Danyluk, LLB, BCom
General Counsel &
VP Business Development

- General Counsel & VP Business Development since joining Athabasca in 2022
- Over 20 years of legal, business development, and investment banking experience; previously VP, Legal, General Counsel and Corporate Secretary at Total Energy Services
- LLB and BCom in Finance from the University of Alberta

CAPITALIZATION & HEDGING

LONG-TERM DEBT

- C$200MM 2029 Unsecured Notes
  - Issued August 2024; 5-year term to 2029
  - 6.75% coupon

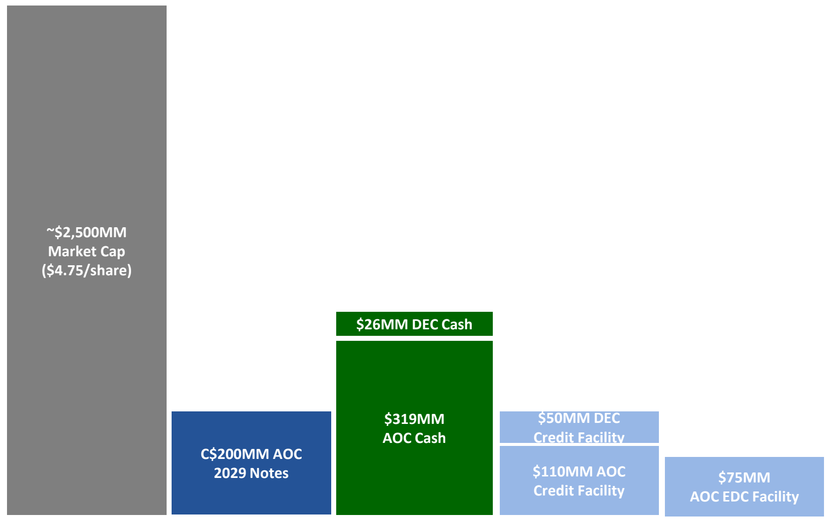
STRONG LIQUIDITY

- AOC Liquidity of ~$405MM, including $319MM cash
- DEC Liquidity of ~$75MM, including $26MM cash
- Facilities utilized for transportation LCs & hedging capacity

EXCELLENT EXPOSURE TO COMMODITY UPSIDE

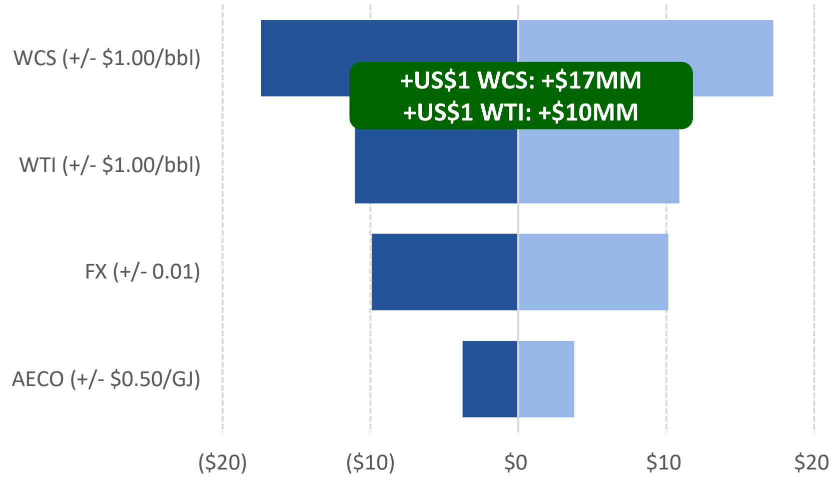
- Strong Liquidity and low Sustaining Capital provides protection against price volatility
- Current hedges:
  - WCS diff Q1 2025: 12,000 bbl/d at US$13.38/bbl
  - Gas input cost 2025: 27,000 GJ/d at C$2.02/GJ

