



Corporate Presentation
February 2025

TSXV: ALV

OTCQX: ALVOF

Alvopetro - A Disciplined Capital Allocation Model



First Brazilian integrated onshore natural gas producer



Strong operating and financial results well ahead of expectations



Balanced reinvestment and stakeholder return model



High rate of return opportunities in Brazil & Canada



Proven team with successful track record

ALVOPETRO

All references to "\$" refers to U.S. dollars. C\$ refers to Canadian dollars

Alberta-Saskatchewan Mannville Conventional Heavy Oil Fairway

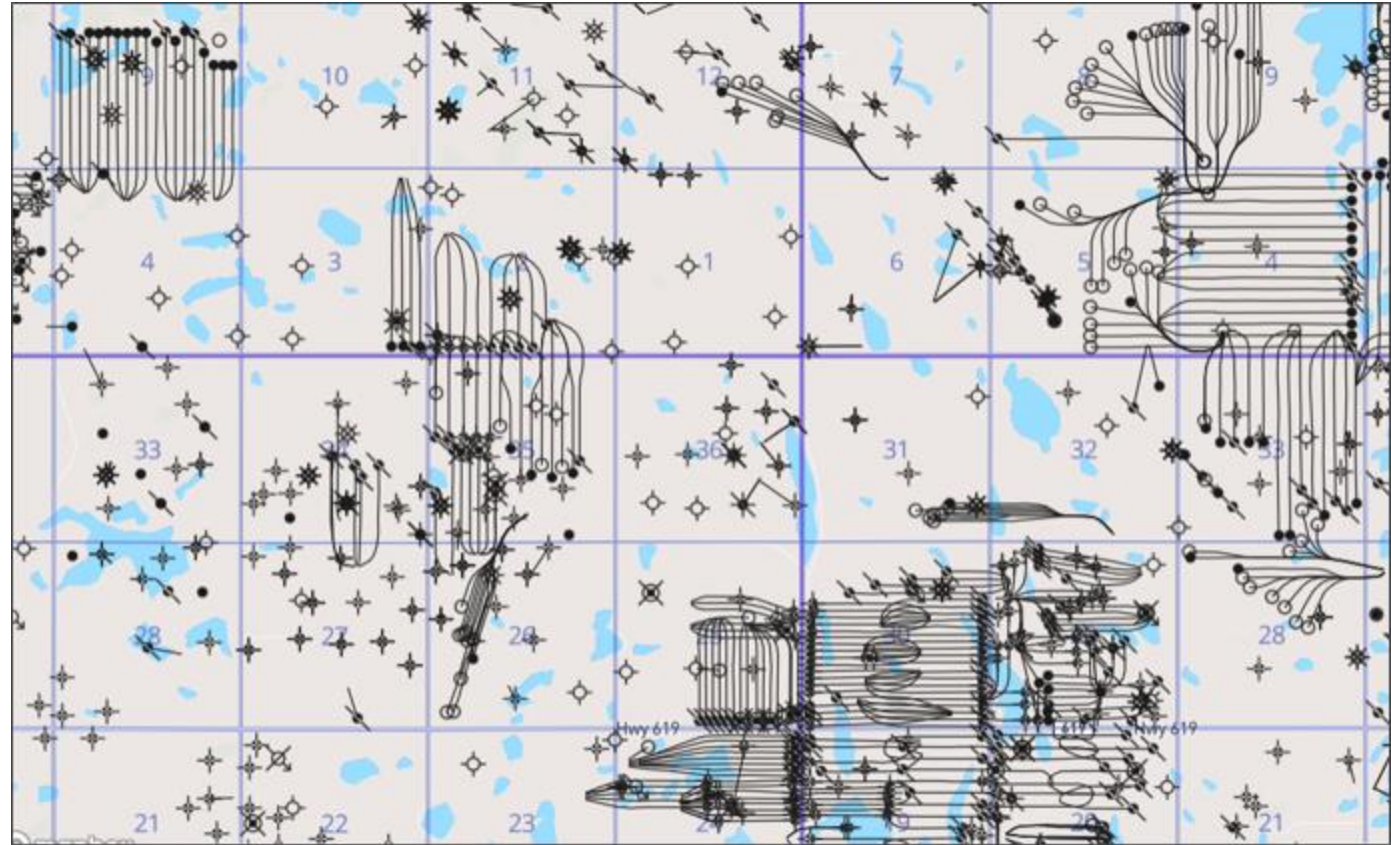
AGE		Athabasca	Cold Lake	Lloydminster		
Lower Cretaceous	Albian	La Biche Fm	Colorado Grp		Colorado Grp	
		Pelican Fm		Viking Fm		Viking Fm
		Joli Fou Fm		Joli Fou Fm		Joli Fou Fm
		Mannville Grp	Grand Rapids Fm	Upper Grand Rapids	Colony McLaren Waseca	Upper
			Clearwater Fm	Lower Grand Rapids	Sparky GP Rex	Middle
	Aptian and Older	Wabiskaw Mb	Clearwater Fm	Lloydminster Cummings	Middle	
		McMurray Fm	McMurray Fm	Dina Fm	Lower	
	Pre Cretaceous		Devonian			



Source: Tapping into Opportunity: Unlocking the Potential of Mannville Oil in the Lloydminster and Cold Lake Areas – Part 1 – GLJ | Your Global Energy Partner

Western Canadian Growth Platform

- Initial focus area – Mannville heavy oil fairway
- Multi-zone with large amounts of OOIP
- Partnered with an established operator with strong track record
- Funding 100% of first 2 wells to earn a 50% working interest in 19.1 sections (6,112 acres net) of land
- Potential for > 100 drilling locations
- Attractive economics through the application of multilateral drilling technology



At a Glance – Value, Yield, Growth

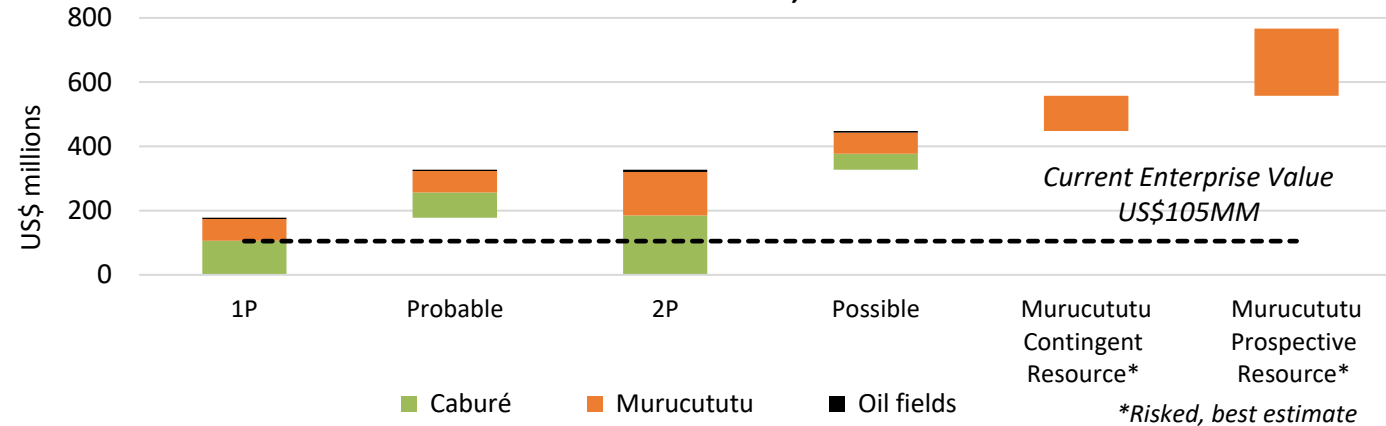
Market Summary

Shares outstanding ⁽¹⁾	36.3 million
Average daily trading volume ⁽¹⁾	55,019
Insider ownership ⁽¹⁾	9.4%
Market cap/Enterprise value ⁽²⁾	\$121 million/\$105 million

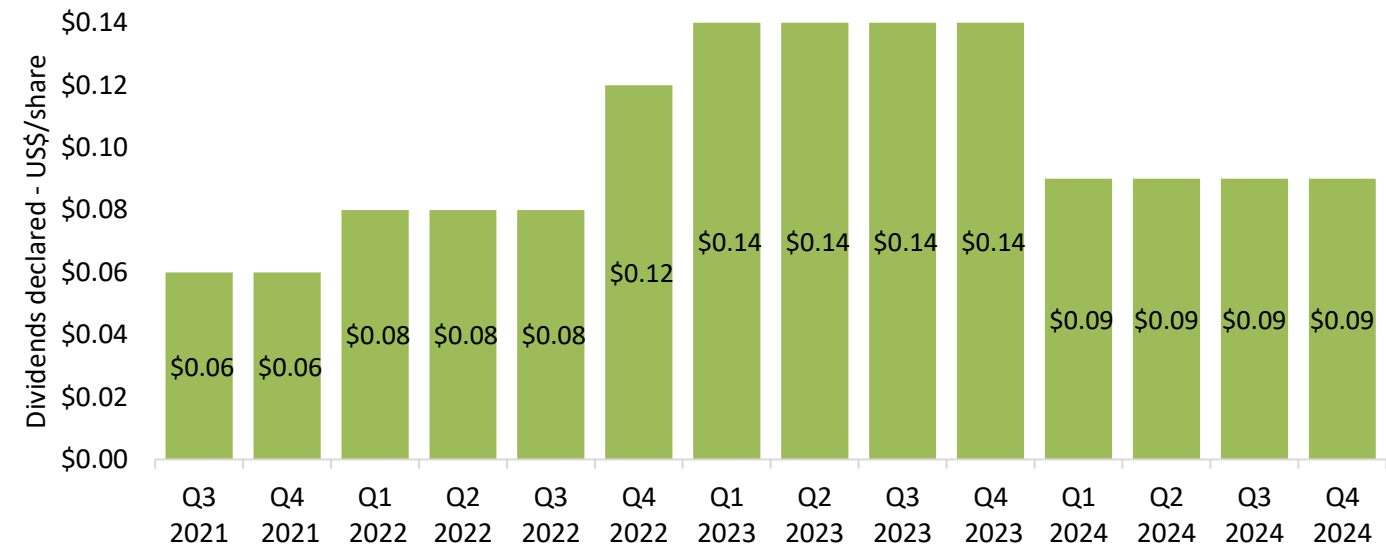
Operating & Financial

Production – Q4 2024	1,738 boepd
Production mix	95% natural gas
2P Reserves ⁽⁴⁾	9.1 MMboe
2P NPV 10 before tax ⁽⁴⁾	\$327.8 million
2P NPV 10 after tax ⁽⁴⁾	\$273.0 million
Q3 funds flow from operations ⁽³⁾⁽⁹⁾	\$9.9 million
Enterprise Value/annualized FFFO ⁽⁹⁾	2.7 times
Working capital ⁽³⁾⁽⁶⁾⁽⁹⁾	\$15.8 million
Quarterly dividend – Q4 2024	\$0.09/share

