



Annual General Meeting

June 18, 2025

TSXV: ALV

OTCQX: ALVOF



2024 Year in Review

- Significantly strengthened our business
- Successful Caburé Unit redetermination
- Significantly increased our Murucututu productive capacity +403%
- Contributed to a 65% increase in 1P reserves, & a 5% increase in our 2P reserves
- After 0.7 MMboe of production 1P production replacement ratio of 372%, 2P of 167%
- Before tax 1P NPV10 increased 53% to US\$177.7 million and 2P up 6% to US\$327.8 million
- 2024 sales of 1,794 boepd impacted by lower natural gas demand from Bahiagás
- Amended GSA including a 33% increase in firm natural gas sales volumes starting January 1, 2025
- 41% increase in sales in Q1 2025
- Operating netback averaged US\$60.99/boe, an 88% operating netback margin
- Generated funds flow from operations of US\$33.3 million.
- Natural gas prices increased to US\$11.09/Mcf effective May 1, 2025
- Announced an increase in our quarterly dividend up to US\$0.10 per share starting Q1 2025.
- No debt outstanding in 2024, ended year with a US\$13.2 million net working capital (cash of US\$21.7 million)
- Early 2025 added new growth platform in Western Canada

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

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

At a Glance – Value, Yield, Growth

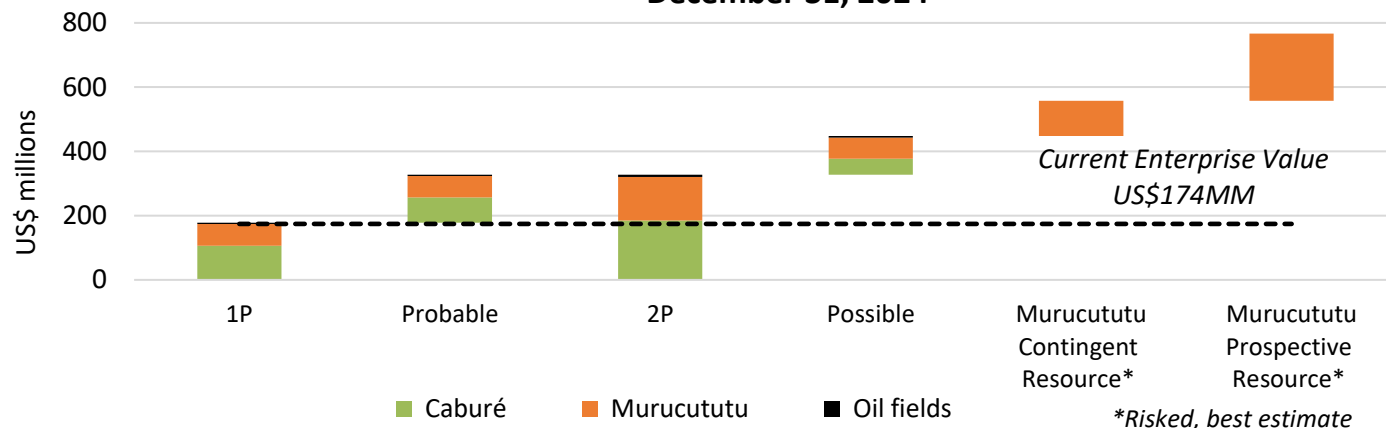
Market Summary

| | |
|---|-----------------------------|
| Shares outstanding ⁽¹⁾ | 36.4 million |
| Average daily trading volume ⁽¹⁾ | 55,079 |
| Insider ownership ⁽¹⁾ | 8.9% |
| Market cap/Enterprise value ⁽²⁾ | \$184 million/\$174 million |

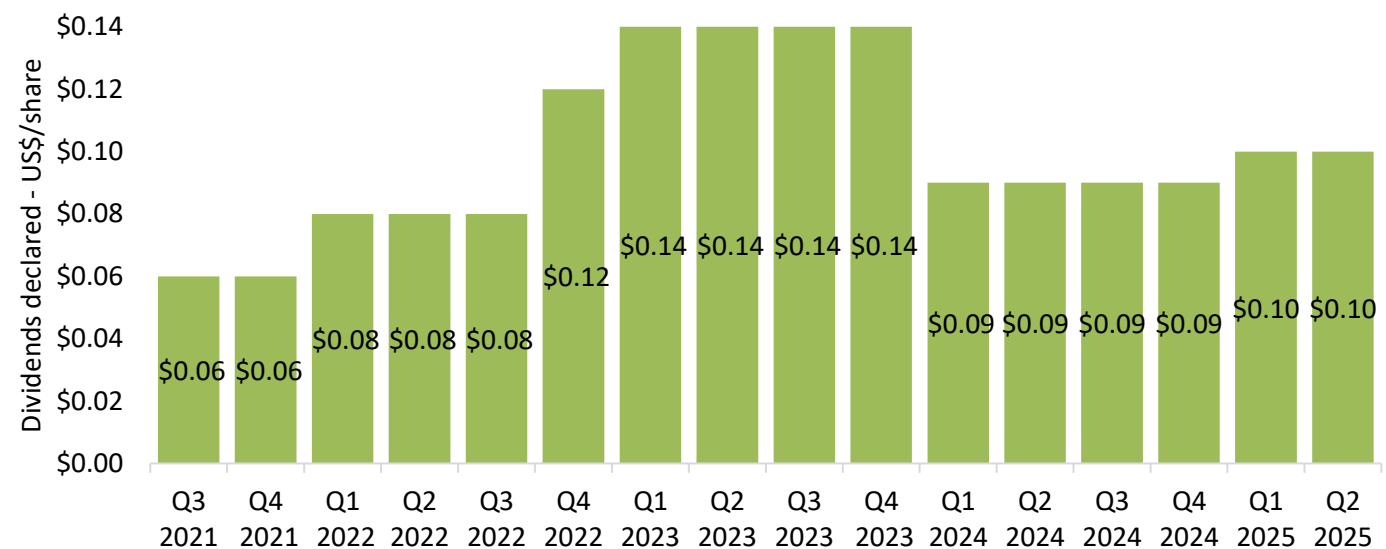
Operating & Financial

| | |
|---|-----------------|
| Production – Q1 2025 | 2,446 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 |
| Q1 funds flow from operations ⁽³⁾⁽⁹⁾ | \$9.2 million |
| Enterprise Value/annualized FFO ⁽⁹⁾ | 4.7 times |
| Working capital ⁽³⁾⁽⁶⁾⁽⁹⁾ | \$9.7 million |
| Quarterly dividend – Q2 2025 | \$0.10/share |