CONSOLIDATED CAPITAL STRUCTURE



Note: not to scale

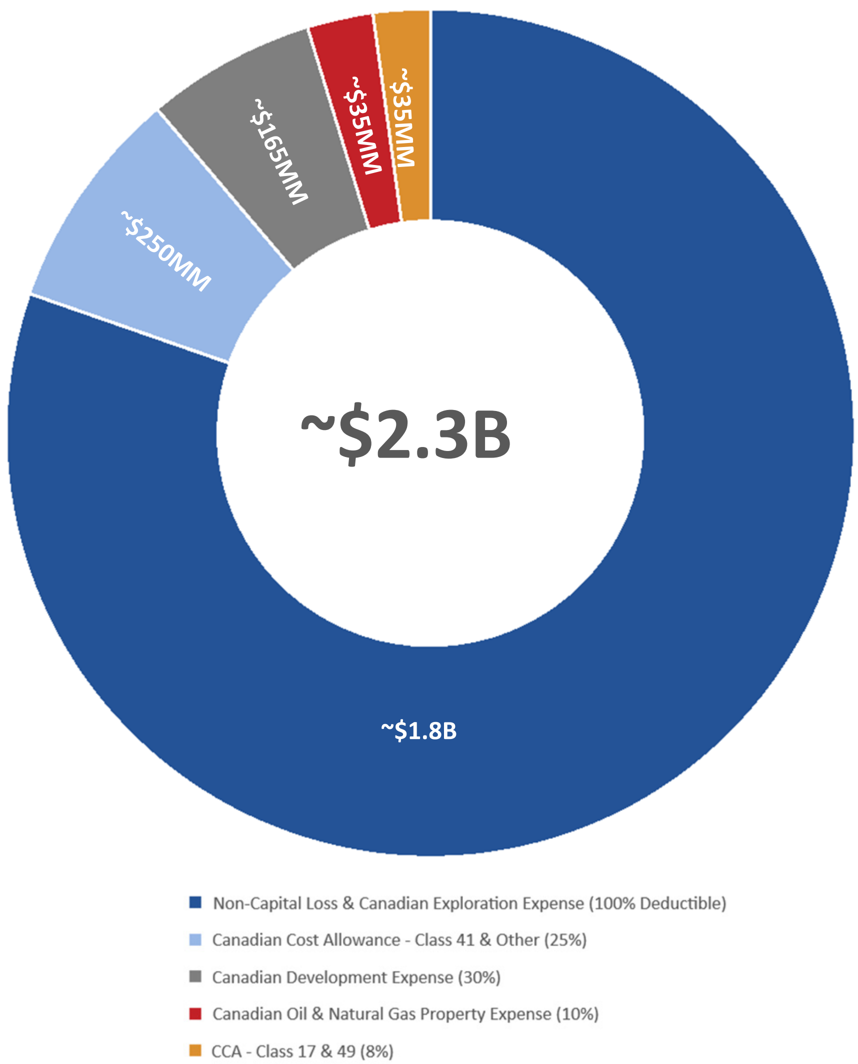
2025 ADJ. FUNDS FLOW SENSITIVITY ($MM)



Capitalization as at December 31, 2024.
See reader advisory "Oil and Gas Information" and "Non-GAAP and other Financial Measures and Production Disclosure" for more information.

VALUABLE TAX POOLS

TAX POOL SUMMARY (Q4 2024)



ILLUSTRATIVE TAX POOL VALUATION (NPV10)

$250MM annual deduction	~$260MM	~$0.50/sh
$500MM annual deduction	~$360MM	~$0.70/sh
$750MM annual deduction	~$395MM	~$0.75/sh
Fully Maximized	~$430MM	~$0.80/sh

Tax pool valuations as at December 31, 2024 and assume a corporate tax rate of 23%. No future investments are included in the illustrative tax pool valuation analysis.
Fully Maximized tax pool value assumes all Non-Capital Loss & Canadian Exploration Expense pools are utilized immediately.