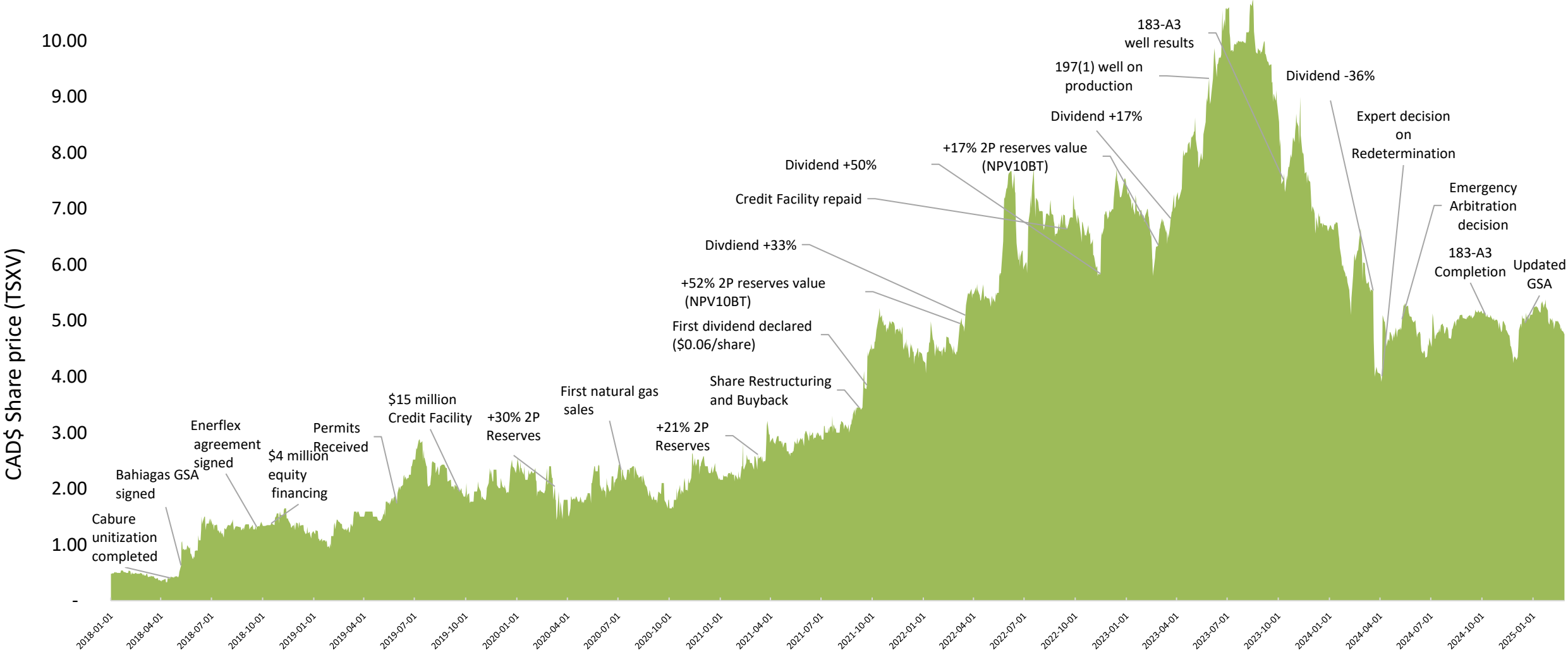
Reserves & Resources, NPV10 before tax ⁽⁴⁾⁽⁷⁾⁽⁸⁾⁽¹²⁾
December 31, 2024



Dividend History (Current Annualized Yield – 10.8%)



Focused on Delivering Shareholder Returns



1,241% return since 2018

including dividends (based on payment date), assumes cash returns without reinvestment

Brazil a Growing Market with Attractive Fundamentals



Largest oil producer in S. America and 9th globally



New natural gas market. 48% of supply is currently imported



World's 12th largest economy



Attractive fiscal regime with 5.5-11% royalties & 15%-34% income tax



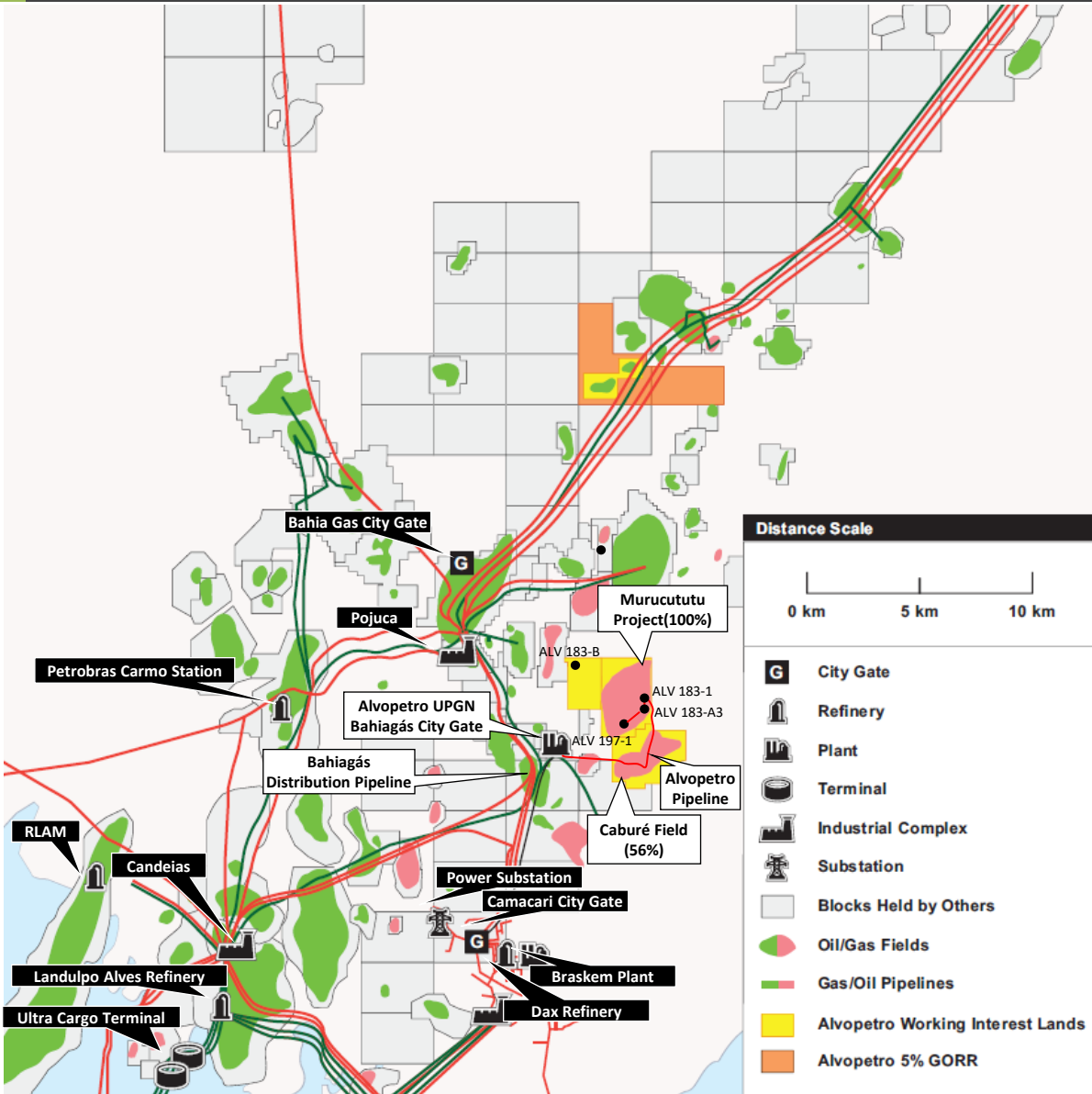
Stable regulatory framework attracting new investments



