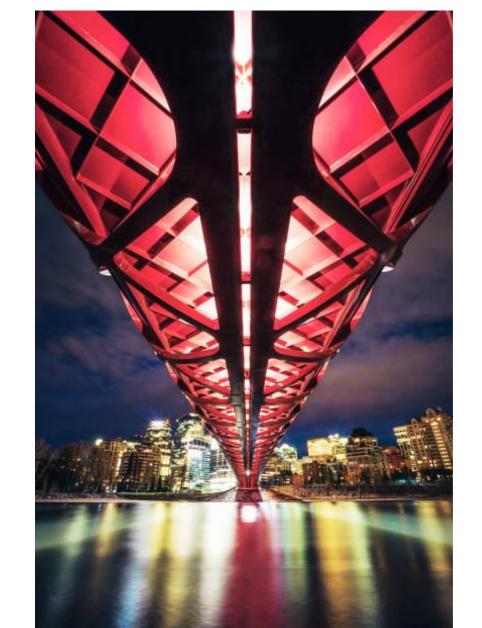


THE EVOLUTION OF OIL AND GAS EVALUATION ARC FINANCIAL CORP.

April 23, 2025



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TODAY'S SPEAKERS



Brian BoulangerChief Executive Officer and Director

Brian joined ARC in 1997 and has become a trusted advisor to many of ARC's portfolio companies over his almost 25 years of experience with ARC. He has a Bachelor of Commerce in Business Administration from the Ivey Business School at Western University, is a CFA Charterholder and an Institute of Corporate Directors Certified Director.



Jake Durante
Vice President

Jake joined ARC in 2018 with prior experience at a global public accounting firm. He has a Bachelor of Commerce from the University of Victoria, a Masters of Professional Accounting from the University of Saskatchewan and is a Chartered Professional Accountant.



Robyn Fiell Investment Analyst

Robyn joined ARC in 2024 with prior experience at a global investment bank where she focused on mergers, acquisitions and divestitures in the oil and gas sector. She has a Bachelor of Science in Geological Engineering from Queen's University.



ARC FINANCIAL CORP. | UNIQUELY POSITIONED IN ENERGY



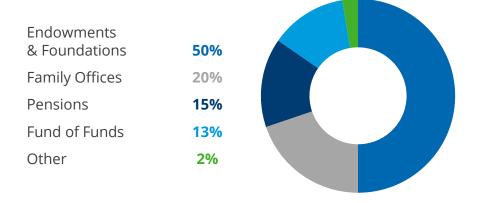
(1) Based on country of incorporation.



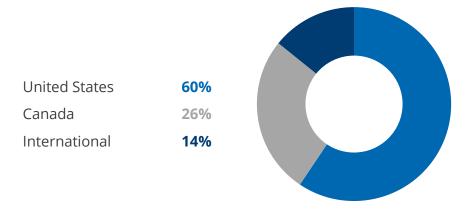
ARC FINANCIAL CORP. | FUNDS UNDER MANAGEMENT

Fund	Vintage	Status
ARC Energy Fund 1	1997	Fully Liquidated
ARC Energy Fund 2	1999	Fully Liquidated
ARC Energy Fund 3	2001	Fully Liquidated
ARC Energy Fund 4	2004	Fully Liquidated
ARC Energy Fund 5	2006	Fully Liquidated
ARC Energy Fund 6	2008	Realizing
ARC Energy Fund 7	2012	Realizing
ARC Energy Fund 8	2015	Realizing
ARC Energy Fund 9	2018	Active
ARC Energy Transition Fund	2023	Active / Fundraising
ARC Fund 11 – Oil & Gas	2023	Active / Fundraising

INVESTOR COMPOSITION(1)



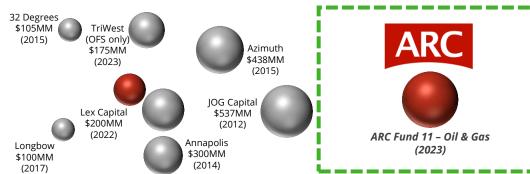
INVESTOR GEOGRAPHY⁽¹⁾





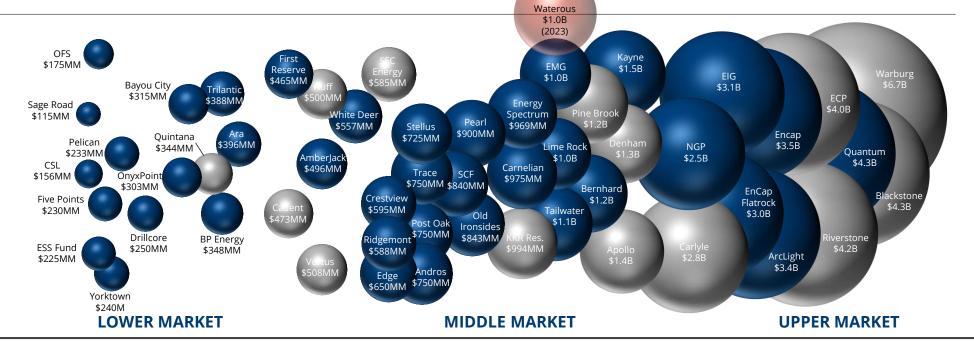
LIMITED PRIVATE EQUITY COMPETITION IN CANADA





- ARC and platform teams see virtually all Canadian Oil & Gas deals
- 84% of capital in Funds 7 9 invested in proprietary ARC opportunities





Bubble size reflective of Fund size; Red & Blue: PE funds active in O&G; Grey: PE funds no longer active in O&G or with non-PE style strategy



ARC ENERGY RESEARCH INSTITUTE | DIFFERENTIATED IN-HOUSE RESEARCH

-CONTEXT | VISION | INSIGHT-

The Institute's proprietary research informs ARC and its stakeholders' investment strategy and decisions

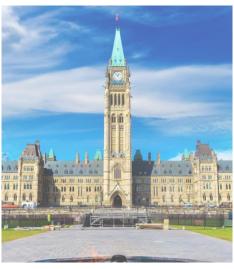
- ARC Financial
- Portfolio Companies
- Investors
- Policy Makers
- Public Forums

Scan here to listen to the ARC Energy Ideas podcast





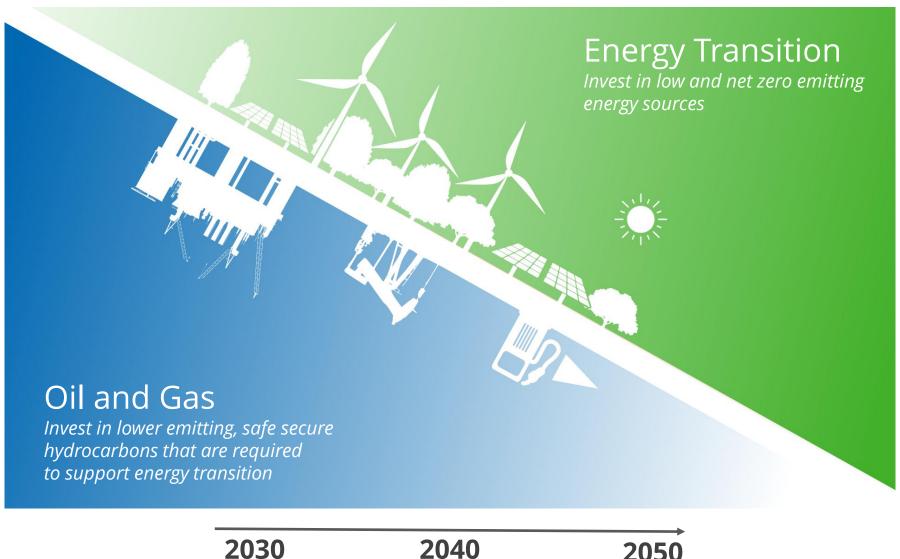




A unique approach to researching, collaborating and communicating allows the Institute to help decision-makers demystify the complexities of energy systems