THERMAL OIL – CROWN ROYALTY ADVANTAGE

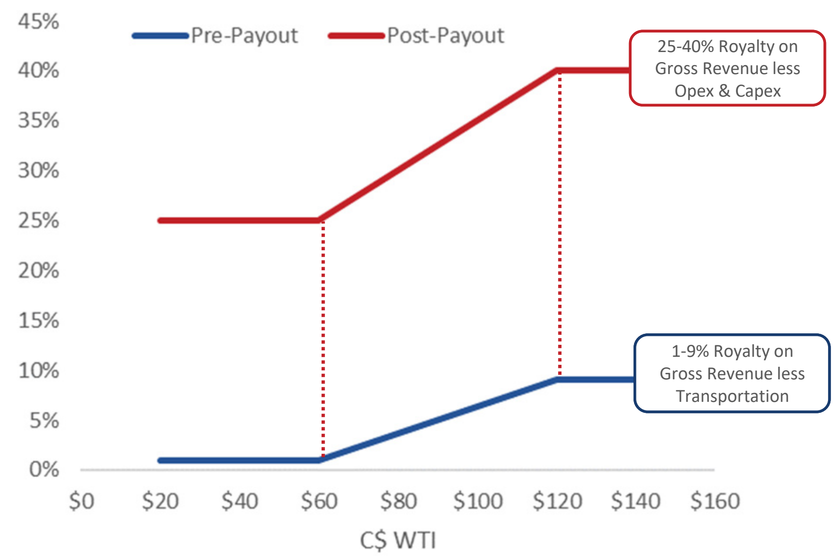
CROWN ROYALTY OVERVIEW

- Royalty structure depends on whether a project is in pre-payout or post-payout phase
- Pre-payout advantage designed to support the recovery of the initial investment

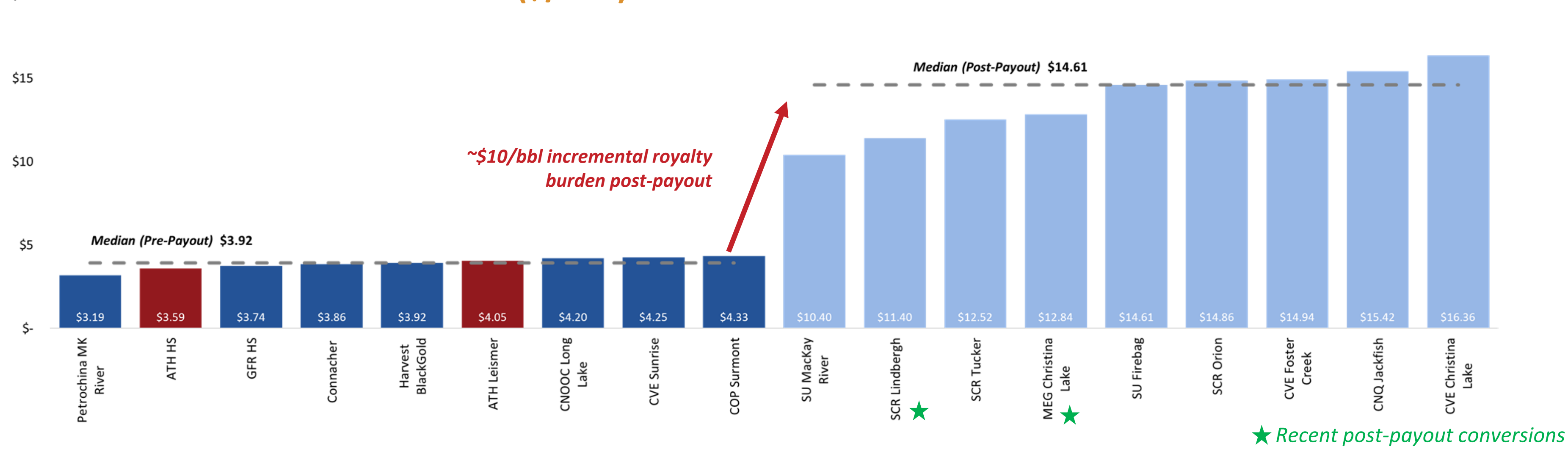
ATHABASCA ADVANTAGE (US$70 WTI)