Expanding onshore oil & gas market

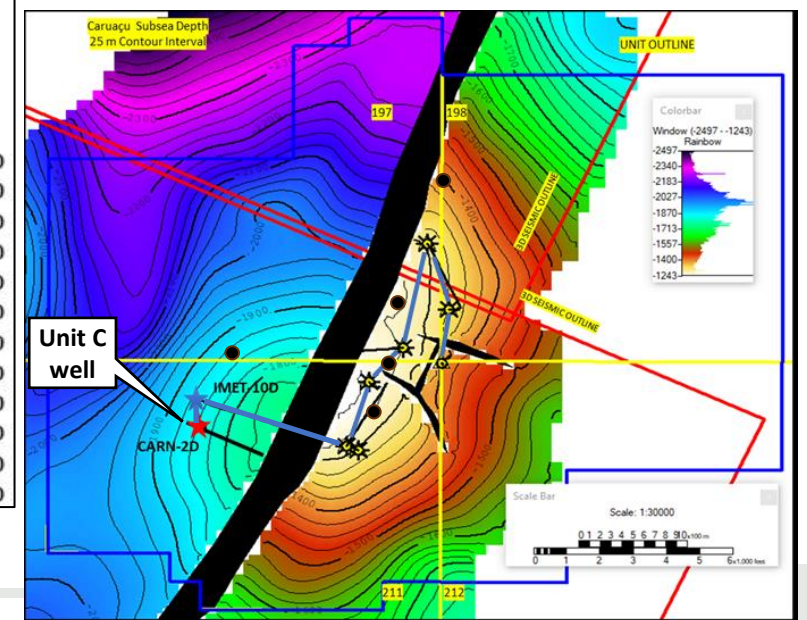
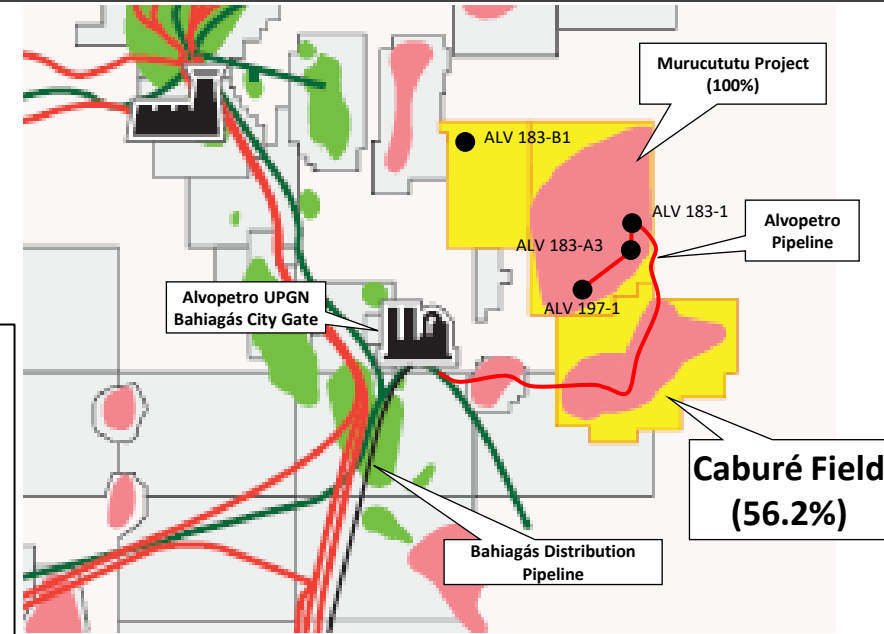
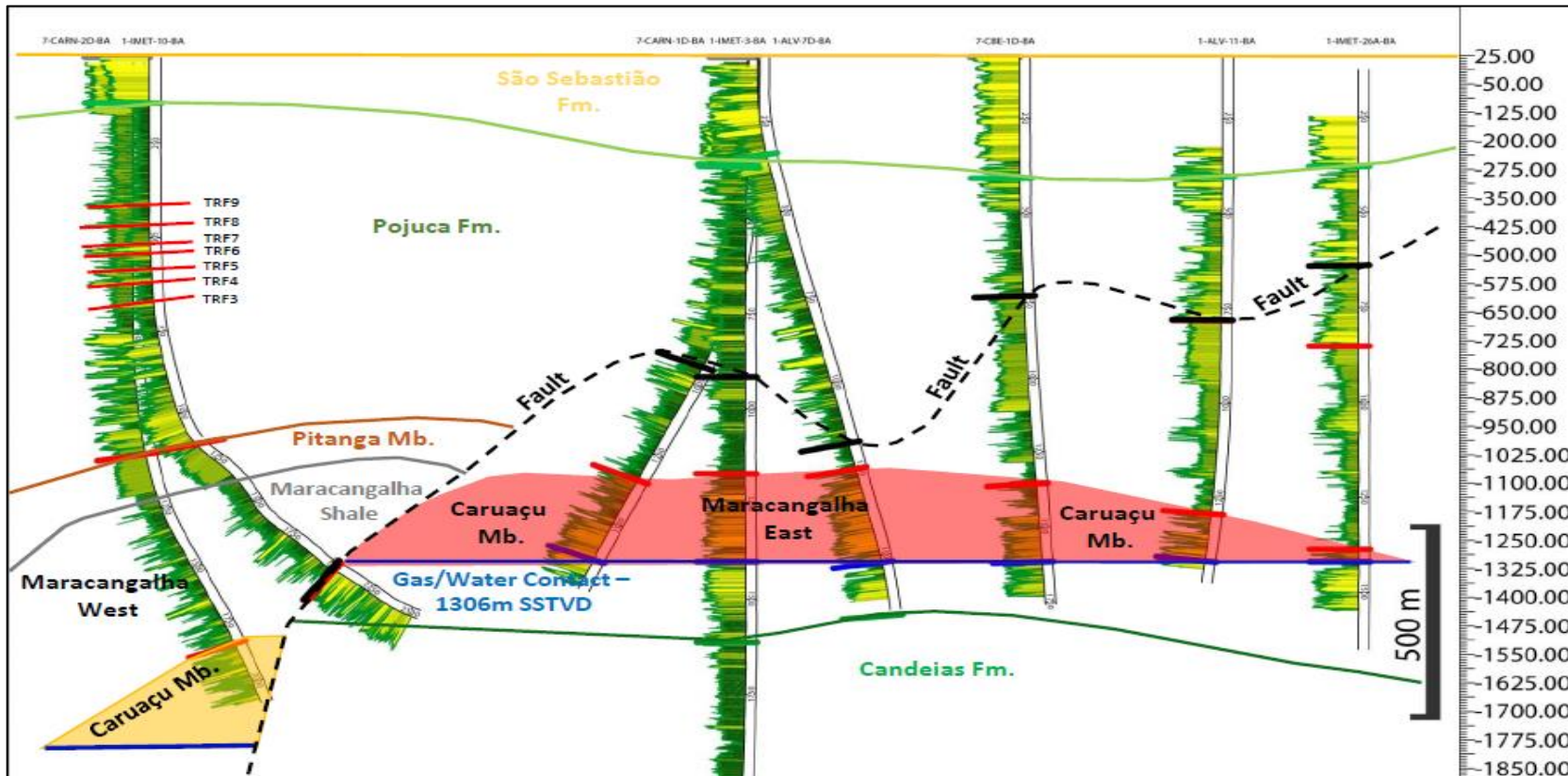
State of Bahia – Reconcavo Basin

- Oldest producing basin in Brazil: 23.9 Mbopd + 2.2 e6m3/d (77 MMcf/d)
- Brazil's 4th largest city Salvador (pop 2.9 million)
- Well developed industrialized region
- Majority of natural gas consumed in Camacari industrial complex
- Highly strategic infrastructure



Caburé – Asset Overview – 56.2% ALV⁽¹²⁾

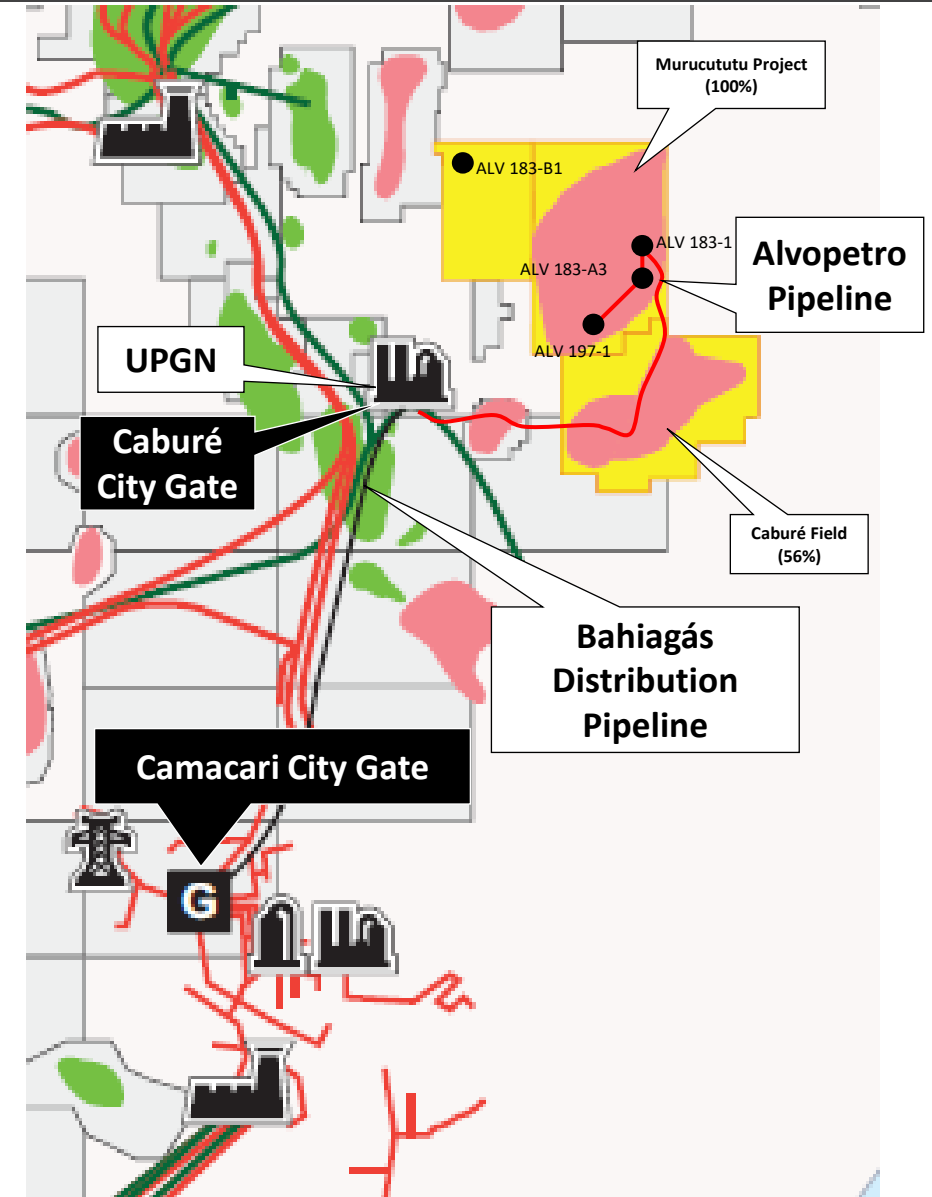
- The Caburé field is a joint development of a conventional natural gas discovery
- Unitized area development - 8 wells and all production facilities
- Gross Unit production capacity up 33% to 21.2 MMcfd (600 e3m3)
- 2024/25 development plan includes compression & 5 development wells