ARC FINANCIAL'S EVOLVING ENERGY FOCUS





ARC FUND 11 – OIL & GAS | INVESTMENT STRATEGY

Investment Characteristics

The Foundation

- Targeting 2.5X 3.0X multiple and 25% – 35% IRR (gross)
- Experienced management teams
- Short J-curve/cycle time
- Limited infrastructure investment required
- Established resource in place



Targeted Asset Profiles

Harvest Free Cash Flow (Primary Focus)

Asset Attributes

- Attractive entry price
- Manageable ARO
- Near-term free cash flow

Value Creation

- Optimize costs
- Extend reserve life
- Improve declines
- Maximize free cash flow

Oifferentiated Growth (Secondary Focus)

Asset Attributes

- Core position/path at entry
- Type-curve predictability
- Bypassed pay/strong analogs

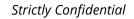
Value Creation

- Step-change in production
- Grow reserves/resource
- Improve capital efficiencies
- Operational excellence



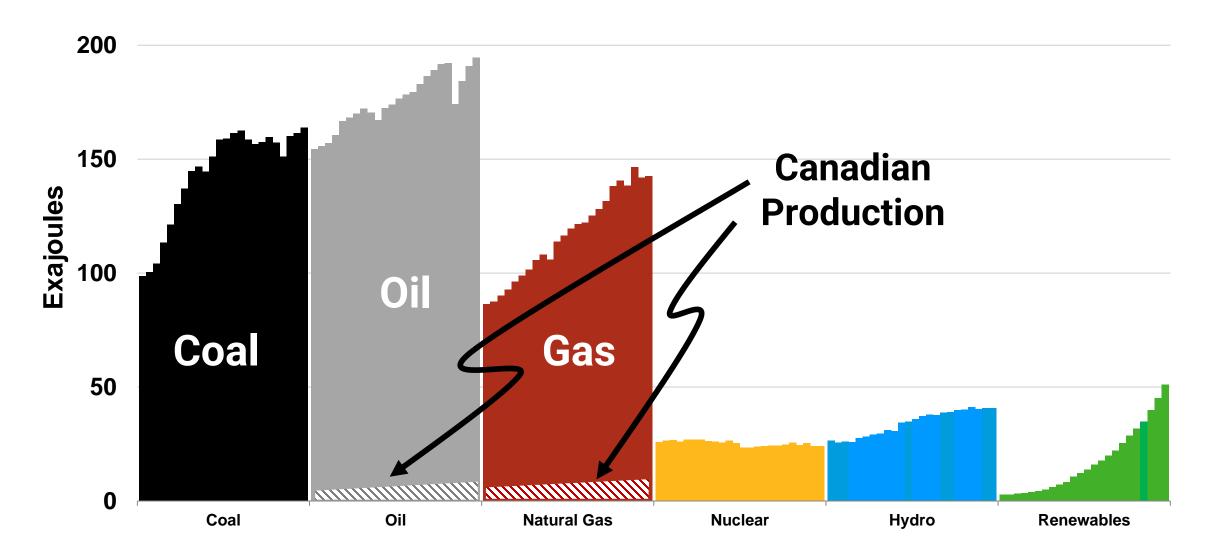


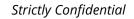
OIL AND GAS MARKET BACKDROP





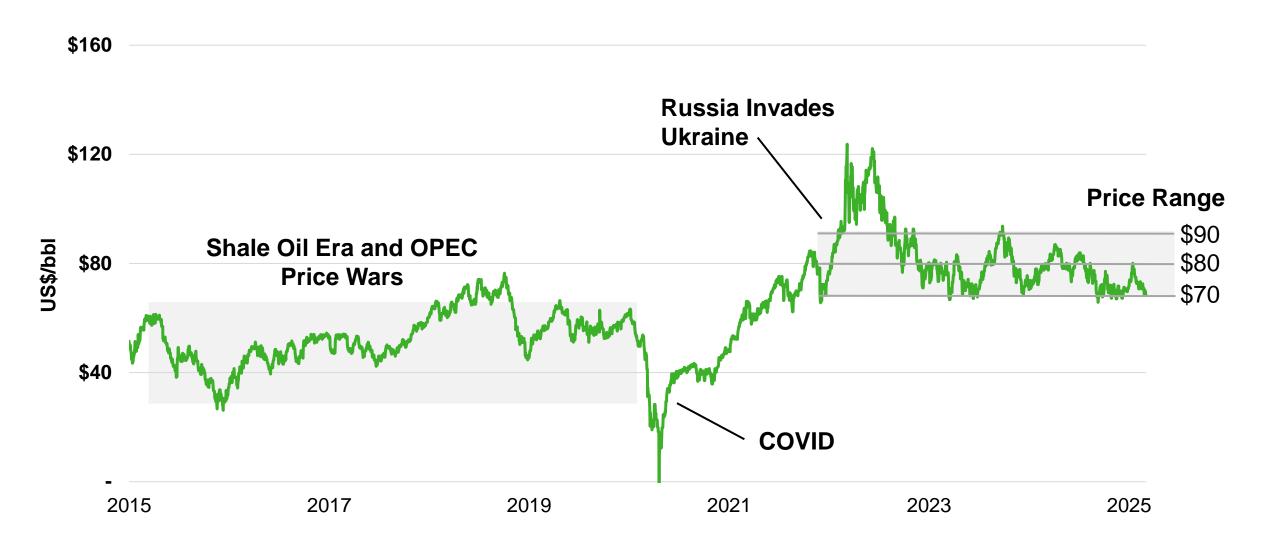
WORLD ENERGY | CONSUMPTION BY SOURCE

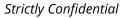






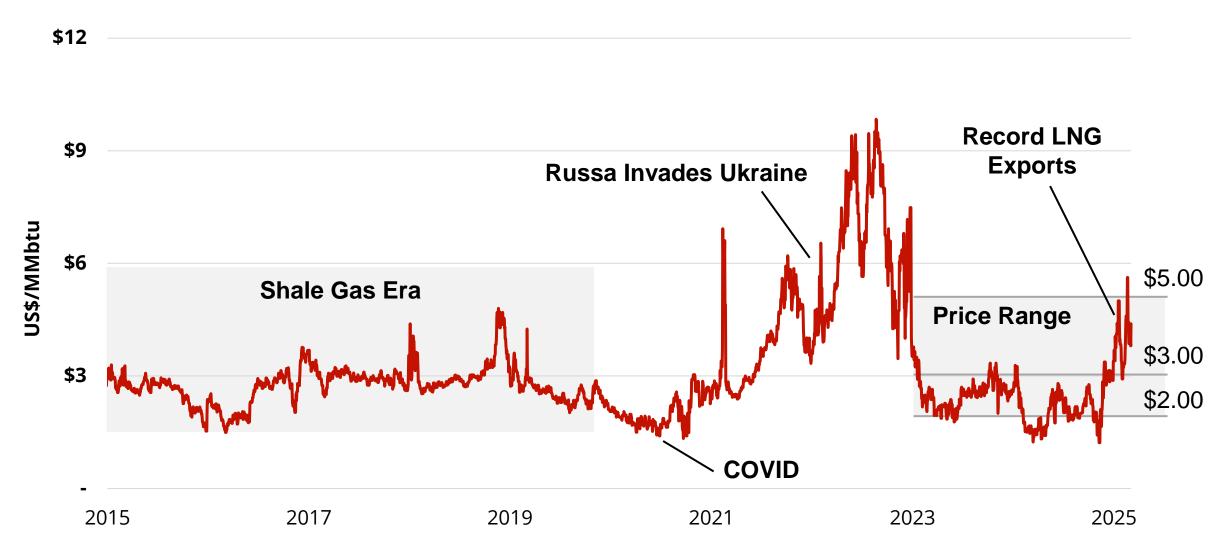
WTI CRUDE OIL PRICE | DAILY 2015 TO CURRENT







HENRY HUB NATURAL GAS PRICE | DAILY 2015 TO CURRENT



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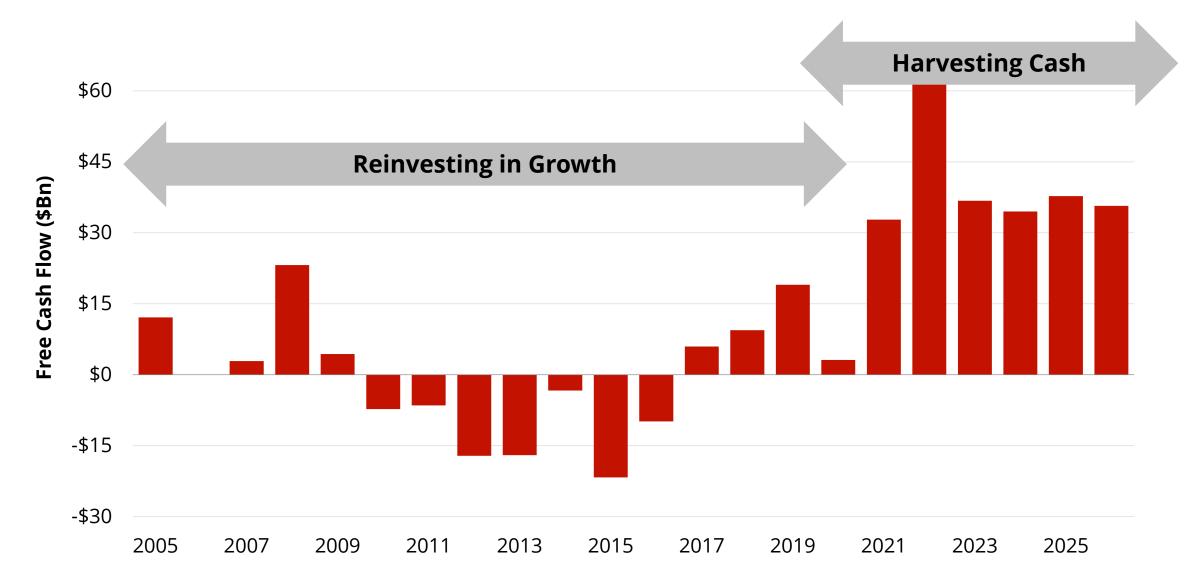
SIGNIFICANT MACRO FACTORS | S&P/TSX O&G INDEX