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

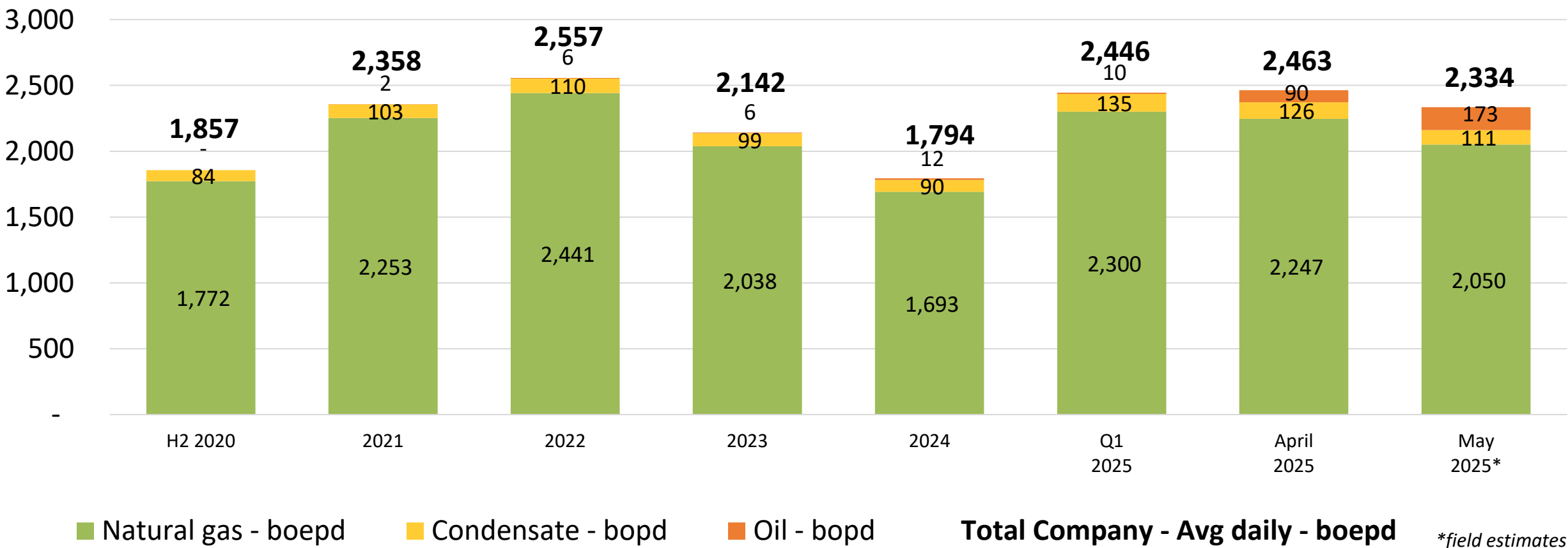


Dividend History (Current Annualized Yield – 7.9%)



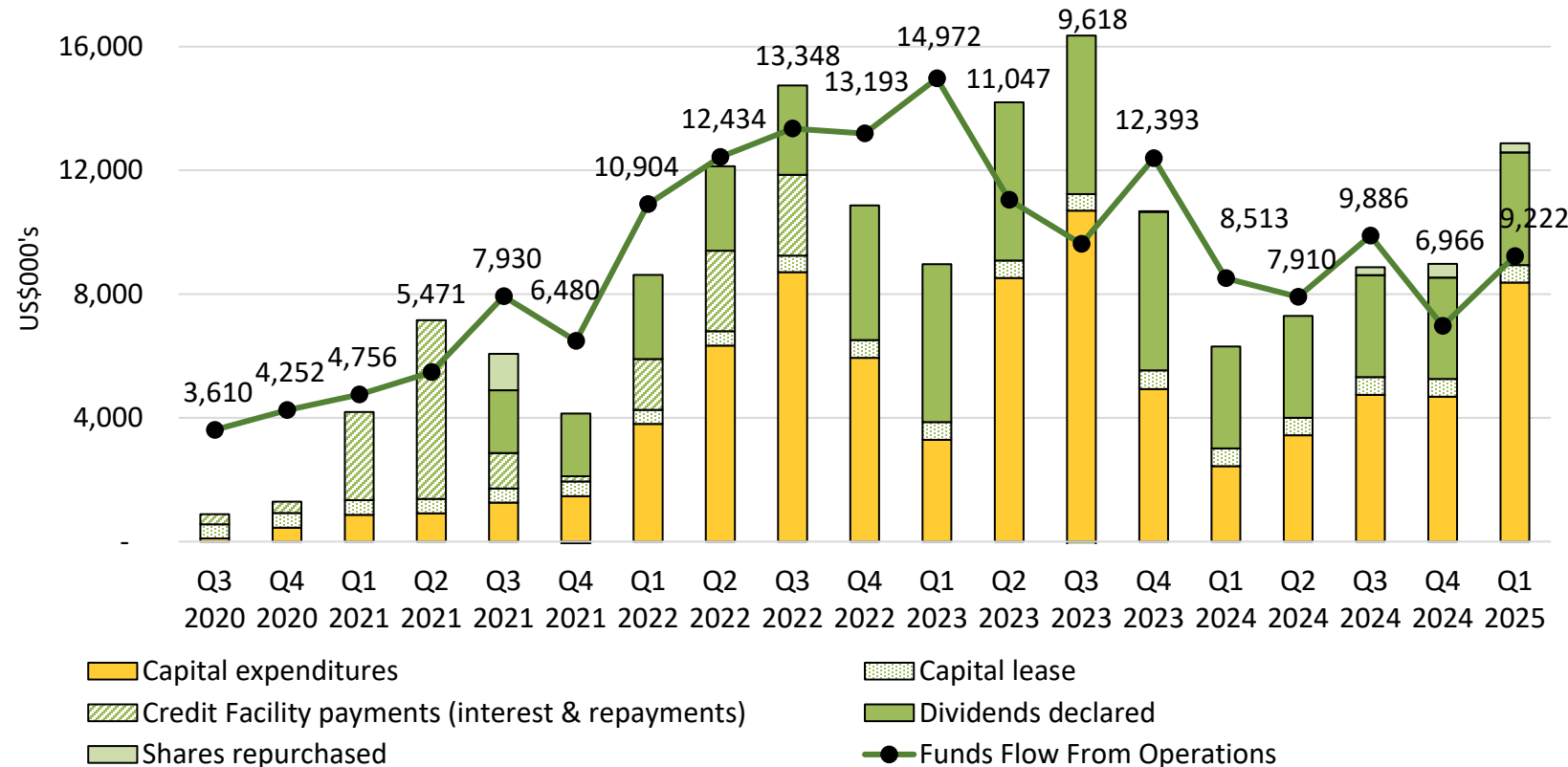
Strong Production Results

Alvopetro - Daily sales volumes (boepd)