- Leismer to remain in pre-payout to late 2027
- Hangingstone to remain in pre-payout until 2030+

OIL SANDS ROYALTY RATES



2023 CROWN ROYALTIES ($/BBL) – ALBERTA GOVERNMENT OIL SANDS ROYALTY DATA



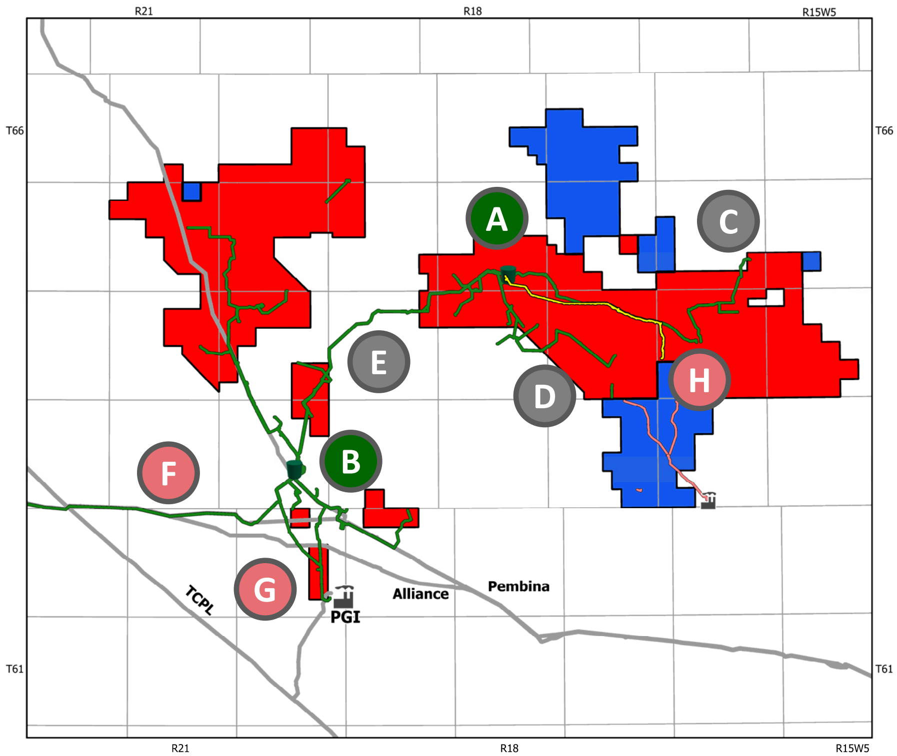
Peer crown royalty data from Government of Alberta – 2023 Oil Sands Project Data; projects grouped by operating areas

DUVERNAY ENERGY – INFRASTRUCTURE

INFRASTRUCTURE ADVANTAGE

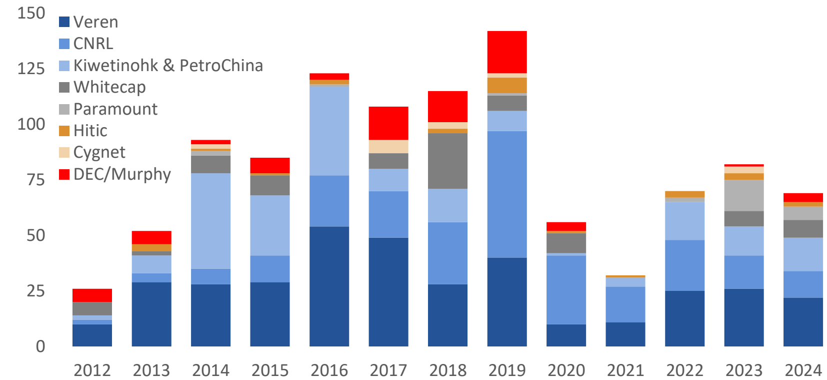
- Significant owned and operated infrastructure
- Underutilized capacity with flexibility for future expansions
- Oil infrastructure directly connected to the Pembina Peace liquids system
- Gas infrastructure dually connected to Pembina Gas Infrastructure KA Facility and Keyera Simonette Facility