Virtual Field Tour: <https://www.youtube.com/watch?v=p1AvDNX0YXk&t=16s>

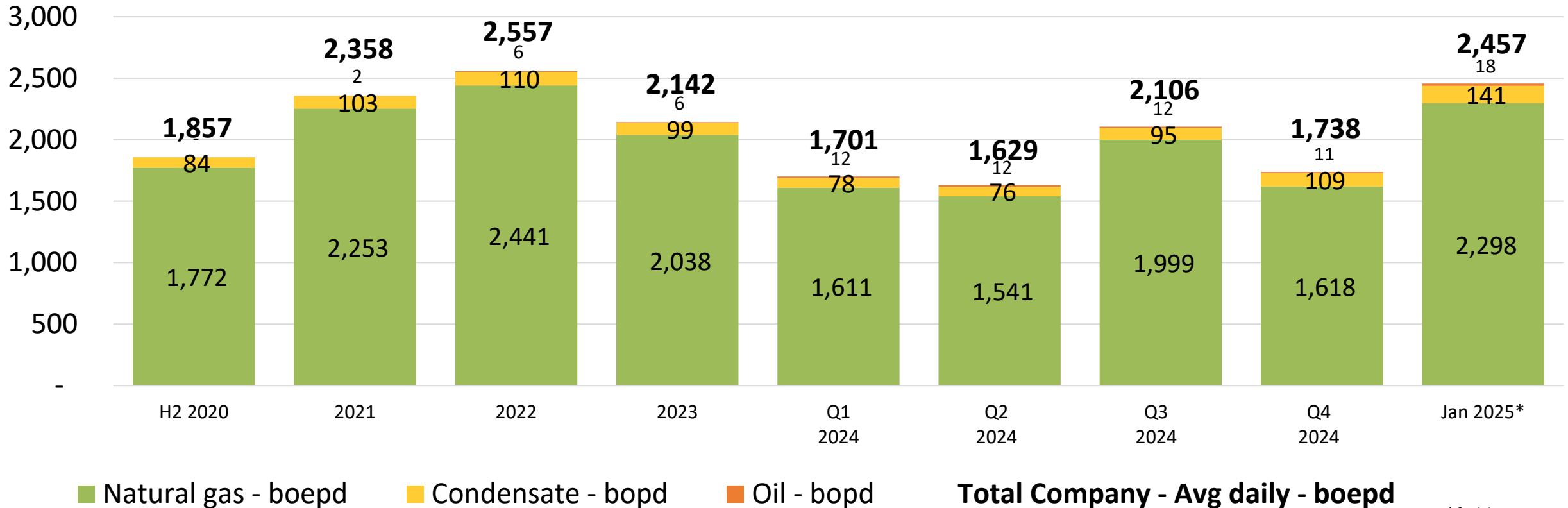
Midstream - Infrastructure & Marketing (100% ALV)

- 11-km transfer pipeline & Gas Plant (UPGN) with 18+ MMcfpd capacity
- Bahiagás 15-km Distribution pipeline & 70 MMcfpd citygate at our plant site
- Updated GSA effective January 1, 2025, increasing firm sales volumes by 33%
- Price set quarterly based on Brent and Henry Hub benchmark prices
- Natural gas price BRL1.95/m³, US\$10.55/Mcf⁽⁵⁾ – effective February 1, 2025
- Highly strategic legacy asset that positions ALV to unlock our natural gas potential



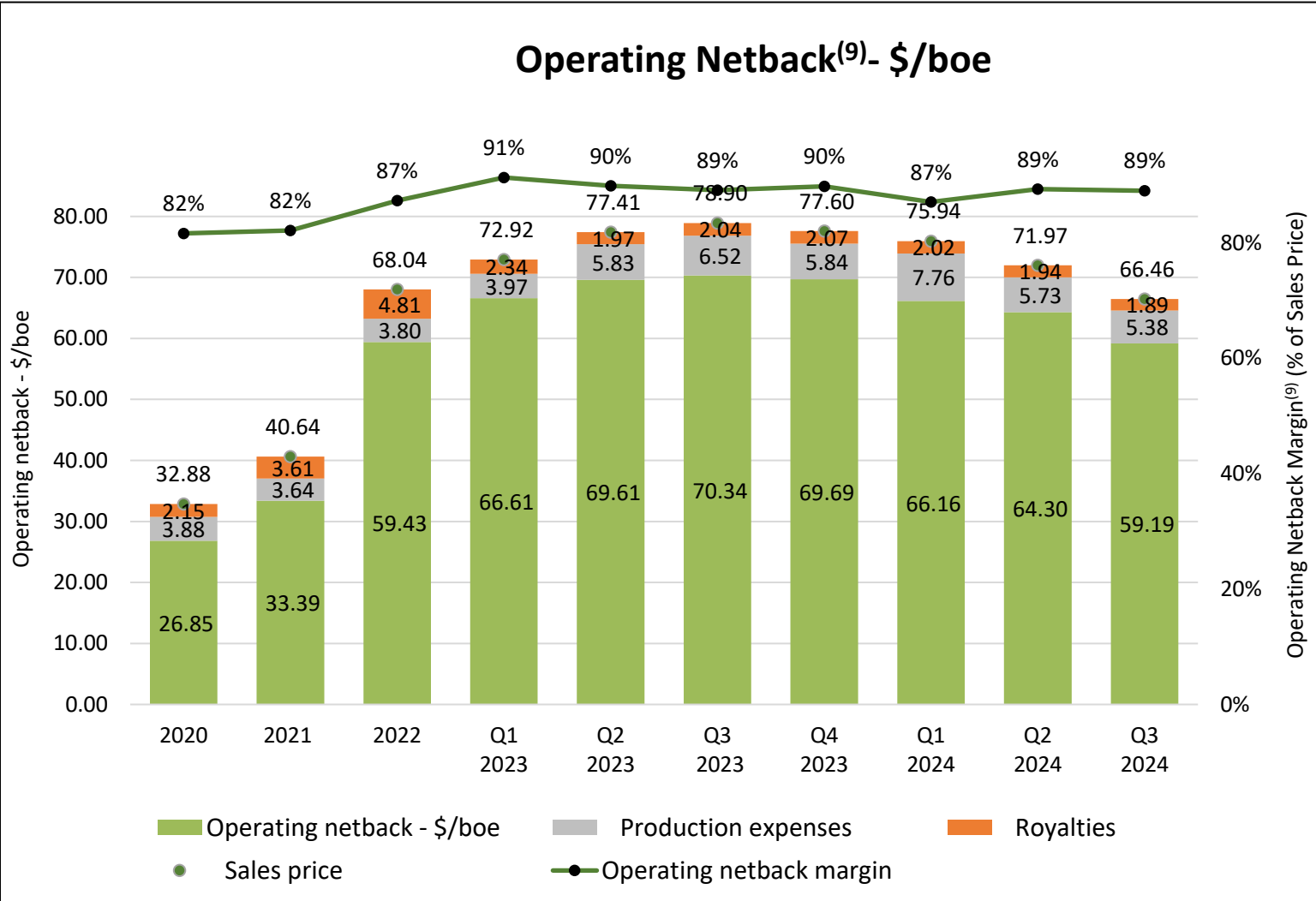
Strong Production Results

Alvopetro - Daily sales volumes (boepd)



*field estimates

Operating Netback



Q3 2024 operating netback margin of 89%
 Operating netback as a % of realized sales price

Q3 2024 realized price of \$66.46/boe
 Including natural gas sales of \$10.92/Mcf

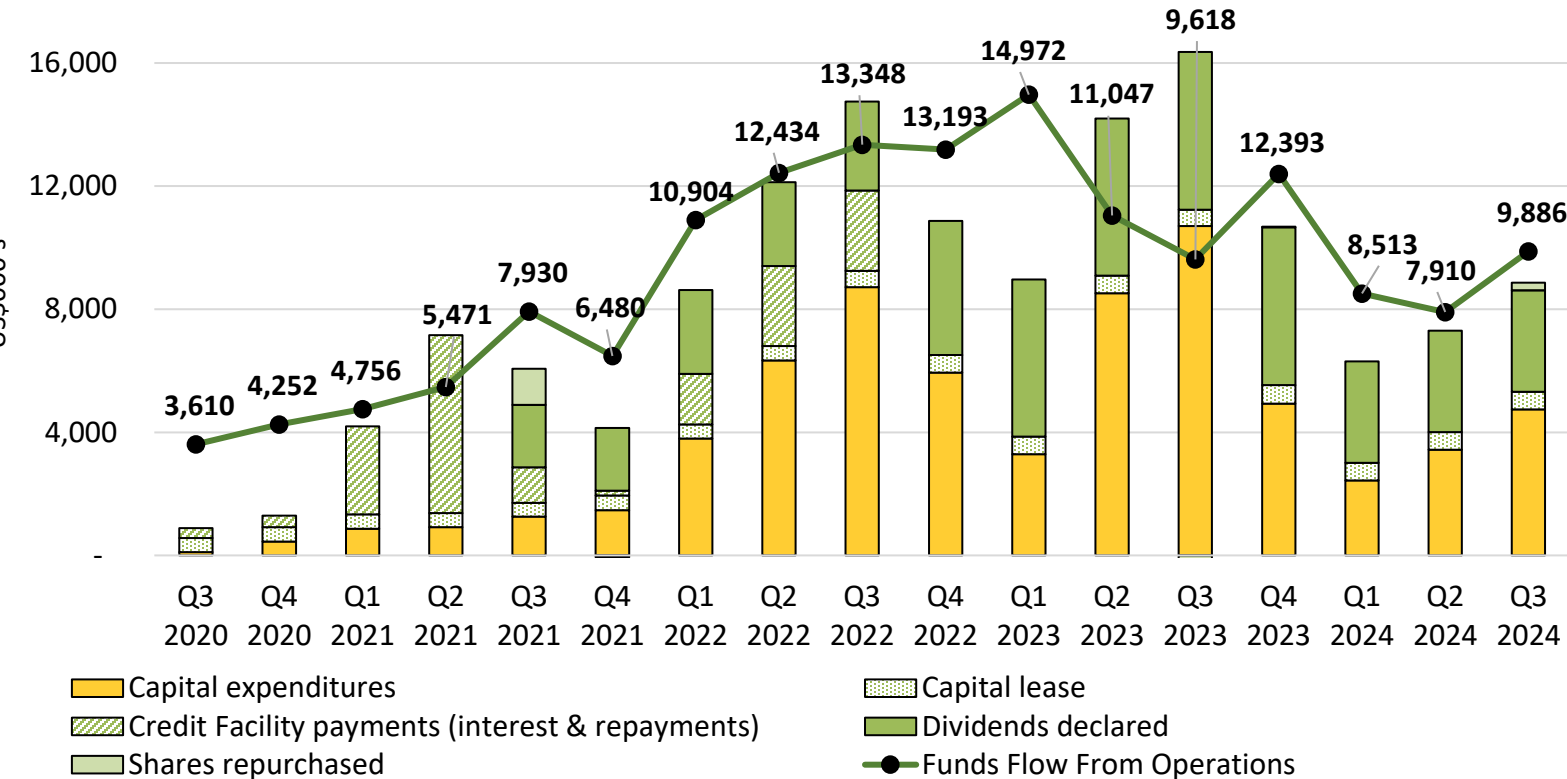
Subtract: Q3 2024 royalties of \$1.89/boe
 Q3 effective royalty rate 2.8% (lower than statutory rates of 5.5% to 11%) as natural gas royalties based on raw/unprocessed natural gas value (closer to Henry Hub)