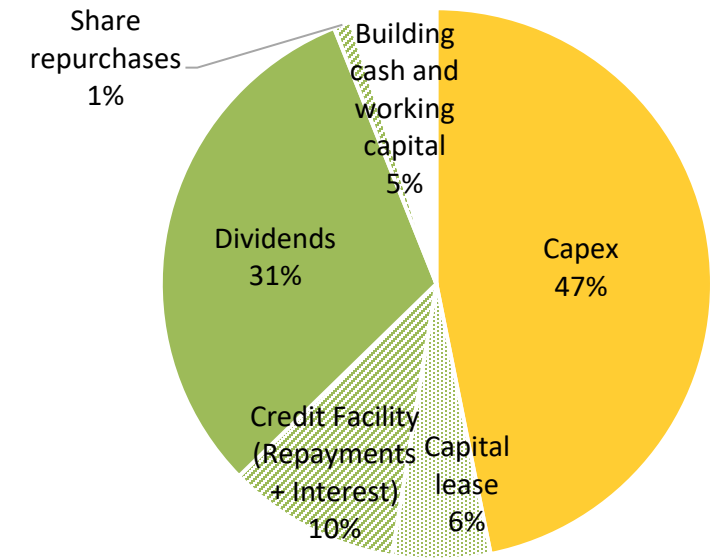


Disciplined Capital Allocation – Balancing Organic Growth & Returns

Funds Flow From Operations⁽⁹⁾ & Capital Allocation



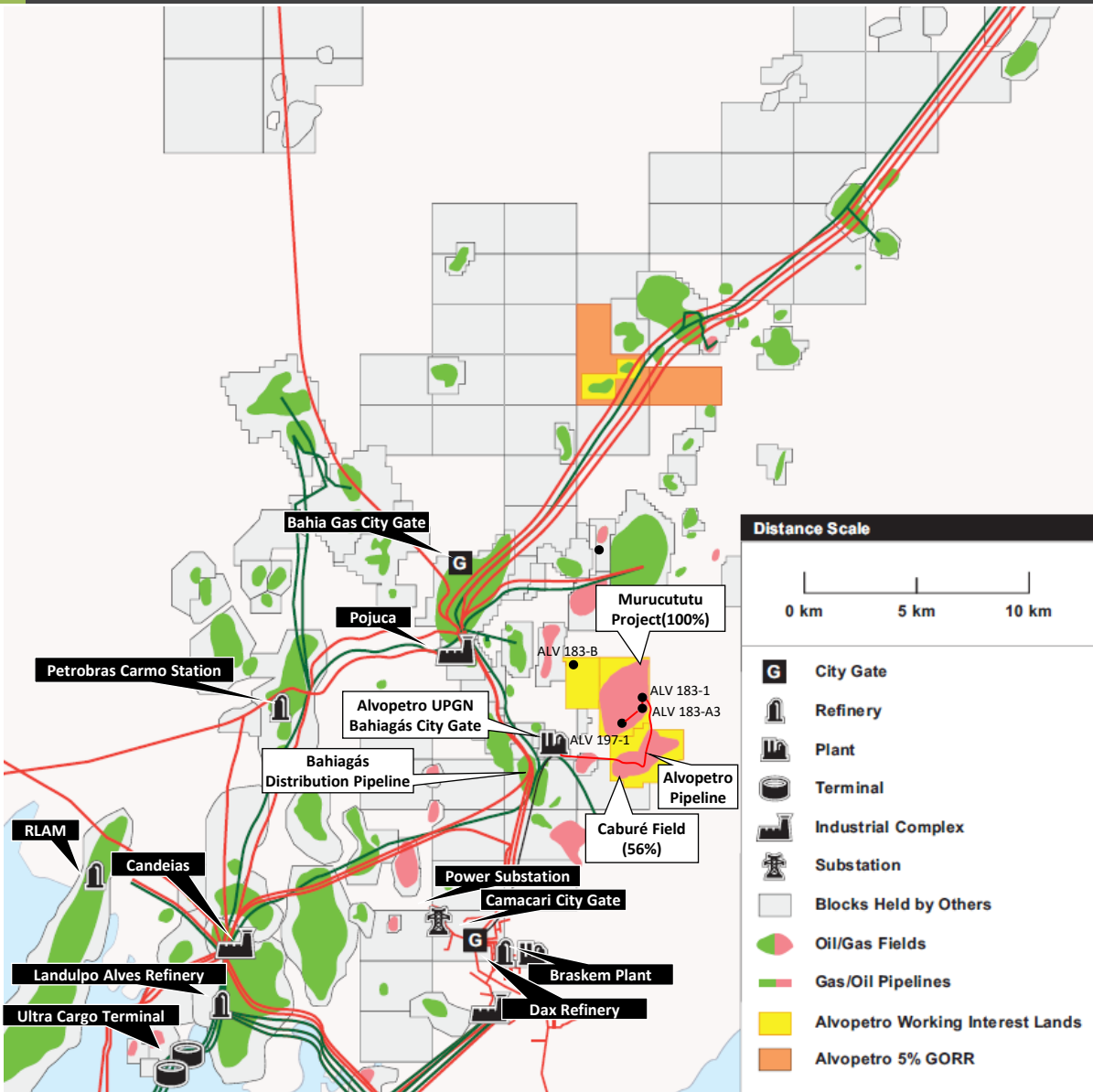
**Allocation of Funds Flow from Operations
July 2020 to March 31, 2025**



Balanced reinvestment and stakeholder returns since July 2020:

- 47% of funds flow from operations dedicated to reinvestment
- 48% returned to stakeholders (dividends, repurchases, debt & interest payments, capital lease)
- 5% dedicated to building financial resources