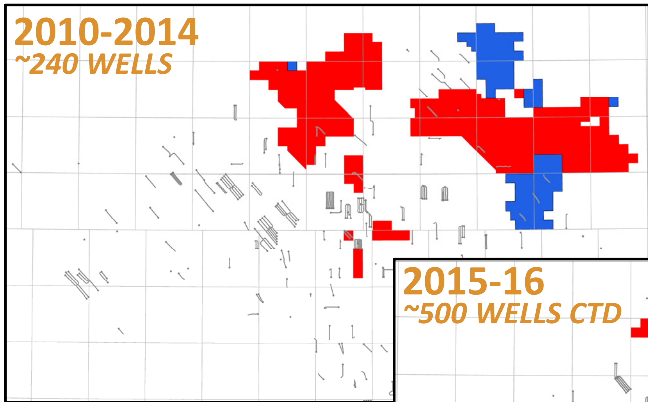
DUVERNAY ENERGY INFRASTRUCTURE OVERVIEW

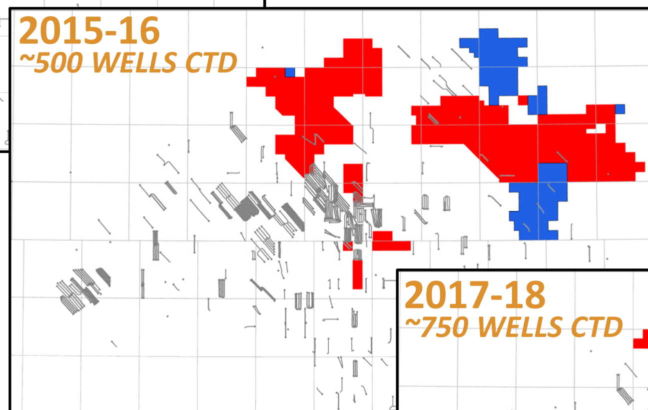


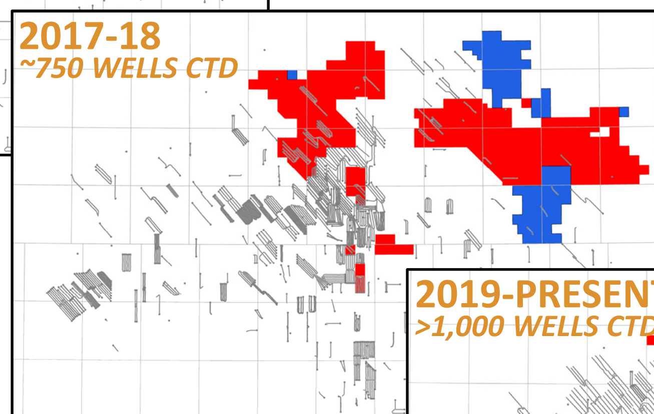
- **A** Kaybob East Oil Battery 24 mmcf/d & 10,000 bbl/d
- **B** Kaybob West Oil Battery 60 mmcf/d & 15,000 bbl/d
- **C** Two Creeks Gathering Line
- **D** Kaybob East Gathering Line
- **E** Kaybob East / West Interconnect
- **F** Keyera Simonette Gas Interconnect
- **G** Pembina Gas Infrastructure Gas Interconnect
- **H** DEC Gathering Lines to existing infrastructure