Subtract: Q3 2024 production expenses of \$5.38/boe

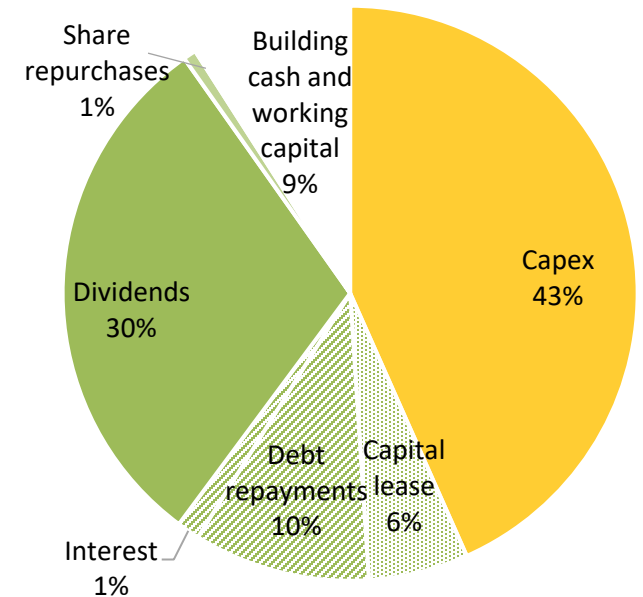
=Q3 2024 operating netback of \$59.19/boe
 Strong Q3 operating netback, a measure of operating profitability per unit of production (boe)

Disciplined Capital Allocation – Balancing Organic Growth & Returns

Funds Flow From Operations⁽⁹⁾ & Capital Allocation



Allocation of Funds Flow from Operations July 2020 to September 30, 2024



Balanced reinvestment and stakeholder returns since July 2020:

- 43% of funds flow from operations dedicated to reinvestment
- 48% returned to stakeholders (dividends, repurchases, debt & interest payments, capital lease)
- 9% dedicated to building financial resources

Brazilian Organic Growth Plan

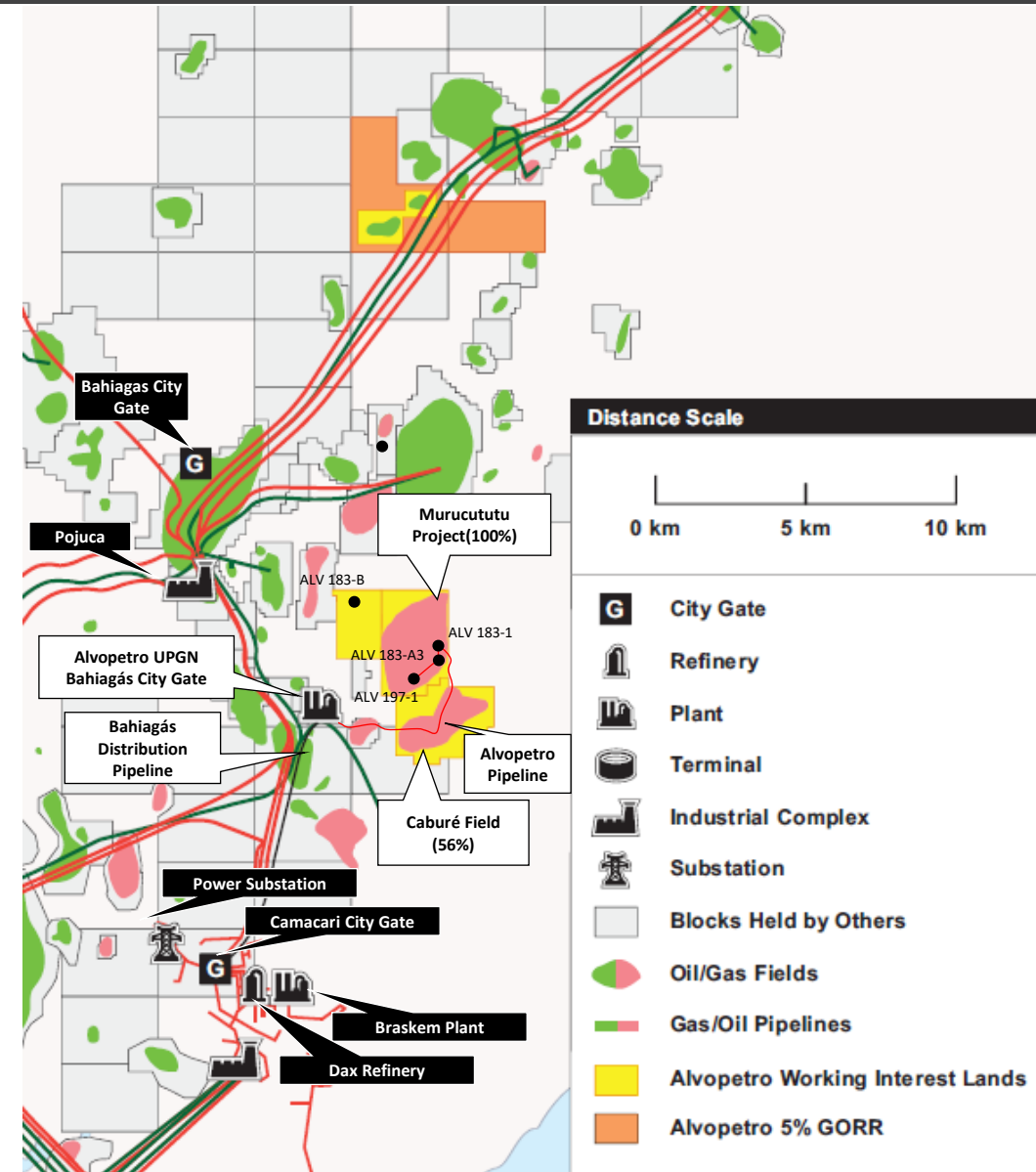
Near-term goal of 18 MMcfepd
Longer-term vision of 35 MMcfepd

Caburé Unit and midstream

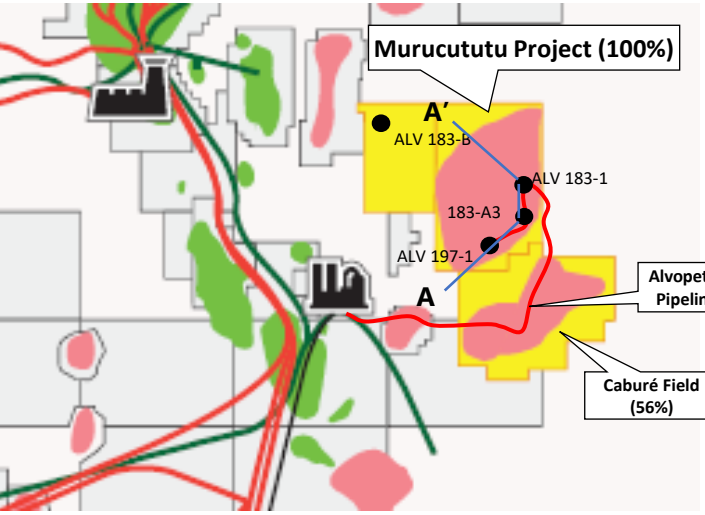
- Gas plant capacity 18+ MMcfpd
- Redetermination - Unit working interest and production entitlement increased from 49.1% to 56.2%⁽¹²⁾
- Further expand Unit capacity with additional development wells and facility expansion

Murucututu (100%)