State of Bahia – Reconcavo Basin

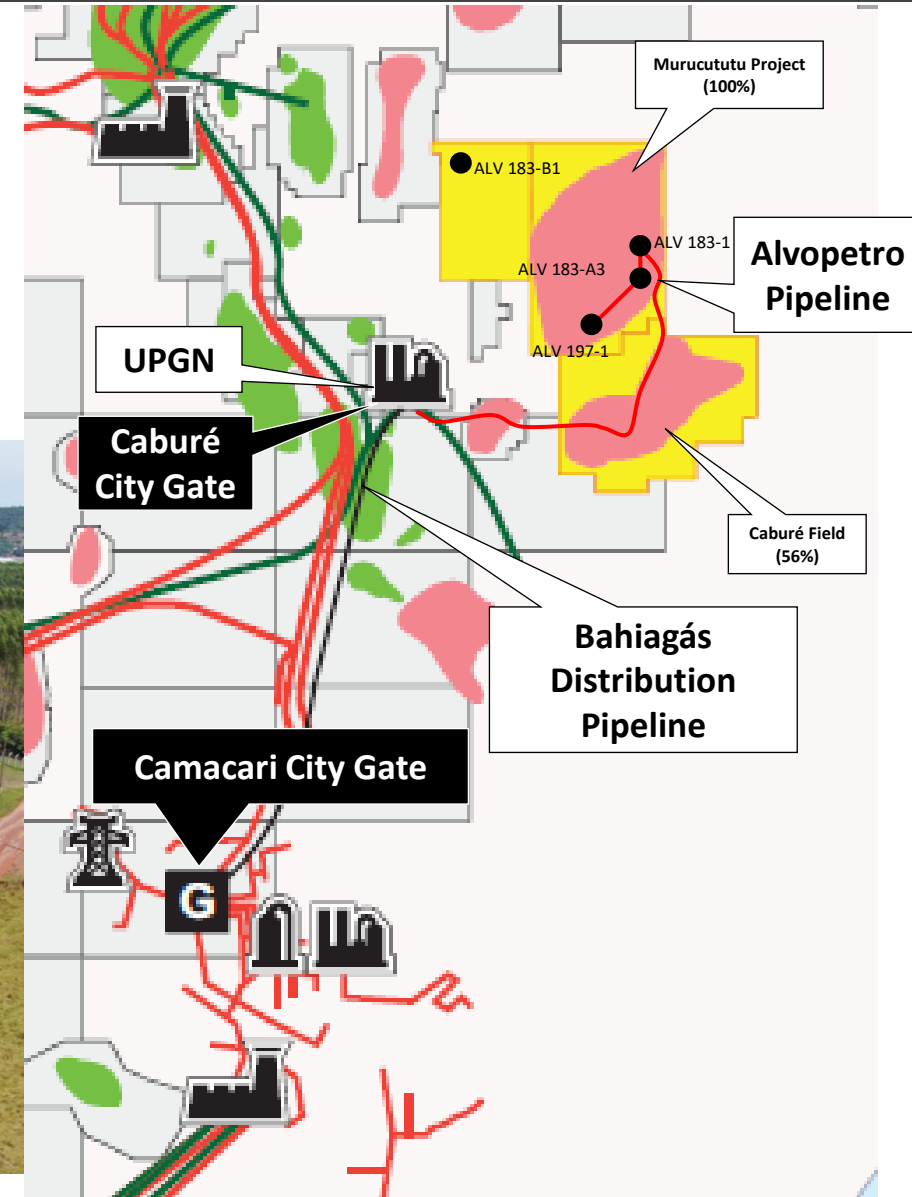


- Oldest producing basin in Brazil: 23.9 Mbopd + 2.2 e⁶m³/d (77 MMcf/d)
- Brazil's 4th largest city Salvador (pop 2.9 million)
- Well developed industrialized region
- Majority of natural gas consumed in Camacari industrial complex
- Highly strategic infrastructure



Midstream - Infrastructure & Marketing (100% ALV)

- 11-km transfer pipeline & Gas Plant (UPGN) with 18+ MMcfd capacity
- Bahiagás 15-km Distribution pipeline & 70 MMcfd 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 BRL2.08/m³, US\$11.09/Mcf⁽⁵⁾ – effective May 1, 2025
- Highly strategic legacy asset that positions ALV to unlock our natural gas potential



Brazilian Organic Growth Plan

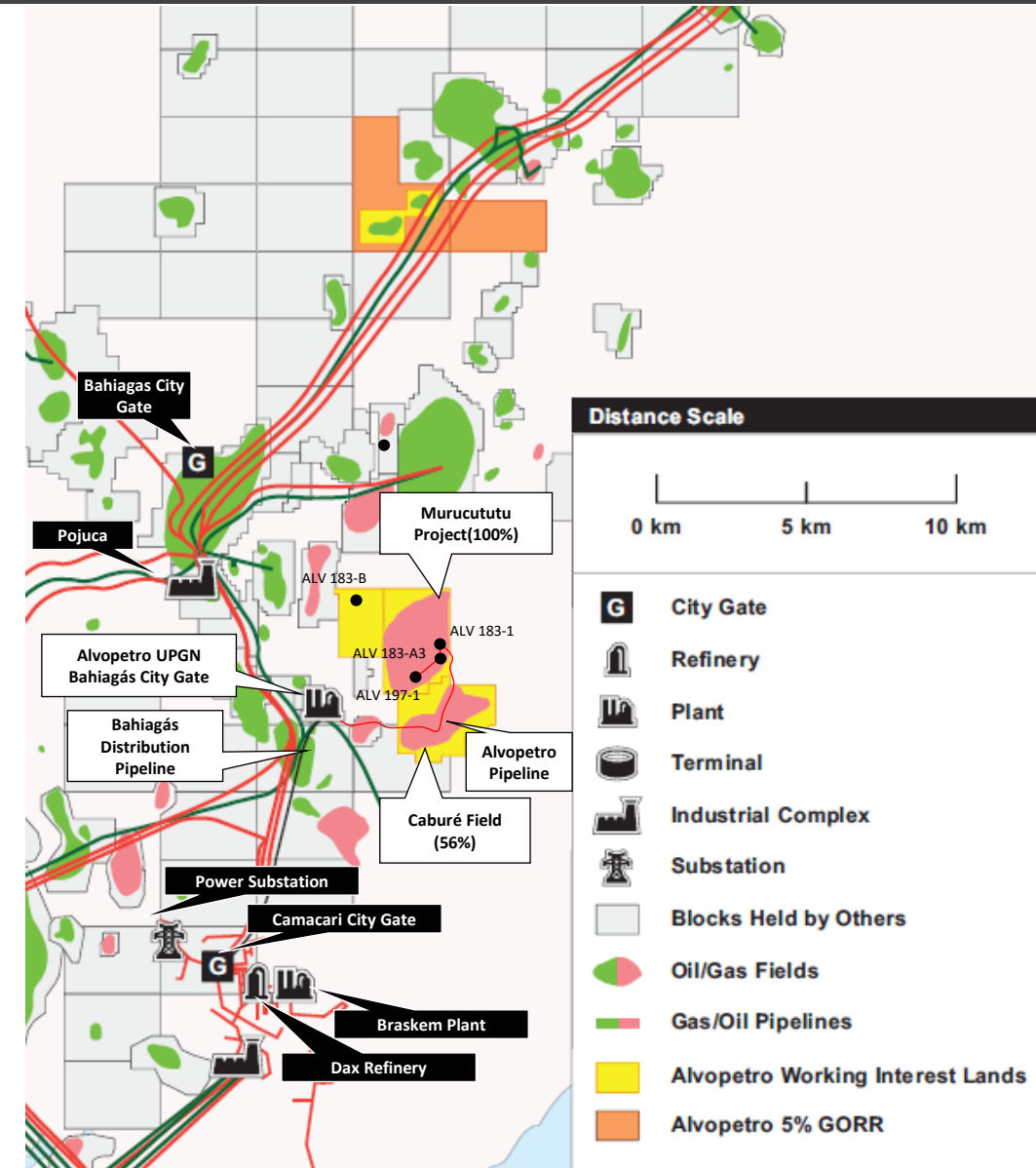
Near-term goal of 18 MMcfepd
Longer-term vision of 35 MMcfepd