Source: ARC Financial Corp., Bloomberg

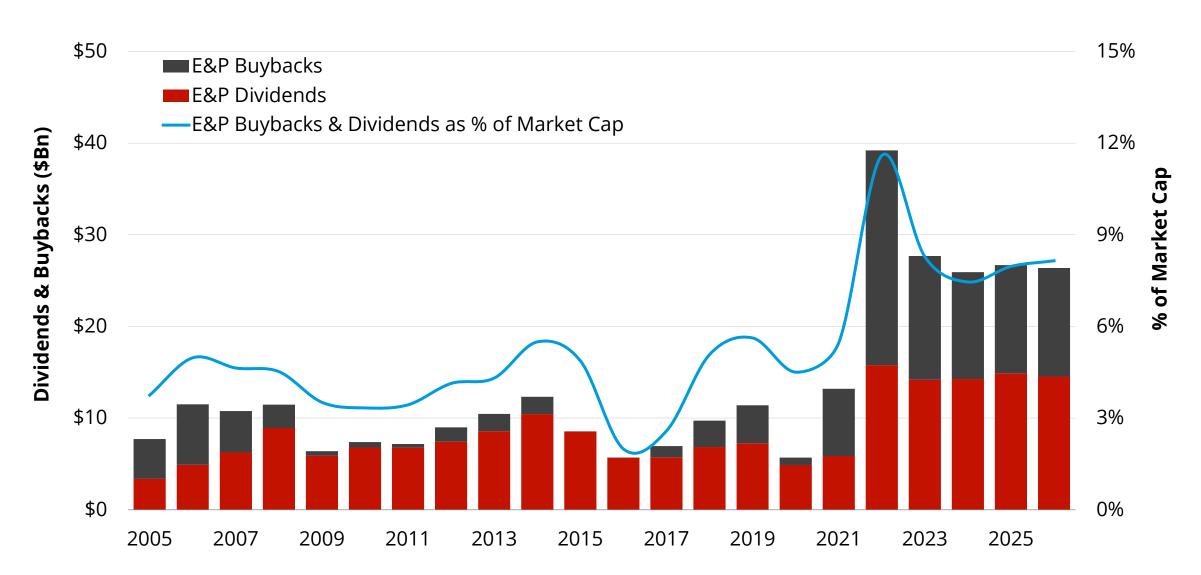


CANADIAN E&P SECTOR | FREE CASH FLOW THROUGH TIME





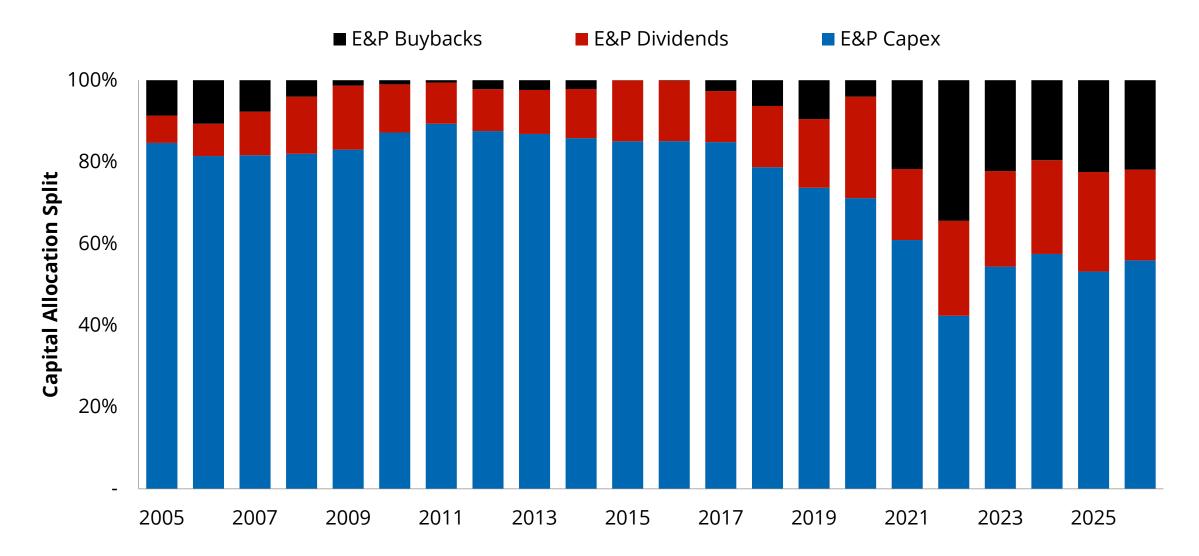
CANADIAN E&P SECTOR | BUYBACKS AND DIVIDENDS



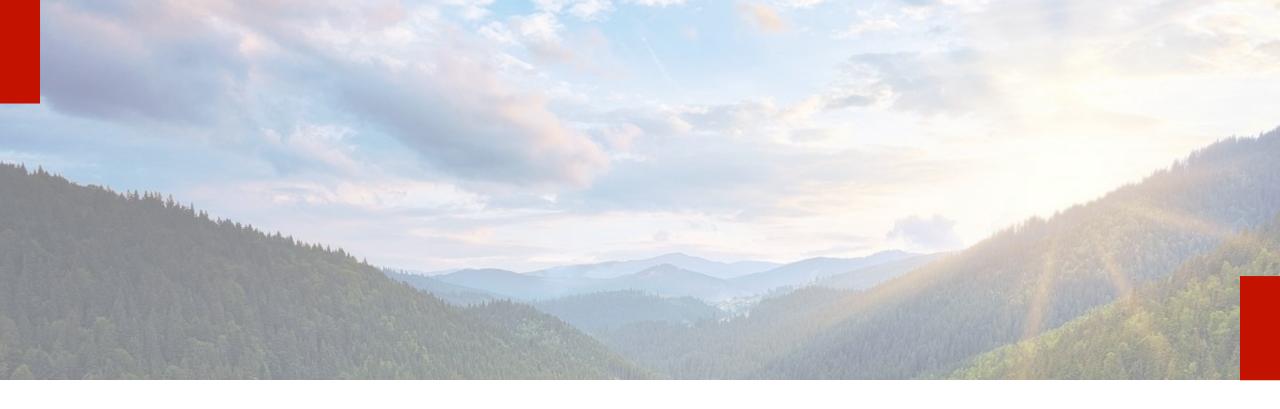
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CANADIAN E&P SECTOR | SHIFT FROM GROWTH TO HARVEST



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OIL AND GAS EVALUATION



OIL AND GAS EVALUATION | APPROACH TO VALUE

FAIR VALUE

"the amount of consideration that would be agreed upon in an arm's length transaction between knowledgeable, willing parties who are under no compulsion to act, as at the measurement date"

TYPICAL VALUATION PROCESS

Determine appropriate market benchmarks