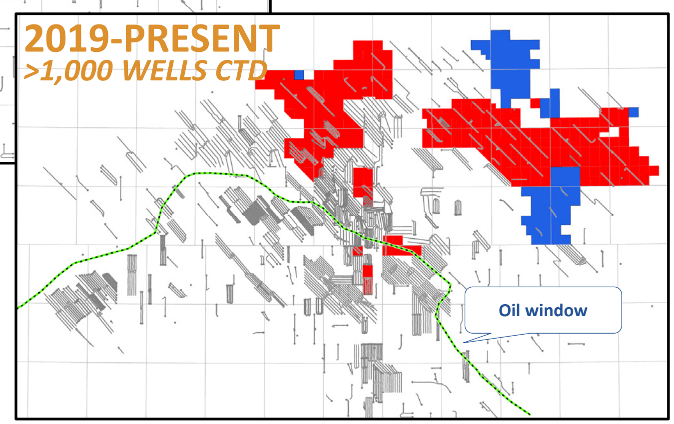
KAYBOB DUVERNAY >1,000 INDUSTRY WELLS











Source: GeoScout. Cumulative to date wells (CTD)

DEC development plans will leverage off significant de-risking on its acreage and adjacent industry activity

READER ADVISORY

Forward Looking Statements

This Presentation contains forward-looking information that involves various risks, uncertainties and other factors. Within this Reader Advisory and Forward Looking Statements, references to the “Company” means Athabasca and Duvernay Energy, as and where applicable. All information other than statements of historical fact is forward-looking information. The use of any of the words “anticipate”, “plan”, “continue”, “estimate”, “expect”, “may”, “will”, “target”, “forecast”, “goal”, “aspiration”, “commit”, “believe”, “should”, “could”, “intend”, “may”, “potential”, “outlook” and similar expressions suggesting future outcome 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 operating and 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 Presentation should not be unduly relied upon. This information speaks only as of the date of this Presentation. In particular, this Presentation contains forward-looking information pertaining to, but not limited to, the following: our strategic plans; future debt levels and repayment plans; the allocation of future capital; return of capital strategy including timing and quantum of share buybacks; our drilling plans and capital efficiencies; Leismer and Hangingstone ramp-up to expected production rates and improved margins with scale; timing of Leismer and Hangingstone’s pre-payout royalty status; applicability of tax pools; Net Cash positions; Adjusted Funds Flow, Operating Income and Free Cash Flow over various periods; the impact of future hedge levels; type well and project economic metrics; number of drilling locations; forecasted daily production and the composition of production; break-even metrics and other matters.

In addition, information and statements in this Presentation 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. With respect to forward-looking information contained in this Presentation, 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 cash flow break-even commodity price; 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. Certain other 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, 2024 (which is respectively referred to herein as the "McDaniel Report”).

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 Annual Information Form (“AIF”) dated March 5, 2025 available on SEDAR at www.sedarplus.ca, including, but not limited to: weakness in the oil and gas industry; exploration, development and production risks; prices, markets and marketing; market conditions; trade relations and tariffs; climate change and carbon pricing risk; statutes and regulations regarding the environment including deceptive marketing practices; 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; 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; water use restrictions and/or limited access to water; relationship with Duvernay Energy Corporation; management estimates and assumptions; third-party claims; conflicts of interest; inflation and cost management; credit ratings; growth management; impact of pandemics; ability of investors resident in the United States to enforce civil remedies in Canada; and risks related to our debt and securities. All subsequent forward-looking information, whether written or oral, attributable to the Company or persons acting on its behalf are expressly qualified in their entirety by these cautionary statements. Also included in this Presentation are estimates of the Company’s 2024-27 outlook which are based on the various assumptions as to production levels, commodity prices, currency exchange rates and other assumptions disclosed in this Presentation. To the extent any such estimate constitutes a financial outlook, it was approved by management and the Board of Directors of Athabasca and is included to provide readers with an understanding of the Company’s outlook. Management does not have firm commitments for all of the costs, expenditures, prices or other financial assumptions used to prepare the financial outlook or assurance that such operating results will be achieved and, accordingly, the complete financial effects of all of those costs, expenditures, prices and operating results are not objectively determinable. The actual results of operations of the Company and the resulting financial results may vary from the amounts set forth herein, and such variations may be material. The outlook and forward-looking information contained in this Presentation was made as of the date of this Presentation and the Company disclaims any intention or obligations to update or revise such outlook and/or forward-looking information, whether as a result of new information, future events or otherwise, unless required pursuant to applicable law.