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

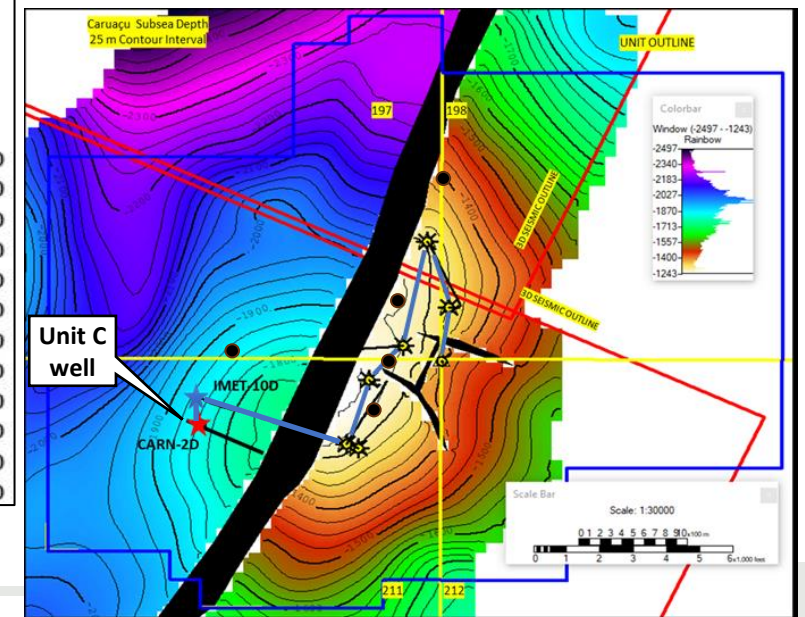
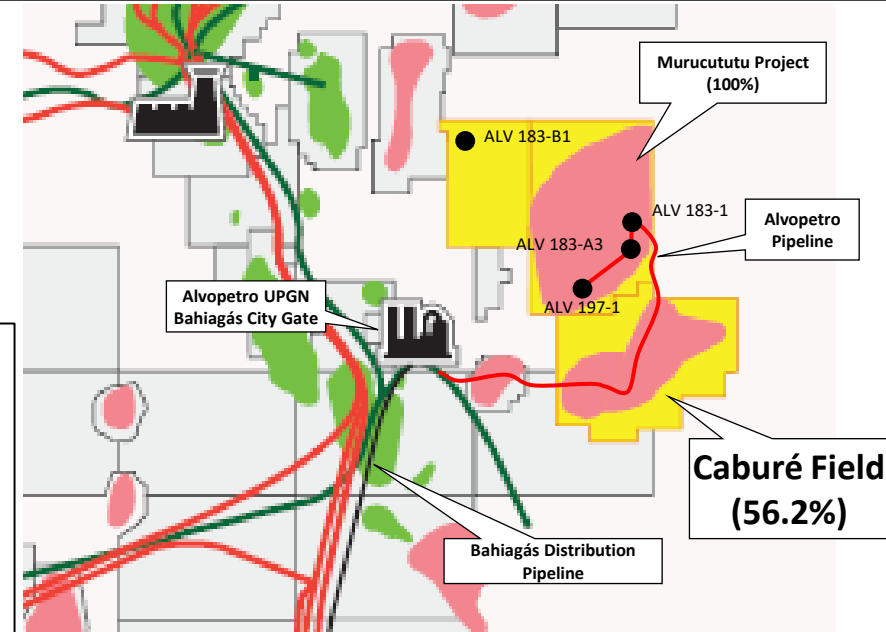
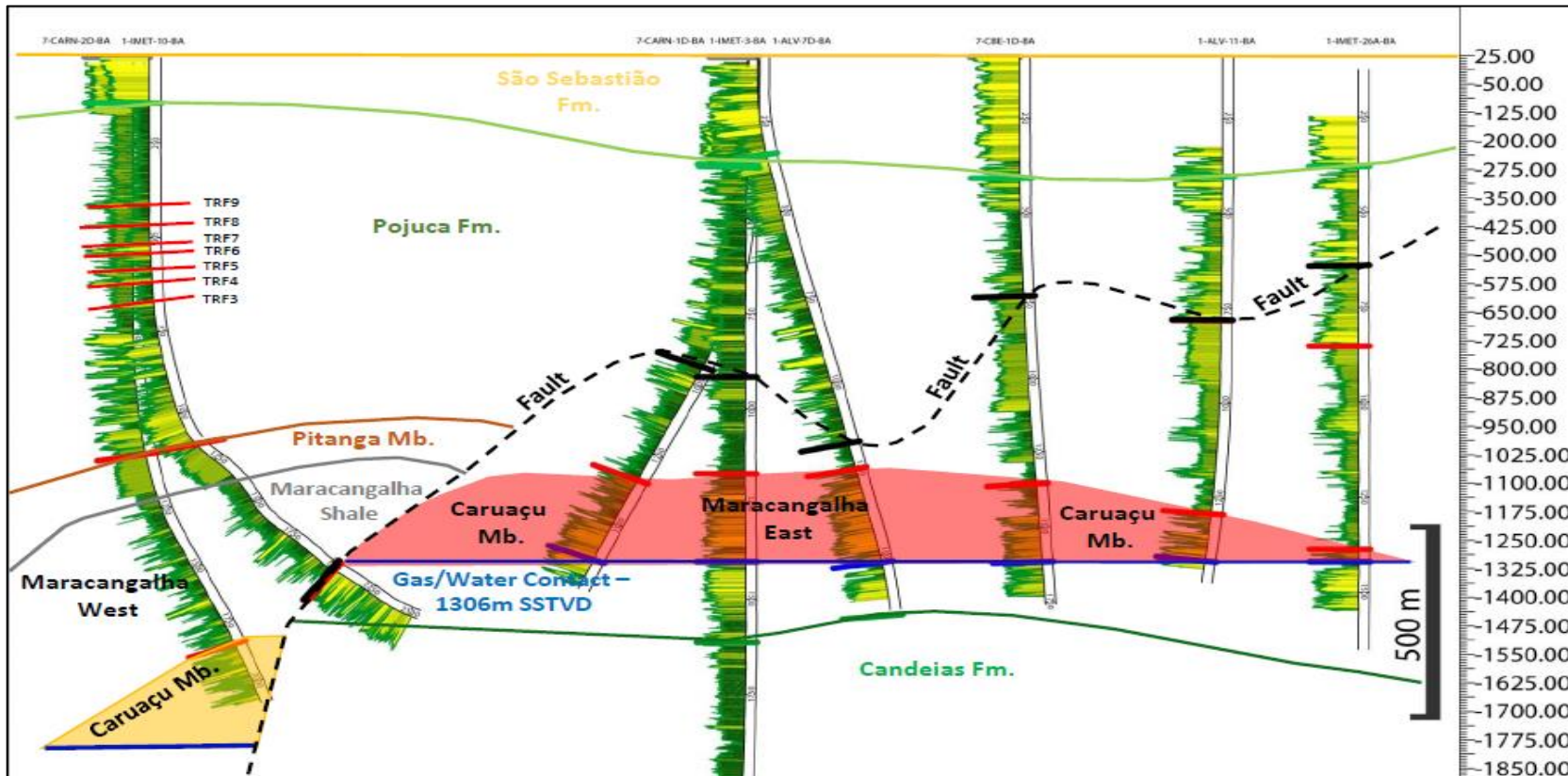
Murucututu (100%)