Most applicable benchmarks may shift from period to period depending on market conditions and data availability and quality Apply benchmark metrics to private companies

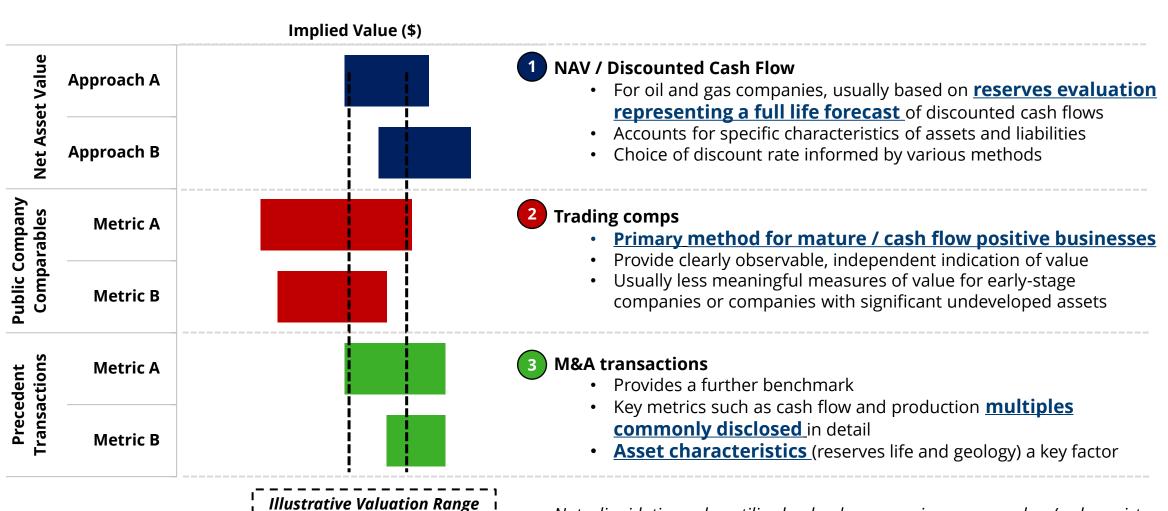
Apply professional judgment for qualitative considerations as appropriate, such as:

- Recent equity raises or corporate transactions
- Asset concentration or balance sheet risk
- Asset composition (e.g. land value versus producing reserves value)
- Asset performance risk (e.g. short production history in a new play)

Source: ARC Financial Corp.

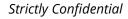


OIL AND GAS EVALUATION | APPROACH TO VALUE



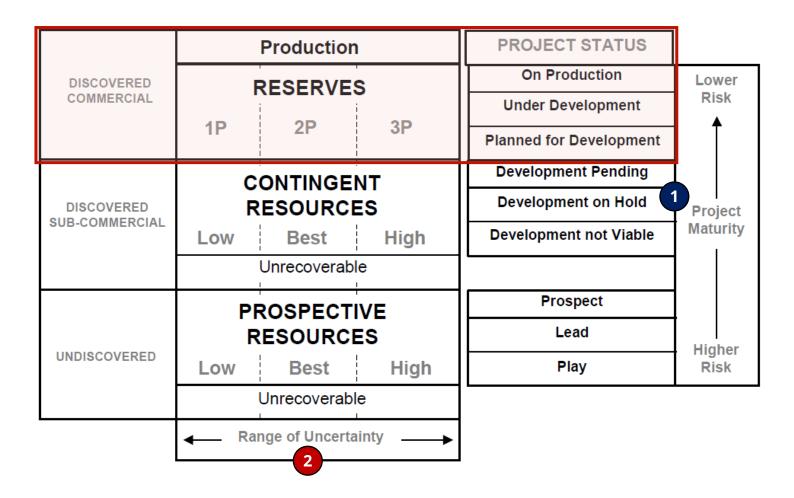
Note: liquidation value utilized only where no going concern plan / value exists

Source: ARC Financial Corp.