Oil and Gas Information

“BOEs" 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.

Other Oil and Gas terms: This presentation contains certain other oil and gas metrics, including D&C (drilling and completion costs), F&D, steam oil ratio (or SOR), reserves life index, recycle ratio, capital efficiency and P/I, which do not have standardized meanings or standard methods of calculation and therefore such measures may not be comparable to similar measures used by other companies and should not be used to make comparisons. Such metrics have been included herein to provide readers with additional measures to evaluate the Company's performance; however, such measures are not reliable indicators of the future performance and future performance may not compare to the performance in previous periods and therefore such metrics should not be unduly relied upon.

D&C includes all capital spent to drill, complete, equip and tie-in a well. The calculation of F&D costs includes all exploration and development capital for the year plus the change in future development capital for the year. Steam oil ratio, or SOR, measures the average volume of steam required to produce a barrel of oil. Capital efficiency is a measure of how effective projects are at adding production. Lower capital efficiencies indicate a more productive investment for adding production. For Light Oil and Duvernay Energy capital efficiency is calculated by dividing Capital and IP365 rates and for Thermal Oil is calculated by dividing Capital and plateau rates. All Thermal Oil production and volumes are bitumen. Light Oil and Duvernay Energy % liquids include oil, condensate and NGLs as liquids. Consolidated % liquids include bitumen, oil, condensate and NGLs as liquids. Natural Gas volumes include both Conventional and Shale Gas, however most gas volumes are Shale Gas. Sustaining capital is a management estimate of annual capital projects required to maintain production levels.

READER ADVISORY CONT'D

Initial Production Rates

Test Results and Initial Production Rates: The well test results and initial production rates provided herein should be considered to be preliminary, except as otherwise indicated. Test results and initial production rates disclosed herein may not necessarily be indicative of long-term performance or of ultimate recovery.

Reserves 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, 2024. 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 natural gas liquids 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. Reserves figures described herein have been rounded to the nearest MMbbl or MMboe. For additional information regarding the consolidated reserves and information concerning the resources of the Company as evaluated by McDaniel in the McDaniel Report, please refer to the Company's AIF.

Reserve Values (i.e. Net Asset Value) is calculated using the estimated net present value of all future net revenue from our reserves, before income taxes discounted at 10%, as estimated by McDaniel effective December 31, 2024 and based on average pricing of McDaniel, Sproule and GLJ as of January 1, 2025.

Well Inventory

The 444 gross Duvernay drilling locations referenced include: 87 proved undeveloped locations and 85 probable undeveloped locations for a total of 172 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, 2024 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.

Non-GAAP and other Financial Measures and Production Disclosure

The "Corporate Consolidated Adjusted Funds Flow", "Corporate Consolidated Adjusted Funds Flow per Share", "Athabasca (Thermal Oil) Adjusted Funds Flow", "Duvernay Energy Adjusted Funds Flow", "Corporate Consolidated Free Cash Flow", "Athabasca (Thermal Oil) Free Cash Flow", "Duvernay Energy Free Cash Flow", "Corporate Consolidated Operating Income", "Corporate Consolidated Operating Income Net of Realized Hedging", "Athabasca (Thermal Oil) Operating Income", "Duvernay Energy Operating Income", "Corporate Consolidated Operating Netback", "Corporate Consolidated Operating Netback Net of Realized Hedging", "Athabasca (Thermal Oil) Operating Netback", "Duvernay Energy Operating Netback" and "Cash Transportation and Marketing Expense" financial measures contained in this Presentation 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. Sustaining Capital, Net Cash and Liquidity are supplementary financial measures. The Leismer and Hangingstone operating results are supplementary financial measures that when aggregated, combine to the Athabasca (Thermal Oil) segment results.

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.