- Field production facilities in-place
- Successful 183-A3 completion in Q3 2024
- Drilling 183-D4 complete, plan to be on production in Q3
- 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⁾



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/d)
- 2025 development plan includes 5 development wells



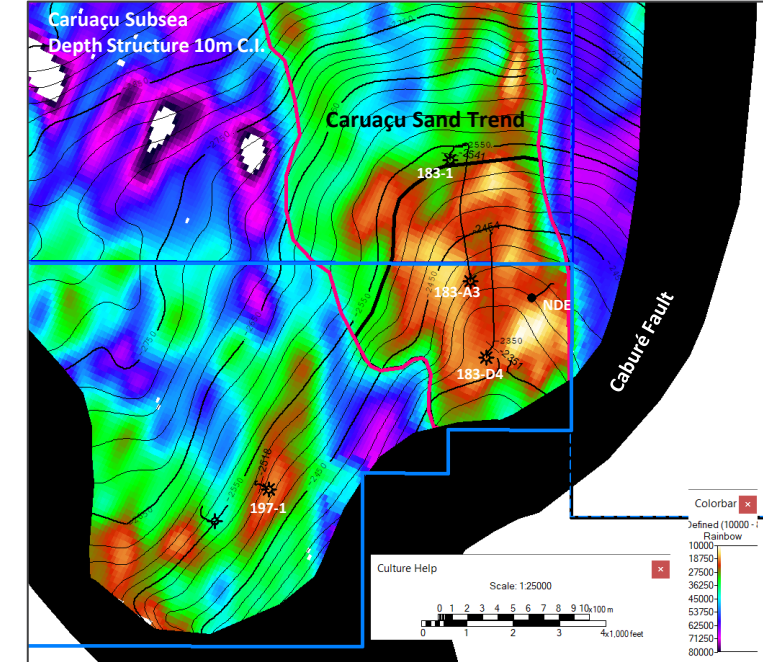
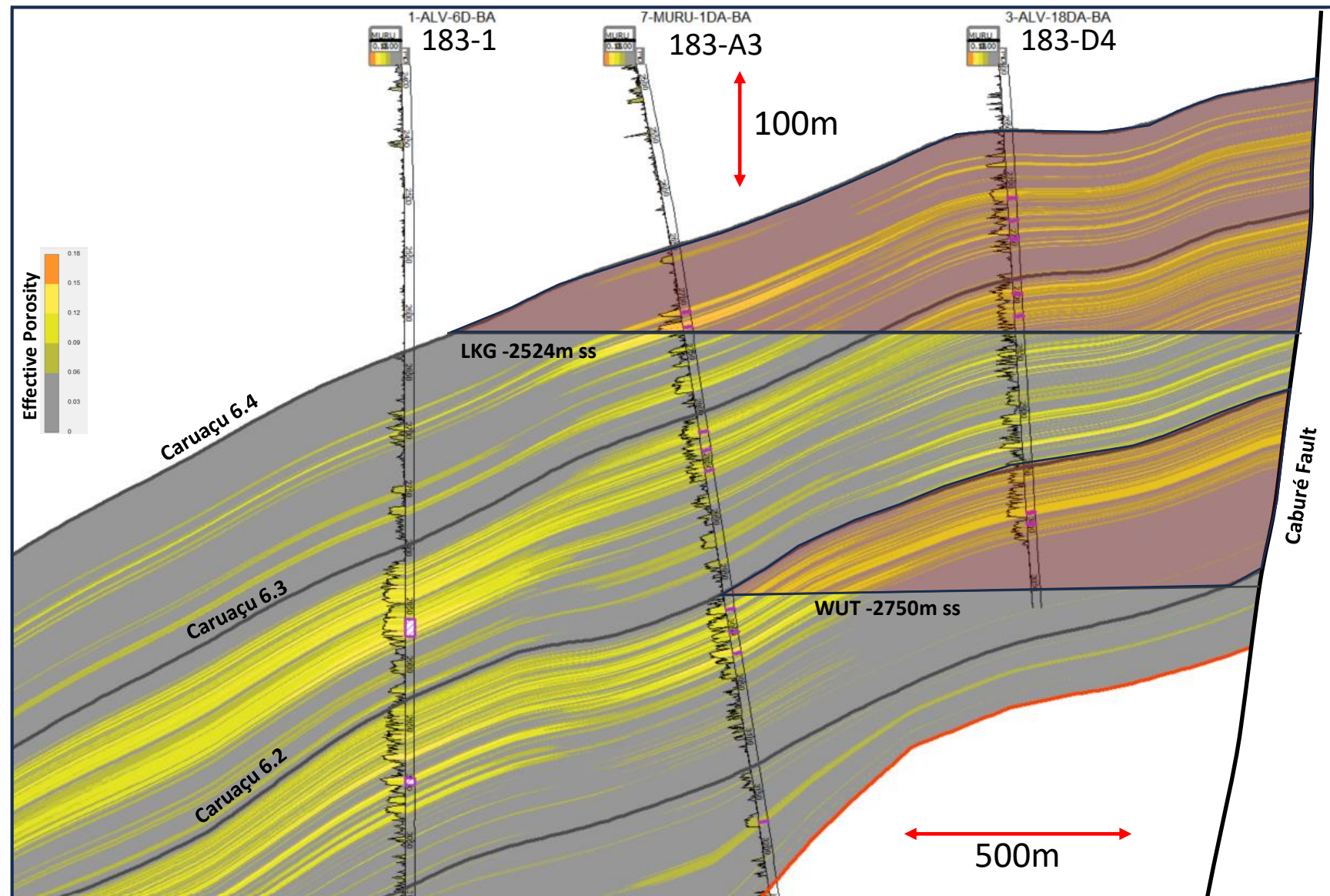
Virtual Field Tour: <https://www.youtube.com/watch?v=p1AvDNX0YXk&t=16s>