OIL AND GAS RESERVES | DEFINITIONS



"Reserves are estimated remaining quantities of oil and natural gas and related substances anticipated to be recoverable from known accumulations, from a given date forward"

Reserves are defined by project maturity and forecast certainty

- Project maturity = developed (PDP) or undeveloped (PUD)
- Procest certainty = proved (1P), probable (2P) or possible (3P), as defined by probability of achieving forecast production

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OIL AND GAS RESERVES | PUBLIC REPORTING

CANADIAN INDEPENDENT RESERVES EVALUATORS

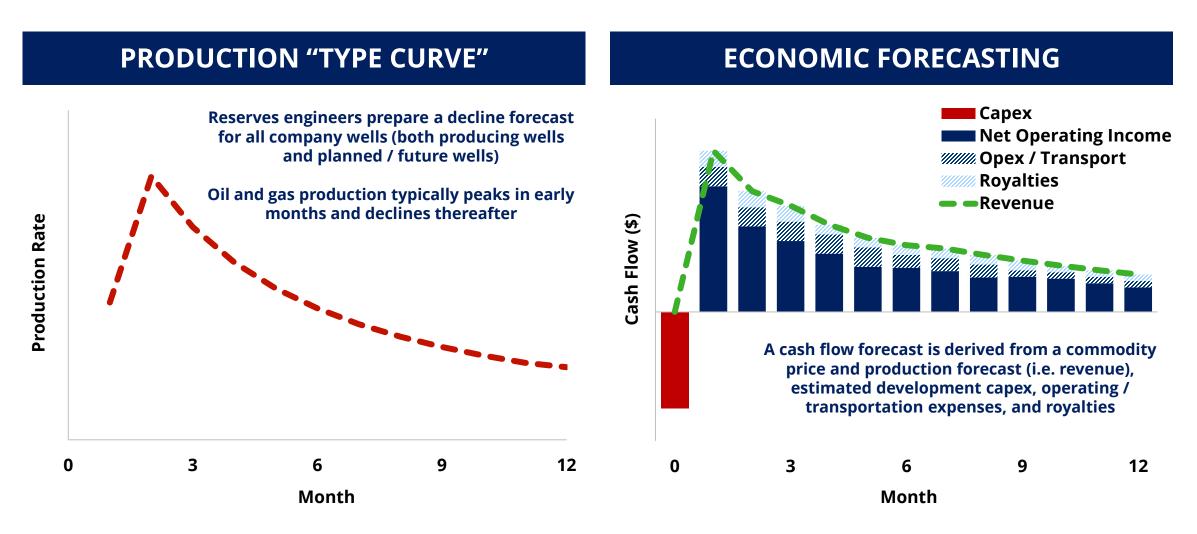


- Securities agencies such as the SEC and CSA define rules for publicly traded companies around reserves information disclosure
- Canadian publicly traded oil and gas companies must disclosure in accordance with CSA's National Instrument (NI) 51-101
- Independent qualified evaluators (i.e. external consultants) must be employed to evaluate or audit, annually, at least 75% of each company's properties based on proved plus probable future net revenue

Reserves represent the core asset value of an upstream oil and gas company



OIL AND GAS RESERVES | ENGINEERING FORECAST



Fundamental engineering analysis drives excel valuation model

Source: ARC Financial Corp.



OIL AND GAS RESERVES | PUBLIC DISCLOSURE

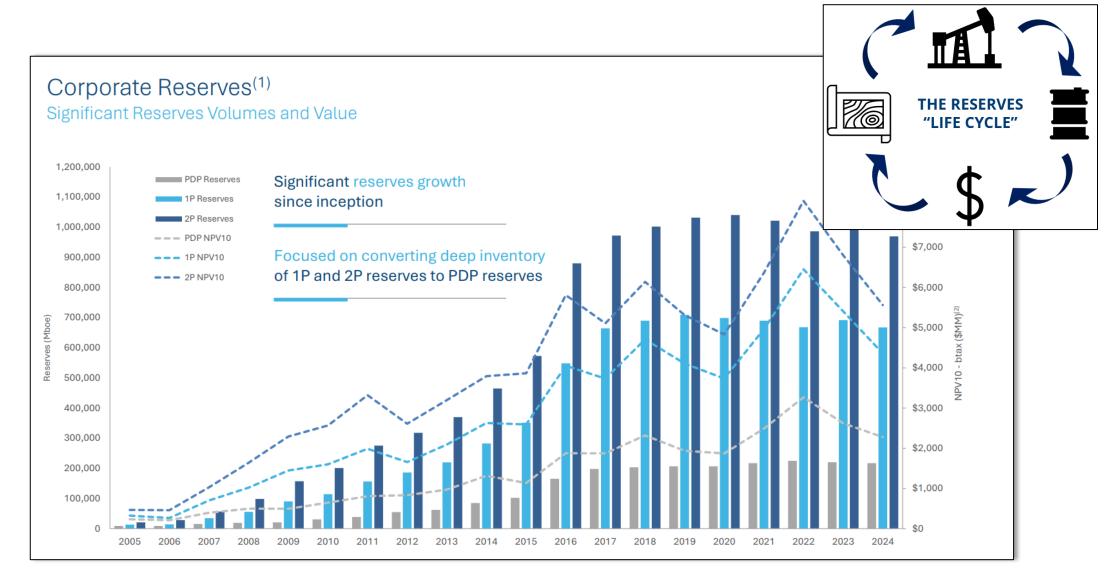
	Light Crud Medium	le Oil and Crude Oil		ntional al Gas	Shale	e Gas	NG	Ls ⁽¹⁾	Total Oil E	quivalent
Reserves Category	Gross (Mbbls)	Net (Mbbls)	Gross (MMcf)	Net (MMcf)	Gross (MMcf)	Net (MMcf)	Gross (Mbbls)	Net (Mbbls)	Gross (Mboe)	Net (Mboe)
Proved										
Developed Producing	5,131	4,158	7,391	6,983	1,063,766	971,025	36,879	29,119	220,536	196,278
Developed Non-Producing	9	9	0	0	4,064	3,794	147	122	833	763
Undeveloped	9,320	7,564	2,860	2,598	2,425,192	2,162,833	56,522	44,277	470,517	412,746
Total Proved	14,460	11,731	10,251	9,581	3,493,022	3,137,653	93,547	73,517	691,886	609,787
Total Probable	10,088	7,688	5,666	5,273	1,438,587	1,248,201	51,213	38,810	302,011	255,410
Total Proved Plus Probable	24,549	19,419	15,917	14,854	4,931,609	4,385,854	144,760	112,327	993,897	865,197

Before Income Taxes Discounted At (%/year)						Unit Value
Reserves Category	0 % (\$000s)	5% (\$000s)	10% (\$000s)	15% (\$000s)	20% (\$000s)	Discounted at 10%/year (\$/boe)(1)
Proved						
Developed Producing	4,481,835	3,353,987	2,620,064	2,140,711	1,810,682	13.35
Developed Non-Producing	17,265	12,118	9,029	7,027	5,650	11.83
Undeveloped	8,818,786	4,755,389	2,776,525	1,701,682	1,068,585	6.73
Total Proved	13,317,886	8,121,493	5,405,617	3,849,420	2,884,917	8.86
Total Probable	7,274,926	2,993,370	1,429,800	765,411	447,752	5.60
Total Proved Plus Probable	20,592,812	11,114,863	6,835,417	4,614,831	3,332,669	7.90