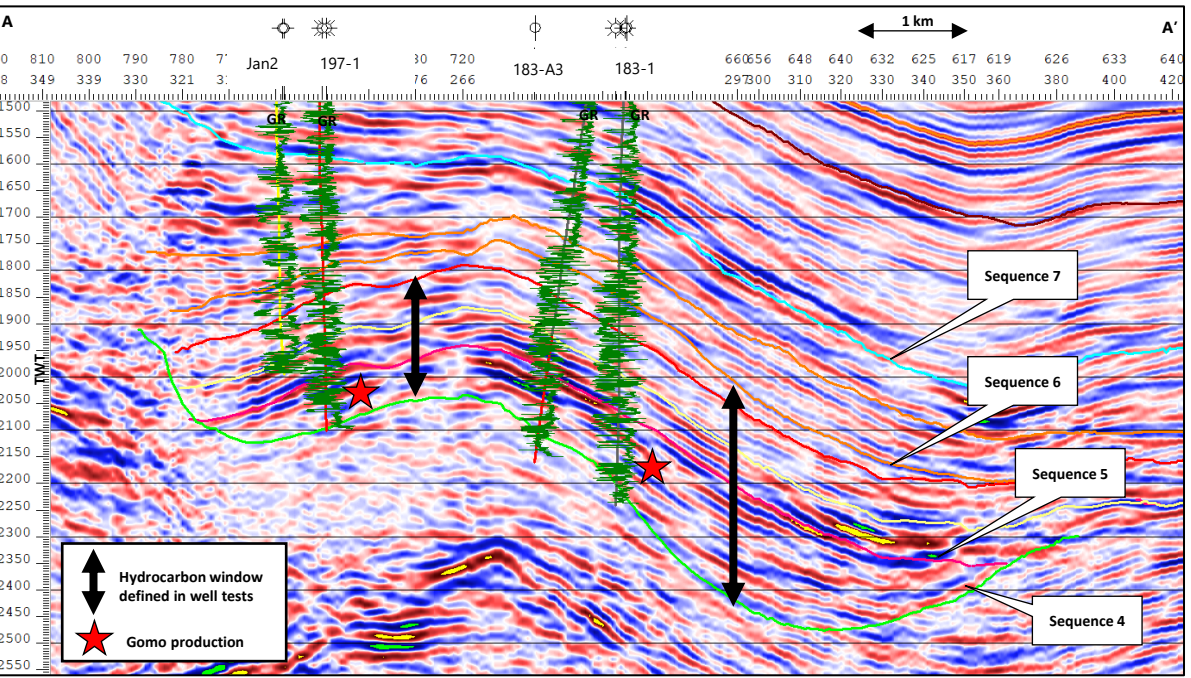
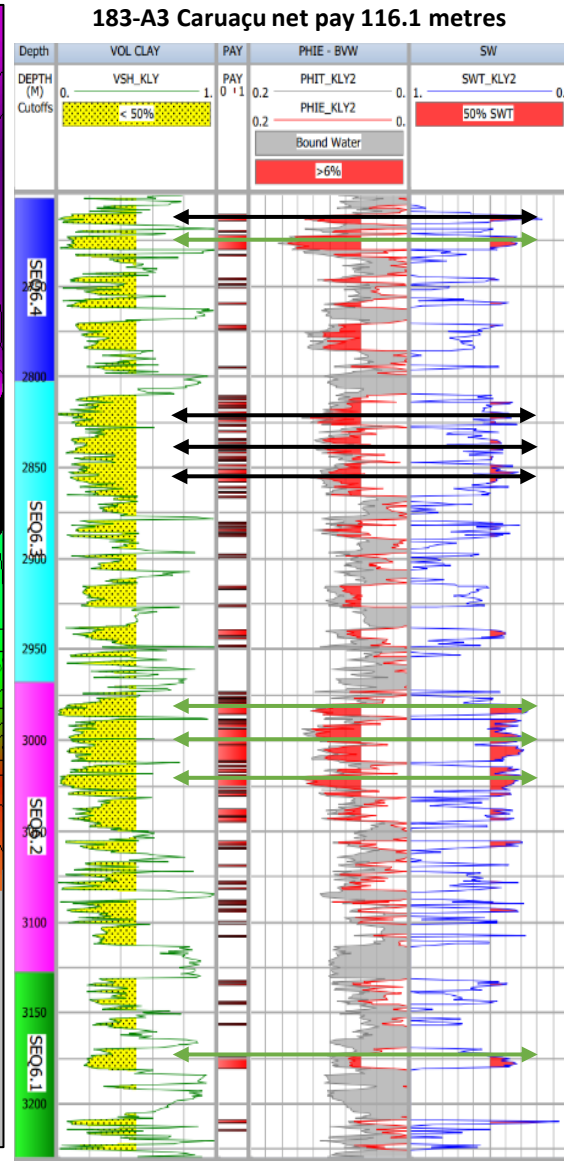
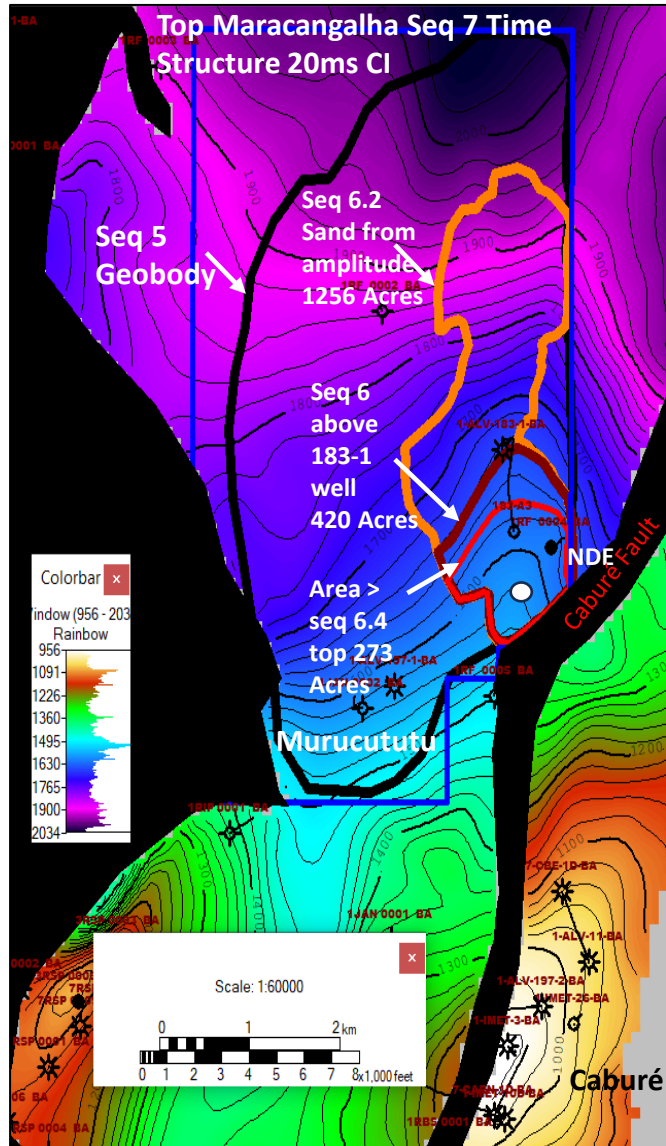
- Field production facilities in-place
- Successful 183-A3 completion
- Multi-year development in Gomo and Caruaçu Formations
- 2P Reserves, Risked Best Estimate Contingent & Risked Best Estimate Prospective Resource of 4.6 MMboe, 4.5 MMboe & 10.2 MMboe, respectively⁽⁴⁾⁽⁷⁾⁽¹⁰⁾



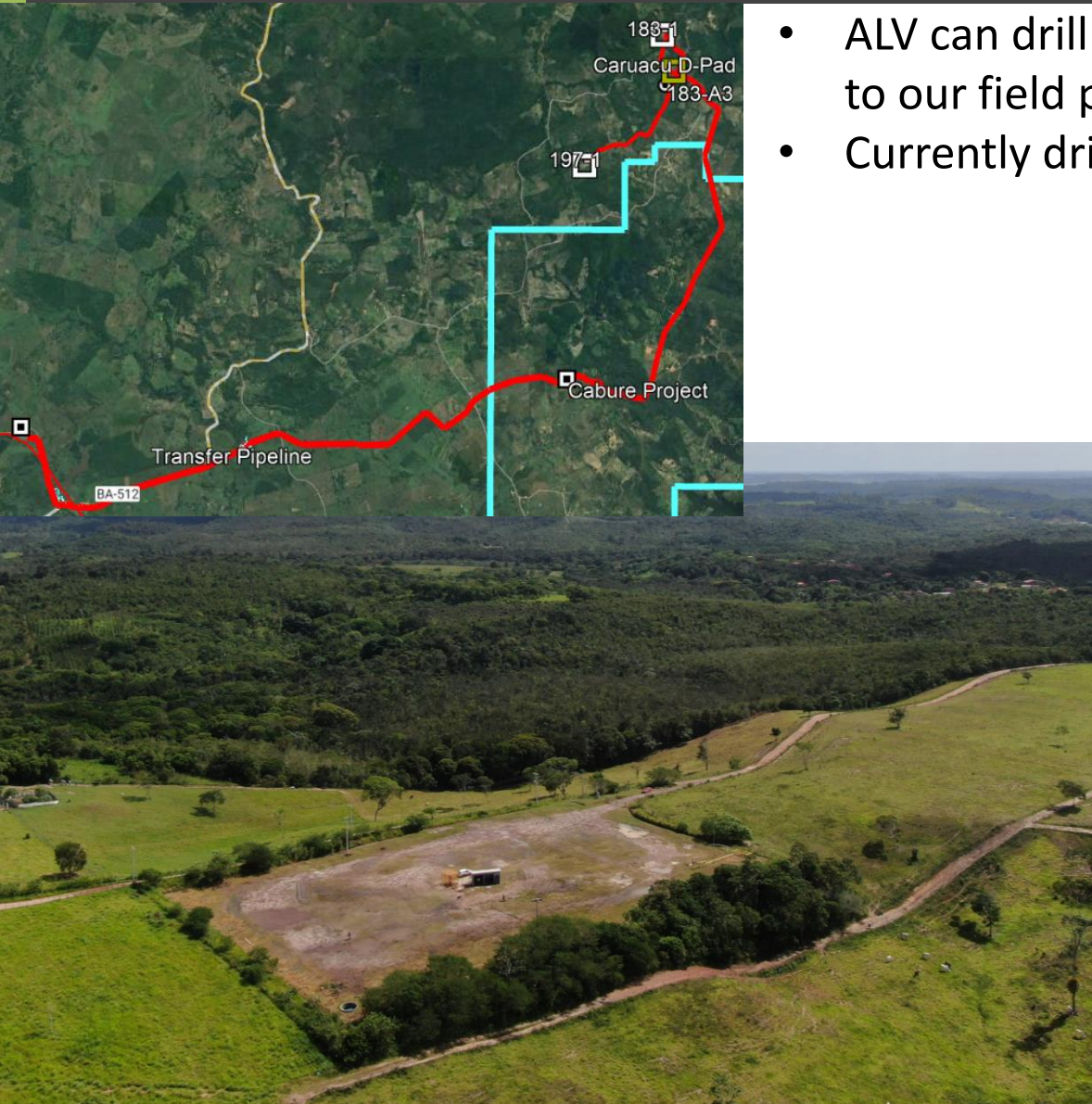
Murucututu Gas – Gomo + Caruaçu Development (100% ALV)