Murucututu (100% ALV) - 183-D4 Drilling Results



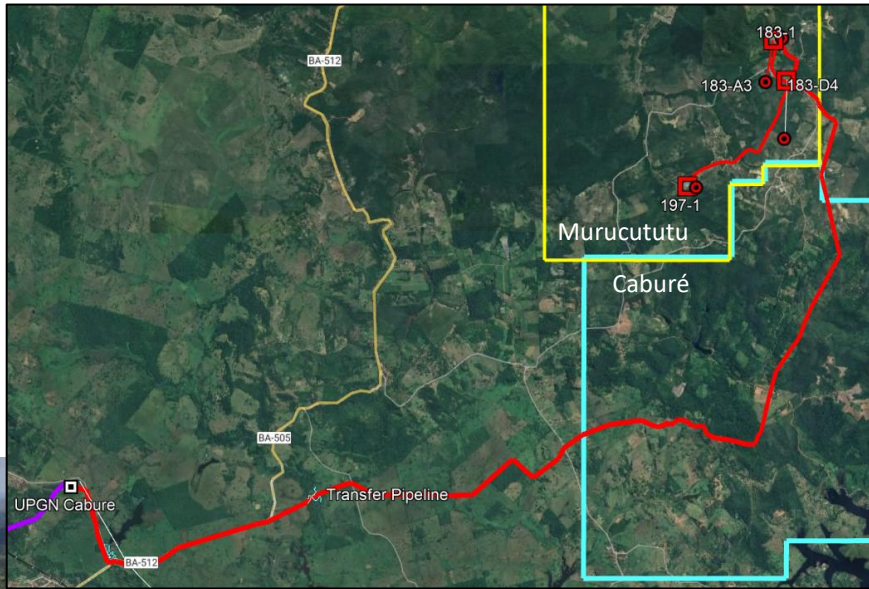
- Based on cased-hole Gamma Ray log and normalized gas while drilling, the 183-D4 well encountered potential natural gas pay in the Caruaçu Member of the Maracangalha Formation, with an aggregate 61 metres total vertical depth ("TVD") of potential natural gas pay between 2,439 and 2,838 metres TVD
- Plan to complete the well in up to 5 intervals and have on production in Q3

Murucututu Cross section and Area Definitions



- Lowest Known Gas (LKG) & Water Up To (WUT) as defined by GLJ. The 183-A3 well was producing water and gas in sequence 6.2, bridge plug set to isolate the 14m of pay in sequence 6.4 currently producing
- 1P reserves assigned to Caruaçu sequence 6.4 in 183-A3
- Sequence 6.2 assigned 2P & 3P reserves at updip 183-D4 location
- Contingent Resource assigned to sequence 6.3
- Plan to complete all 3 sequences in the updip 183-D4 well