Source: Birchcliff Energy Ltd. 2023 AIF

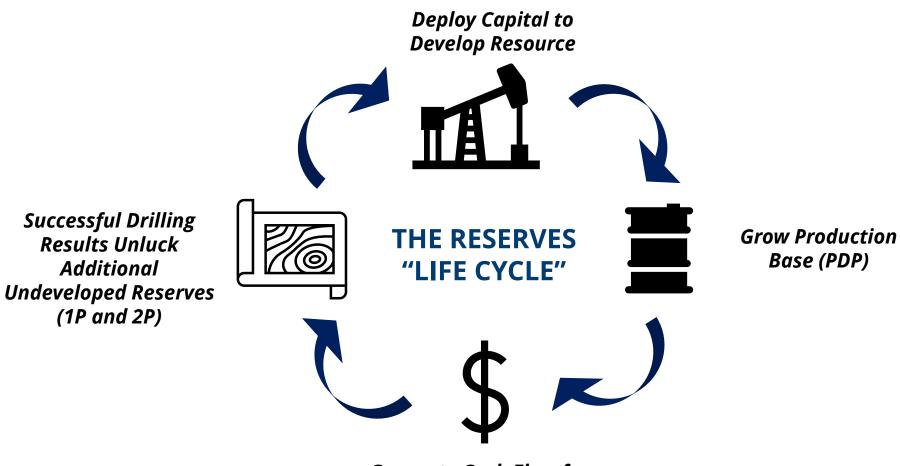


OIL AND GAS RESERVES | PUBLIC DISCLOSURE





OIL AND GAS RESERVES | GROWTH AND CONVERSION



Generate Cash Flow from **Production Additions**

Successful Drilling

Results Unluck

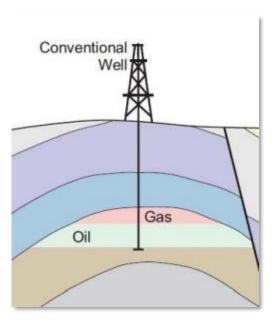
Additional

(1P and 2P)



OIL AND GAS EVALUATION | ASSET CHARACTERISTICS

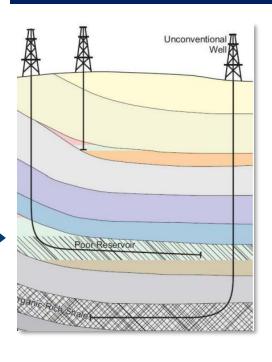
CONVENTIONAL



- Porous reservoir that occur in discrete pools
- Does not require frac'ing to produce
- More developed to date and higher decommissioning
- Shorter cycle times / cheaper development, but lower recoveries
- Generally low decline, free cash flow generating assets with less growth

Valuation generally accounts for only developed, producing assets

UNCONVENTIONAL



- Expansive deep, trapped reservoirs
- Require frac'ing to produce
- Discovered during shale revolution less developed to date
- Longer cycle times / higher cost, but significantly higher recoveries
- Generally long-life assets with strong growth potential

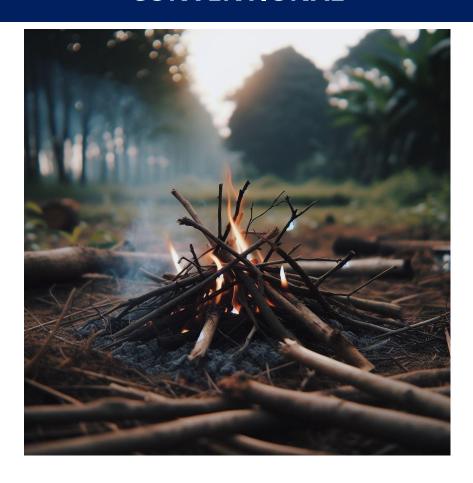
Valuation generally represents current production stream <u>and</u> some portion of future undeveloped resource

Source: ARC Financial Corp.