- 5,460-acre deep basin gas resource
- 2P reserves: 4.6 MMboe (27.4 Bcfe), NPV10BT \$134.8 million⁽⁴⁾ including five proved and probable undeveloped locations (183-D4, 183-D1, 183-A2, Mur-2, Mur-3)
- Risked Best Estimate Contingent Resource 4.5 MMboe (27.3 Bcfe), NPV10BT \$110.1 million⁽⁷⁾⁽¹⁰⁾
- Risked Best Estimate Prospective Resource 10.2 MMboe (61.2 Bcfe), NPV10BT \$208.9 million⁽⁷⁾⁽¹⁰⁾
- Q4 2024 production from Murucututu field was 2.2 MMcfpd



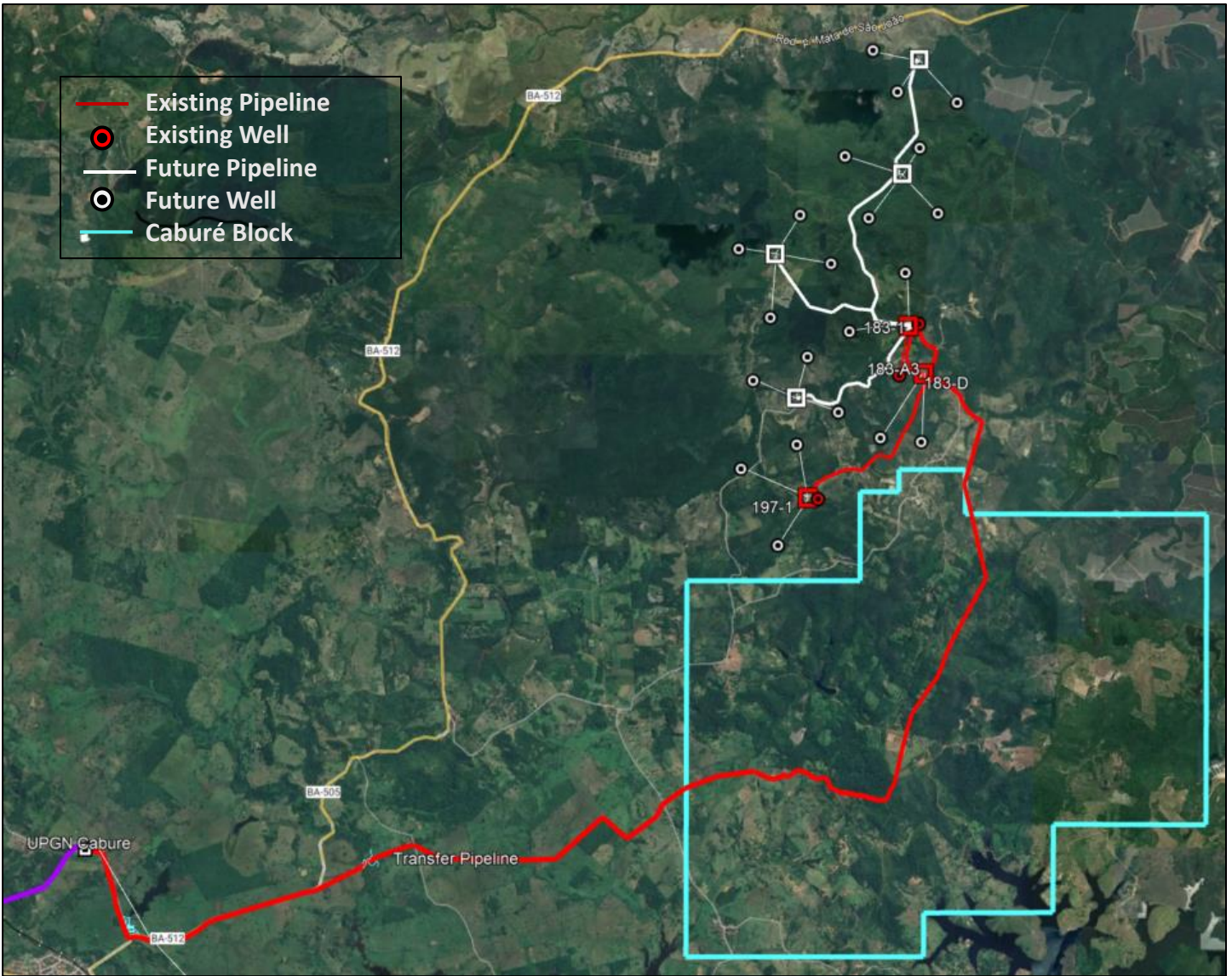
Murucututu – Positioned for Growth



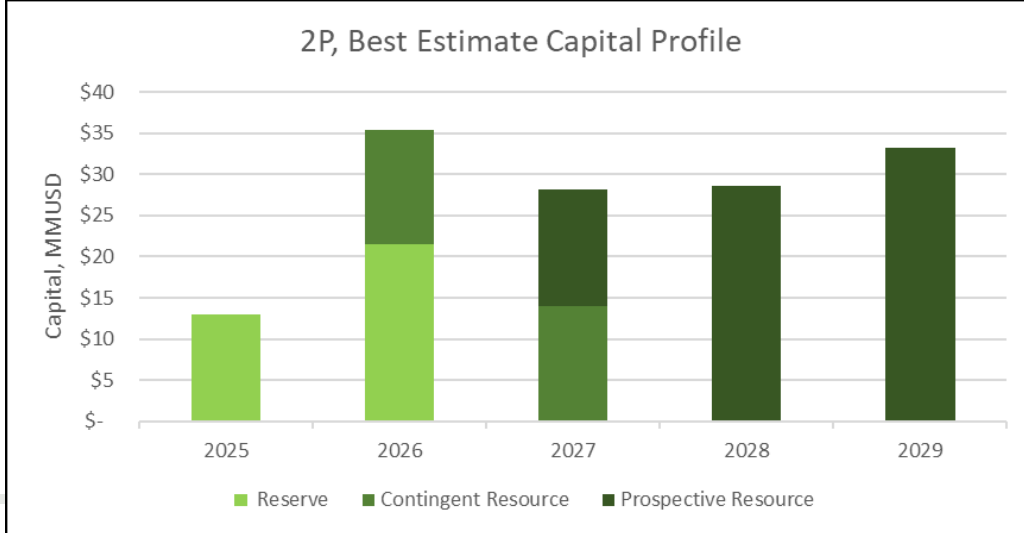
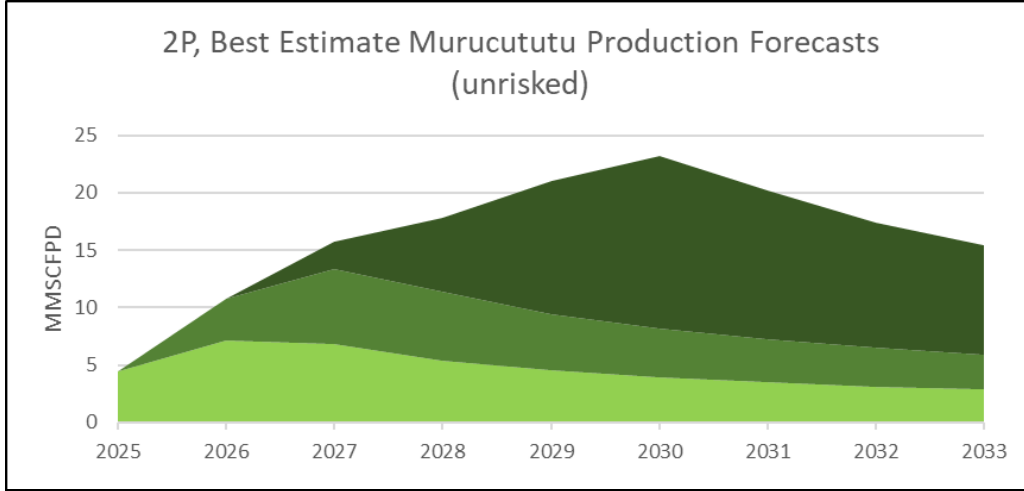
- ALV can drill 6+ development wells from 3 existing well pads all connected to our field production facility at 183-1 that delivers gas to ALV UPGN
- Currently drilling 183-D4 well a follow-up well to A3 110m updip



Murucututu Multi-Year Development Plan



- 2P Reserves: 3 existing wells + 5 undeveloped locations (183-D4, 183-D1, 183-A2, Mur-2, Mur-3)
- Contingent Resource (best est): 4 development wells
- Prospective Resource (best est): 12 additional wells



Why Invest?