The non-GAAP measure Duvernay Energy Operating Income is calculated by subtracting the Duvernay Energy Segments royalties, operating expenses and transportation & marketing expenses from petroleum and natural gas sales which is the most directly comparable GAAP measure. The Duvernay Energy Operating Netback per boe is a non-GAAP financial ratio calculated by dividing the Duvernay Energy Operating Income by the Duvernay Energy production. The Duvernay Energy Operating Income and the Duvernay Energy Operating Netback measures allow management and others to evaluate the production results from the Company's Duvernay Energy assets.

The non-GAAP measure Athabasca (Thermal Oil) Operating Income is calculated by subtracting the Athabasca (Thermal Oil) segments cost of diluent blending, royalties, operating expenses and cash transportation & marketing expenses from heavy oil (blended bitumen) and midstream sales which is the most directly comparable GAAP measure. The Athabasca (Thermal Oil) Operating Netback per boe is a non-GAAP financial ratio calculated by dividing the respective projects Operating Income by its respective bitumen sales volumes. The Athabasca (Thermal Oil) Operating Income and the Athabasca (Thermal Oil) Operating Netback measures allow management and others to evaluate the production results from the Company's Athabasca (Thermal Oil) assets.

(1) Duvernay Energy and Corporate Consolidated reflect gross financial metrics before taking into consideration Athabasca's 70% equity interest in Duvernay Energy.

READER ADVISORY CONT'D

Sustaining Capital is management's assumption of the required capital to maintain the Company's production base.

Net Cash is defined as the face value of term debt, plus accounts payable and accrued liabilities, plus current portion of provisions and other liabilities plus income tax payable less current assets, excluding risk management contracts.

Liquidity is defined as cash and cash equivalents plus available credit capacity.

Recycle ratio is calculated by dividing estimated project operating netbacks by finding and development costs per boe.

Profit-to-Investment Ratio is a measure of a projects net value relative to its capital investment and is calculated by dividing a project's NPV10 value by its Capital.

Reserve Life Index is calculated by dividing 2024 year-end reserves with Q4 2024 production, unless otherwise stated.

Break Even is an operating metric that calculates the US$WTI oil price required to fund operating costs (Operating Break-even), sustaining capital (Sustaining Break-even), or growth capital (Total Capital) within Adjusted Funds Flow.

Enterprise Value to Debt Adjusted Cash Flow is a valuation metric calculated by dividing Enterprise Value (Market Capitalization plus Net Debt) divided by Cash Flow before interest costs.

Production

This Presentation also makes reference to Athabasca (Thermal Oil) 2025 forecasted production of 33,500 – 35,500 bbl/d for 2024. Athabasca expects that 100% of that production will be comprised of bitumen. Duvernay Energy's forecasted total daily average production of ~4,000 boe/d for 2025 is expected to be comprised of approximately 68% tight oil, 23% shale gas and 9% NGLs.

Liquids is defined as bitumen, tight oil, light crude oil, medium crude oil and natural gas liquids.

Historical annual and 2024 year-end Corporate volumes by product are provided below:

Product		2016	2017	2018	2019	2020	2021	2022	2023	2024
Bitumen	*bbl/d*	7,384	27,900	27,900	26,058	22,745	26,805	28,989	30,246	33,505
Natural Gas	*mcf/d*	13,858	20,890	33,104	28,281	23,229	20,506	16,169	10,769	4,677
Condensate NGLs	*bbl/d*	788	2,687	2,793	2,009	1,964	1,374	962	528	-
Other NGLs	*bbl/d*	383	505	1,049	918	785	856	730	525	329
Light & Medium Crude Oil	*bbl/d*	331	104	98	27	2	20	30	31	40
Tight Oil	*bbl/d*	784	758	1,823	2,471	3,116	2,145	1,856	1,364	2,162
Total	***boe/d***	**11,980**	**35,435**	**39,180**	**36,196**	**32,483**	**34,618**	**35,262**	**34,490**	**36,815**

Initial Production Rates

Test Results and Initial Production Rates: The well test results and initial production rates provided in this presentation should be considered to be preliminary, except as otherwise indicated. Test results and initial production rates disclosed herein may not necessarily be indicative of long-term performance or of ultimate recovery