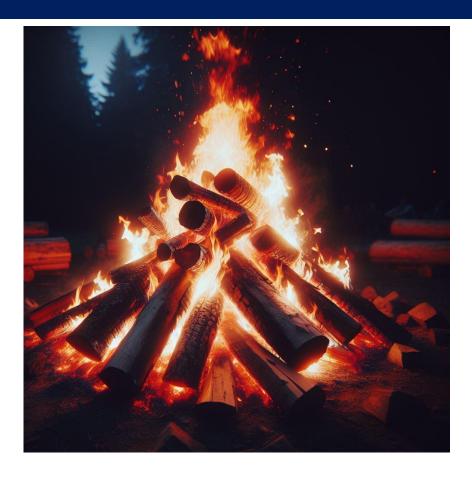


OIL AND GAS EVALUATION | ASSET CHARACTERISTICS

CONVENTIONAL



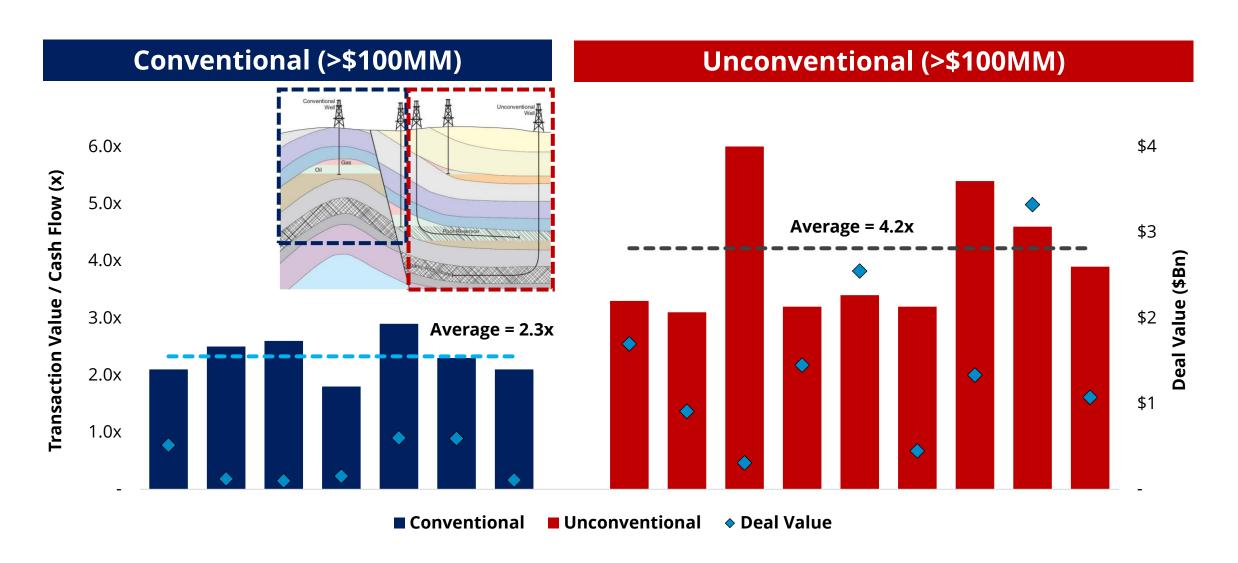
UNCONVENTIONAL



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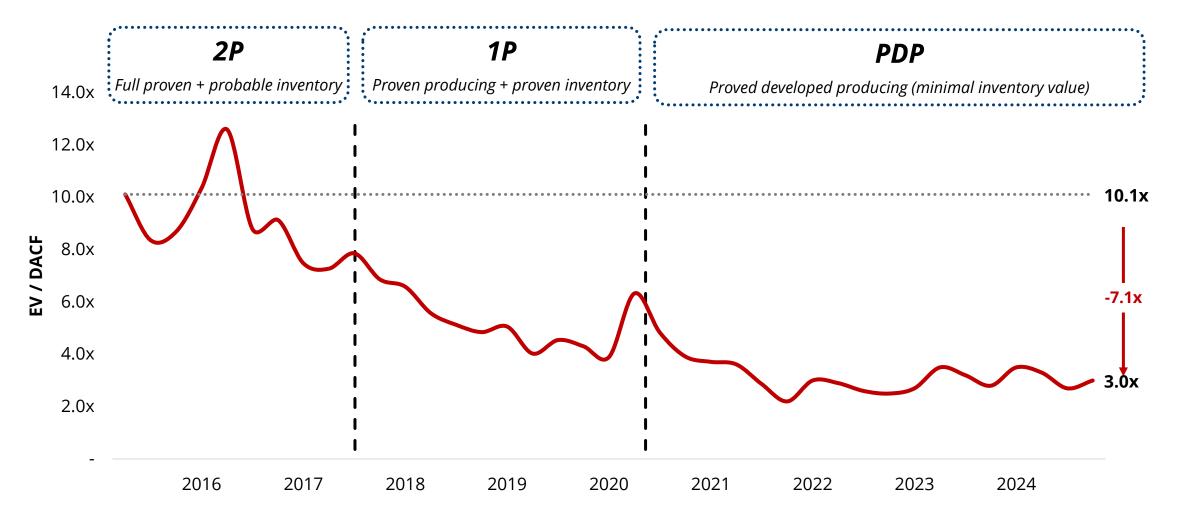
OIL AND GAS EVALUATION | M&A TRANSACTION VALUATIONS (2023+)



Source: ARC Financial Corp., public company disclosure



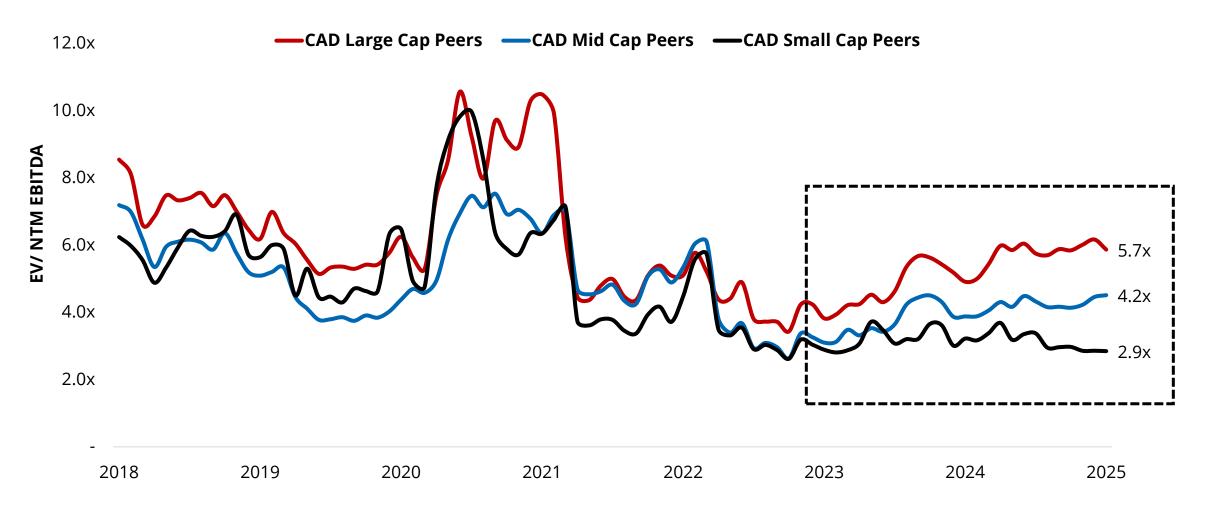
OIL AND GAS EVALUATION JUNIOR & INTERMEDIATE PEER MULTIPLES



Significant multiple compression across Canadian intermediate & junior peers since 2015



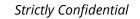
OIL AND GAS EVALUATION | CANADIAN PUBLIC PEER MULTIPLES



Small and mid cap valuation discount to larger peers has widened



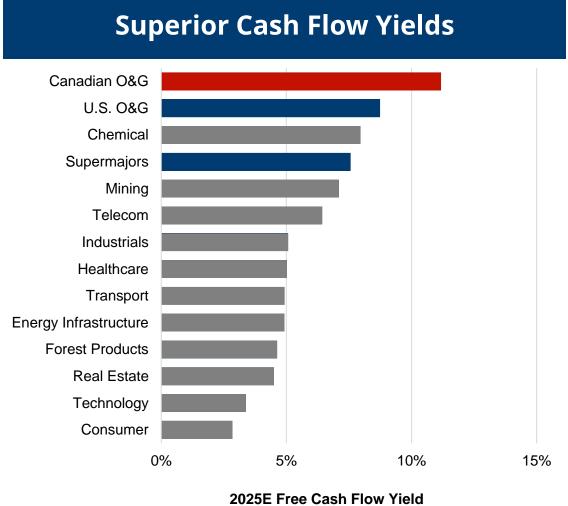
CONCLUDING THOUGHTS



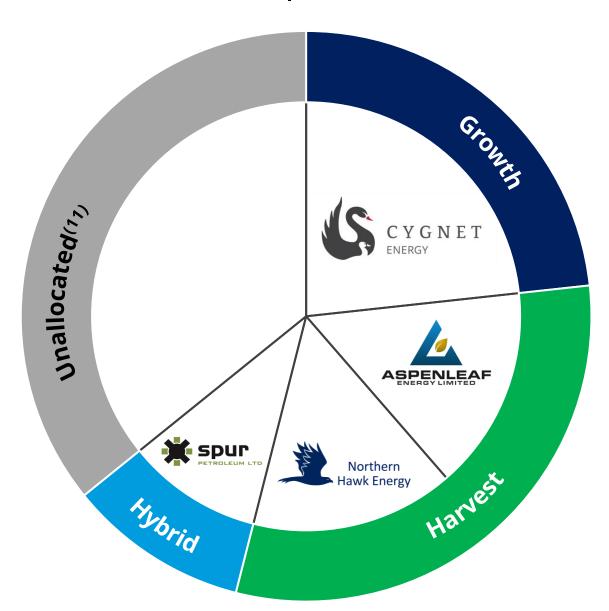


THE CANADIAN OIL & GAS OPPORTUNITY





ARC FUND 11 | OIL AND GAS PORTFOLIO



Forecasting multiple near-term catalysts:









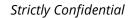


 High free cash flow asset with robust distribution projections over next 5 years



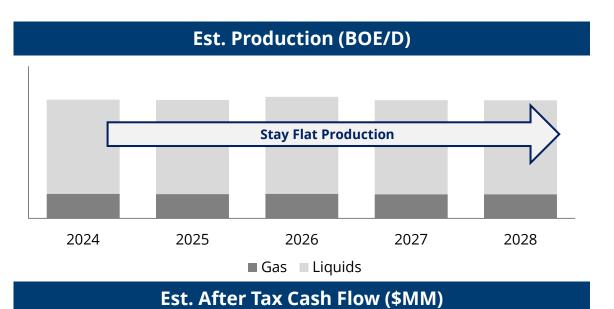
Meaningful growth and dividends

Existing portfolio projected to generate a double digit annual free cash flow yield over the next 5 years





COMPANY 1 | HARVESTING FREE CASH FLOW



Investment Highlights

- De-risked business plan positioned to harvest cash flow
- Proven management team
- Attractive entry multiple of ~2.0x EV/DACF⁽¹³⁾

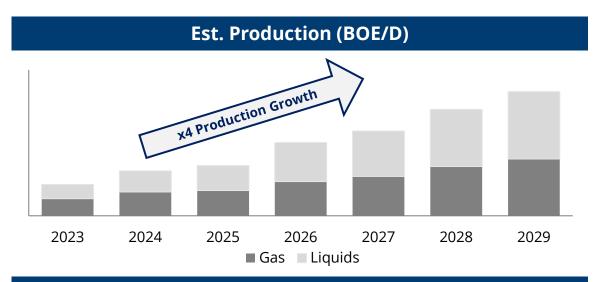
2024 2025 2026 2027 2028 Cash Flow Free Cash Flow — Corp. Cum. FCF

Potential Return Profile MOIC (X)						
	\$65	\$70	\$75	\$80		
1.5X	1.5X	1.7X	2.0X	2.2X		
2.0X	1.8X	2.0X	2.3X	2.5X		
2.5X	2.0X	2.3X	2.6X	2.8X		
3.0X	2.3X	2.6X	2.8X	3.1X		

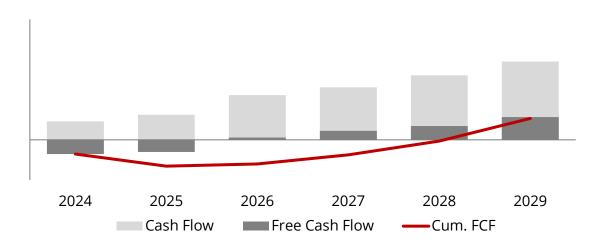




COMPANY 2 | DIFFERENTIATD GROWTH



Est. After Tax Cash Flow (\$MM)



Investment Highlights

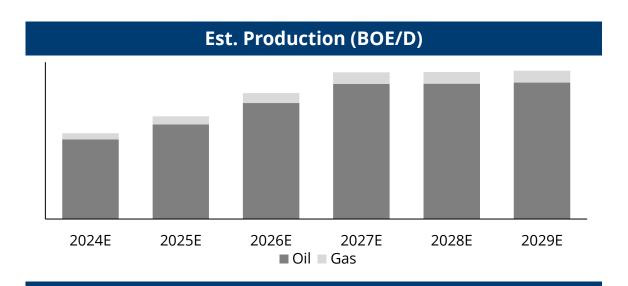
- Purpose management team with demonstrated success at all points along development cycle
- Formed from low decline assets in coveted unconventional resource plays
- Strong growth potential to reach sustainable production plateau

Potential Return Profile | MOIC (X)

	\$65	\$70	\$75	\$80
3.5X	1.7X	1.9X	2.2X	2.5X
4.0X	1.9X	2.2X	2.4X	2.8X
4.5X	2.3X	2.4X	2.6X	3.1X
5.0X	2.4X	2.6X	2.9X	3.3X
5.5X	2.6X	2.8X	3.1X	3.6X



COMPANY 3 | ASSETS WITH GROWTH AND YILED



Investment Highlights

- Exposure to a preeminent team in a highly economic oil play
- Half cycle break-even at <\$US 35 WTI with base dividend and capex protected at \$US 50 WTI
- Derisked inventory base supports meaningful growth

2024E 2025E 2026E 2027E 2028E 2029E Cash Flow (LHS) Free Cash Flow (LHS) — Cum. FCF (RHS)

Potential Return Profile MOIC (X)					
	\$65	\$70	\$75	\$80	
4.0X	1.8X	2.1X	2.3X	2.6X	
4.5X	2.0X	2.2X	2.5X	2.8X	
5.0X	2.1X	2.4X	2.7X	2.9X	
5.5X	2.2X	2.5X	2.8X	3.1X	

DEFINITIONS

AERI – ARC Energy Research Institute

ARO – Asset Retirement Obligation

BOE - Barrel of oil equivalent

C&I - Commercial and industrial

CCS – Carbon Capture and Storage

CCUS - Carbon Capture Utilization and Storage

E&P - Exploration and Production

ET – Energy Transition

FCF - Free cash flow

Full Cycle - Full cycle incorporates land/entry costs and infrastructure costs in an economic evaluation, aligning more closely with the concept of the return on capital for the full investment

Half Cycle – Half cycle considers only the economics of the cost to drill and produce a well. It effectively aligns with the concept of marginal cost, as it treats land or other entry costs, and in some cases infrastructure, as sunk costs. It facilitates comparisons of different plays and company performance within plays on a forward looking basis where the timing, method and cost of entry may have been very different

GORR - Gross overriding royalty

IEA Future Scenarios:

- STEPS (Stated Policies Scenario): Shows the trajectory implied by today's policy settings.
- APS (Announced Pledges Scenario): Assumes that all aspirational targets announced by governments are met on time and in full, including their long-term net zero and energy access goals.
- NZE (Net Zero Emissions by 2050 Scenario): Maps out a way to achieve a 1.5°C stabilization in the rise in global average temperatures, alongside universal access to modern energy by 2030.

IRR – Internal rate of return

Mcf – Thousand cubic feet (quantity of natural gas)

MID – Midstream

MOIC - Multiple on Invested Capital

NMF - Not meaningful

NTM - Next twelve months

O&M - Operations and Maintenance

OFS - Oilfield service

PCP – progressing cavity pump

Type Curve – A representative production profile of a well for a specific play and/or area, typically arrived at through an average of comparable well results. A type curve production and decline profile facilitates forecasting, reserve estimation, and capital budgeting and other economic analysis

WCS - Western Canadian Select is a widely used pricing benchmark for medium to heavy (210 API) crude streams produced in western Canada and priced at the Hardisty terminal in south eastern Alberta

WCSB – Western Canadian Sedimentary Basin is a vast sedimentary basin underlying 1,400,000 square kilometers (540,000 square miles) of western Canada, including southwestern Manitoba, southern Saskatchewan, Alberta, northeastern British Columbia and the southwest corner of the Northwest Territories

Well IRR - The internal rate of return of the cash flow profile of drilling and producing a single well, typically using a type curve profile



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