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OTCQX: ALVOF

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[AlvoPetro Energy](https://www.youtube.com/AlvoPetroEnergy)

Cautionary Statements

- **Forward Looking Statements.** This presentation contains forward-looking statements including forecasted future earnings and sales volumes, forecasted natural gas prices under the Company's long-term gas sales agreement, the anticipated timing of projects, future exploration and development plans (including the timing and associated spending of such), the Company's dividend policy and plans for dividends and other returns to stakeholders in the future, and results from future operations. These statements are based on current assumptions and judgments that involve numerous risks and uncertainties, which may cause actual results to differ from those anticipated. These risks include, but are not limited to: the timing of regulatory licenses and approvals, equipment availability, the impact of pandemics and other worldwide events, the ability to access capital markets, the risks inherent in the oil and gas industry, operational risks relating to exploration, development and production; potential delays or changes in plans with respect to exploration or development projects or capital expenditures; the uncertainty of reserve estimates; the uncertainty of estimates and projections relating to production; the outcomes of future redeterminations; costs and expenses, and health, safety and environmental risks; and fluctuations in foreign currency exchange rates and commodity prices. The declaration, timing, amount and payment of future dividends remain at the discretion of the Board of Directors. As a consequence, actual results may differ materially from those anticipated in the forward-looking statements. Certain of these risks are set out in more detail in our 2023 MD&A and in our 2023 Annual Information Form all of which are available on SEDAR+ and can be accessed at www.sedarplus.ca.
- **Testing and Well Results.** There is no representation by Alvopetro that the data relating to any drilling or test results contained in this presentation is necessarily indicative of long-term performance or ultimate recovery. The reader is cautioned not to unduly rely on such data as such data may not be indicative of future performance of the well or of expected production or operational results for Alvopetro in the future. Data included herein including net pay and porosities should be considered to be preliminary until further testing, pressure transient analysis and other detailed analysis and interpretation has been completed.
- **Non-GAAP and Other Financial Measures.** This presentation contains financial terms that are not considered measures under International Financial Reporting Standards ("IFRS"), such as average realized natural gas price (\$/Mcf), average realized NGL – condensate price (\$/bbl), average realized oil price (\$/bbl), averaged realize price (\$/boe), funds flow from operations, funds flow from operations per share, operating netback, operating netback per boe, operating netback margin, working capital and working capital net of debt. For further information and reconciliation to these GAAP measures, see "Non-GAAP and Other Financial Measures" in our most recent MD&A. Operating netback margin is computed as operating netback per boe divided by average realized sales price per boe. This presentation also refers to funds flow per boe. Funds flow per boe is computed as funds flow from operations divided by total sales volumes (barrels of oil equivalent). The non-GAAP and other financial measures within this presentation may not be comparable to those reported by other companies nor should they be viewed as an alternative to measures of financial performance calculated in accordance with IFRS.
- **Boe disclosure.** The term barrels of oil equivalent ("boe") may be misleading, particularly if used in isolation. A boe conversion ratio of six thousand cubic feet per barrel (6Mcf/bbl) of natural gas to barrels of oil equivalence is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. All boe conversions in this news release are derived from converting gas to oil in the ratio mix of six thousand cubic feet of gas to one barrel of oil.
- **Currency.** All amounts within this presentation are in U.S. dollars, unless otherwise noted.

Cautionary Statements

- **Net Present Value and Reserves Disclosed.** The net present value of future net revenue attributable to Alvopetro's reserves is stated without provision for interest costs and general and administrative costs, but after providing for estimated royalties, production costs, development costs, other income, future capital expenditures, well abandonment and reclamation costs for only those wells assigned reserves and material dedicated gathering systems and facilities for only those wells assigned reserves by GLJ Ltd. ("GLJ") respectively. The GLJ evaluation was dated February 26, 2025, with an effective date of December 31, 2024 (the "GLJ Report"). Full disclosure with respect to the Alvopetro's reserves as at December 31, 2024 will be included in the annual information form for the year-ended December 31, 2024 which will be filed on SEDAR+ (www.sedarplus.ca) on or before April 30, 2025. It should not be assumed that the undiscounted or discounted net present value of future net revenue attributable to the Alvopetro's reserves estimated by GLJ represent the fair market value of those reserves. Actual reserves may be greater than or less than the estimates provided herein. Possible reserves are those additional reserves that are less certain to be recovered than probable reserves. There is a 10% probability that the quantities actually recovered will equal or exceed the sum of proved plus probable plus possible reserves. The GLJ Report incorporates Alvopetro's working interest share of remaining recoverable reserves as at December 31, 2024. With respect to the Caburé natural gas field, Alvopetro's working interest was 56.2% as of December 31, 2024 and the net present values disclosed herein are based on this 56.2% working interest. As further discussed in Endnote 12, Alvopetro's partner is disputing the results of the first redetermination which was completed in 2024.
- **Prospective Resources.** This presentation discloses estimates of Alvopetro's prospective resources as evaluated by GLJ with an effective date of December 31, 2024. There is no certainty that any portion of the prospective resources will be discovered and even if discovered, there is no certainty that it will be commercially viable to produce any portion. Estimates of prospective resources involve additional risks over estimates of reserves. The accuracy of any resources estimate is a function of the quality and quantity of available data and of engineering interpretation and judgment. While resources presented herein are considered reasonable, the estimates should be accepted with the understanding that reservoir performance subsequent to the date of the estimate may justify revision, either upward or downward. Prospective resources have both a chance of discovery and a chance of development, which combined represent for any undiscovered accumulation its chance of commerciality. Please refer to the noted news release dated February 26, 2025 for additional information. Supplementary information will be included in the Company's annual information form for the year-ended December 31, 2024 which will be filed on SEDAR+ (www.sedarplus.ca) on or before April 30, 2025.
- **Contingent Resources.** This news release discloses estimates of Alvopetro's contingent resources and the net present value associated with net revenues associated with the production of such contingent resources as evaluated by GLJ with an effective date of December 31, 2024. There is no certainty that it will be commercially viable to produce any portion of such contingent resources and the estimated future net revenues do not necessarily represent the fair market value of such contingent resources. Estimates of contingent resources involve additional risks over estimates of reserves. For additional details with respect to Alvopetro's contingent resources, please refer to our news release dated February 26, 2025. Additional disclosure with respect to the Alvopetro's contingent resources as at December 31, 2024 will be included in the Company's annual information form for the year-ended December 31, 2024 which will be filed on SEDAR+ (www.sedarplus.ca) on or before April 30, 2025.

Endnotes

1. As of February 26, 2025. Average daily trading volume is based on average volumes traded on all Canadian exchanges (TSXV and other Canadian) and on the OTCQX in the six months commencing on August 27, 2024 and ending on February 26, 2025.
2. Enterprise value of \$105.1 million is computed as US\$ market cap of \$121.0 million as of February 26, 2025 adjusted for working capital as of September 30, 2024 of \$15.8 million. US\$ market cap of \$121.0 million is based on C\$ share price (TSXV) and 36,440,596 shares outstanding as of February 26, 2025, converted to US\$ market cap based on February 26, 2025 exchange rate of C\$1.4339/\$1US. Enterprise value to annualized funds flow from operations is based on the enterprise value as of February 26, 2025 divided by annualized funds flow from operations based on the funds flow from operations for the three months ended September 30, 2024.
3. Working capital as of September 30, 2024. Funds flow from operations for the three months ended September 30, 2024. See *'Non-GAAP and Other Financial Measures'* in Cautionary Statements.
4. Proved ("1P") reserves, proved plus probable ("2P") reserves, and proved plus probable plus possible ("3P") reserves evaluated by GLJ. On February 26, 2025 Alvo Petro announced 1P, 2P and 3P reserves data as of December 31, 2024. Full disclosure with respect to the Company's December 31, 2024 Reserves will be included in the Company's annual information form for the year-ended December 31, 2024 which will be filed on SEDAR+ (www.sedarplus.ca) on or before April 30, 2025.
5. Effective January 1, 2025 the natural gas price is set quarterly in Brazilian Real/m³ based on Brent oil equivalent prices and Henry Hub natural gas prices. As of February 1, 2025, our natural gas price is BRL1.95/m³. This price will apply to all natural gas sales from February 1, 2025 to April 30, 2025. Realized prices in US\$/Mcf will fluctuate with fluctuations in the BRL/USD exchange rate. Our realized natural gas price, net of sales taxes, is estimated at \$10.37/Mcf as of February 1, 2025 (based on our average heat content to date and the USD/BRL foreign exchange rate on January 31, 2025 of 5.83). See GLJ Ltd.'s most recent price forecast <https://www.gljpc.com/price-forecasts/current-historical-forecasts/>.
6. Working capital is computed as current assets less current liabilities.
7. Contingent and Prospective Resources on Alvo Petro's Murucututu property as evaluated by GLJ with an effective date of December 31, 2024. See Alvo Petro's press release dated February 26, 2025 for further details. Additional disclosure will be included in the Company's annual information form for the year-ended December 31, 2024 which will be filed on SEDAR+ (www.sedarplus.ca) on or before April 30, 2025.
8. For any abbreviations referred to herein, refer to our most recent MD&A or our AIF, both of which are filed on SEDAR+ (www.sedarplus.ca).
9. See *'Non-GAAP and Other Financial Measures'* in Cautionary Statements.
10. See *'Prospective Resources'* and/or *'Contingent Resources'* in Cautionary Statements.
11. See *'Testing and Well Results'* in Cautionary Statements.
12. Alvo Petro's original working interest share of the unitized area (the "Unit") including Alvo Petro's Caburé and Caburé Leste fields and two fields held by a third-party was 49.1%. The working interest is subject to redetermination, the first of which was completed in April 2024. An independent expert (the "Expert") was engaged in connection with the first redetermination to evaluate the redetermination and the impact to each party's working interest. Following the Expert's decision, Alvo Petro's working interest was increased from 49.1% to 56.2%. The effective date of the redetermined working interest is June 1, 2024. For further details on the Expert decision, refer to Alvo Petro's press release dated April 5, 2024 and to the Material Change Report dated April 12, 2024. Alvo Petro's partner is disputing the Expert decision; however pursuant to a decision of an emergency arbitrator appointed under the International Chamber of Commerce (as announced by Alvo Petro on May 13, 2024), the decision of the Expert is binding until such time as the matter is reviewed and decided upon by an arbitral tribunal under the Rules of Arbitration of the ICC. The redetermination dispute has proceeded to a full arbitration under the Rules of the ICC, however the timing and outcome of the full arbitration is uncertain and the resulting impact on the reserves and the net present value of future net revenue attributable to such reserves as presented herein may be material. In addition, future redeterminations may also have a material impact on Alvo Petro's reserves and future cash flows.