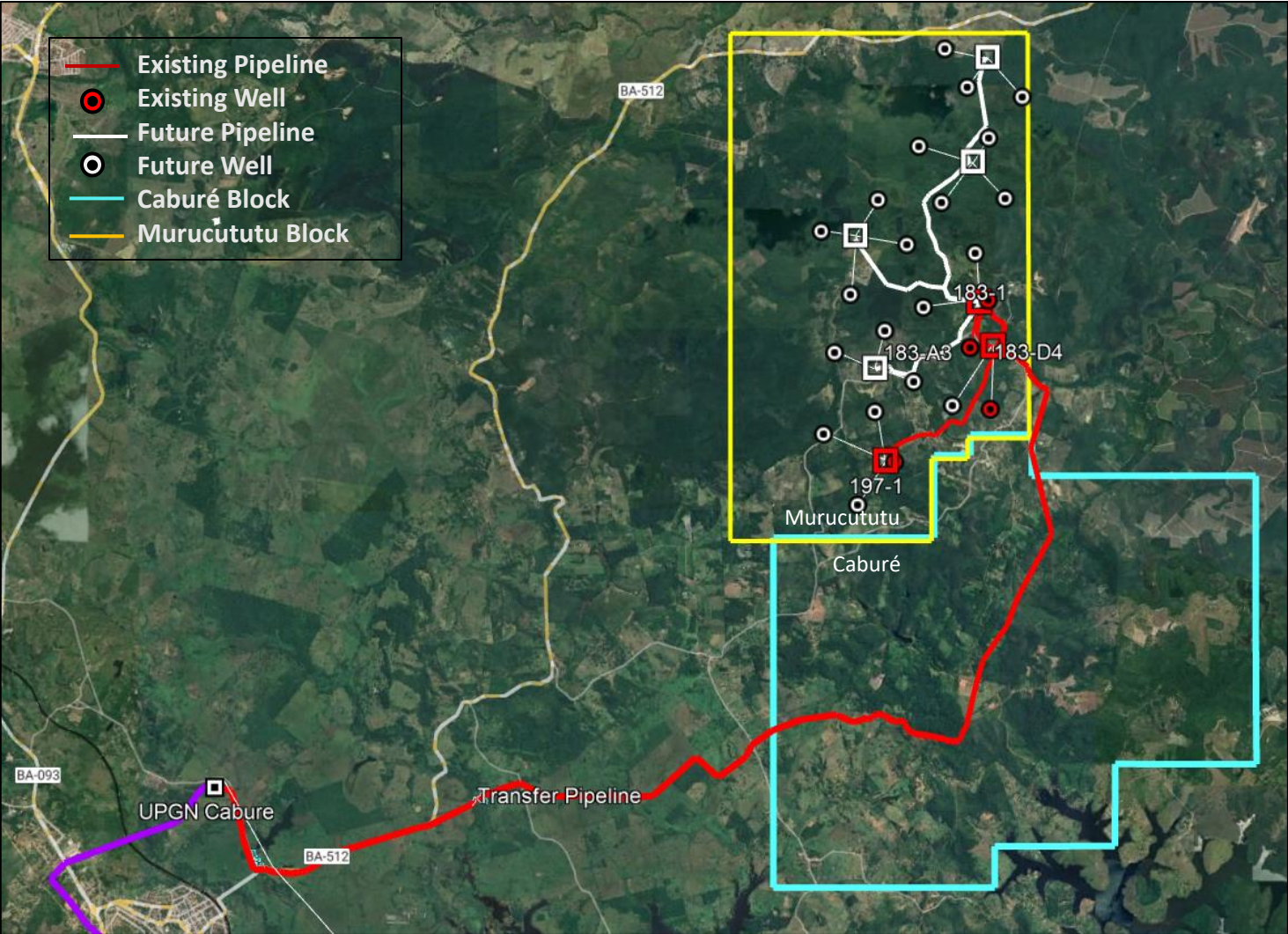
Murucututu – Positioned for Growth



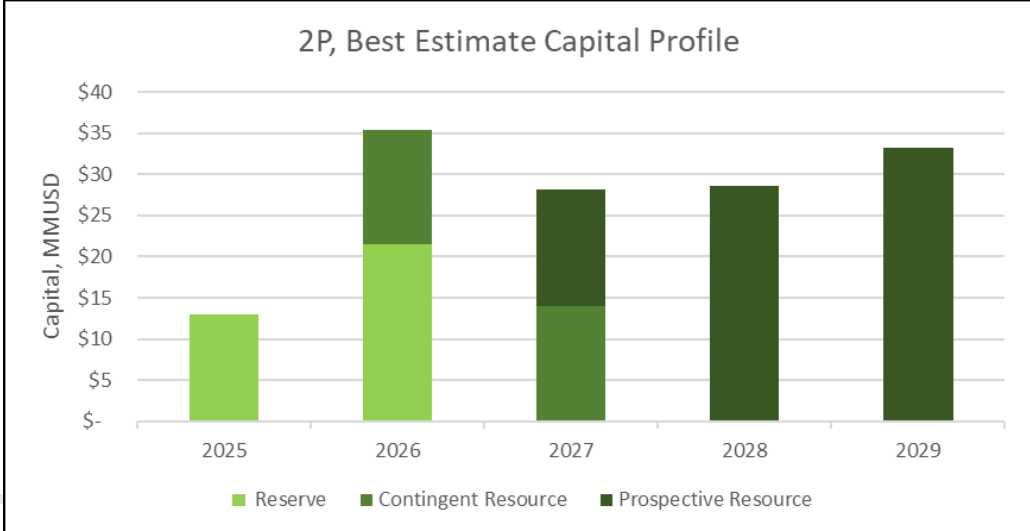
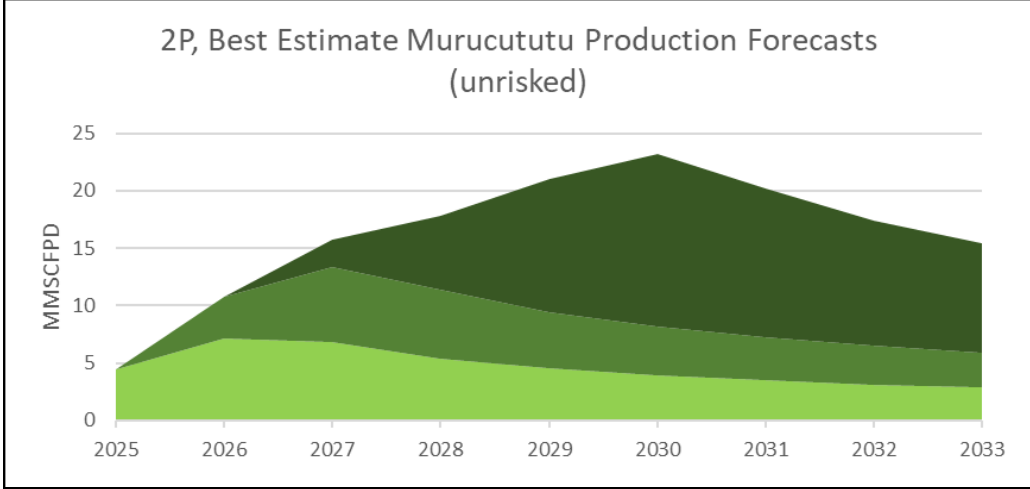
- ALV can drill 6+ development wells from 3 existing well pads all connected to our field production facility at 183-1
- Drilled 183-D4 well a follow-up to 183-A3 106m updip



Murucututu Multi-Year Development Plan

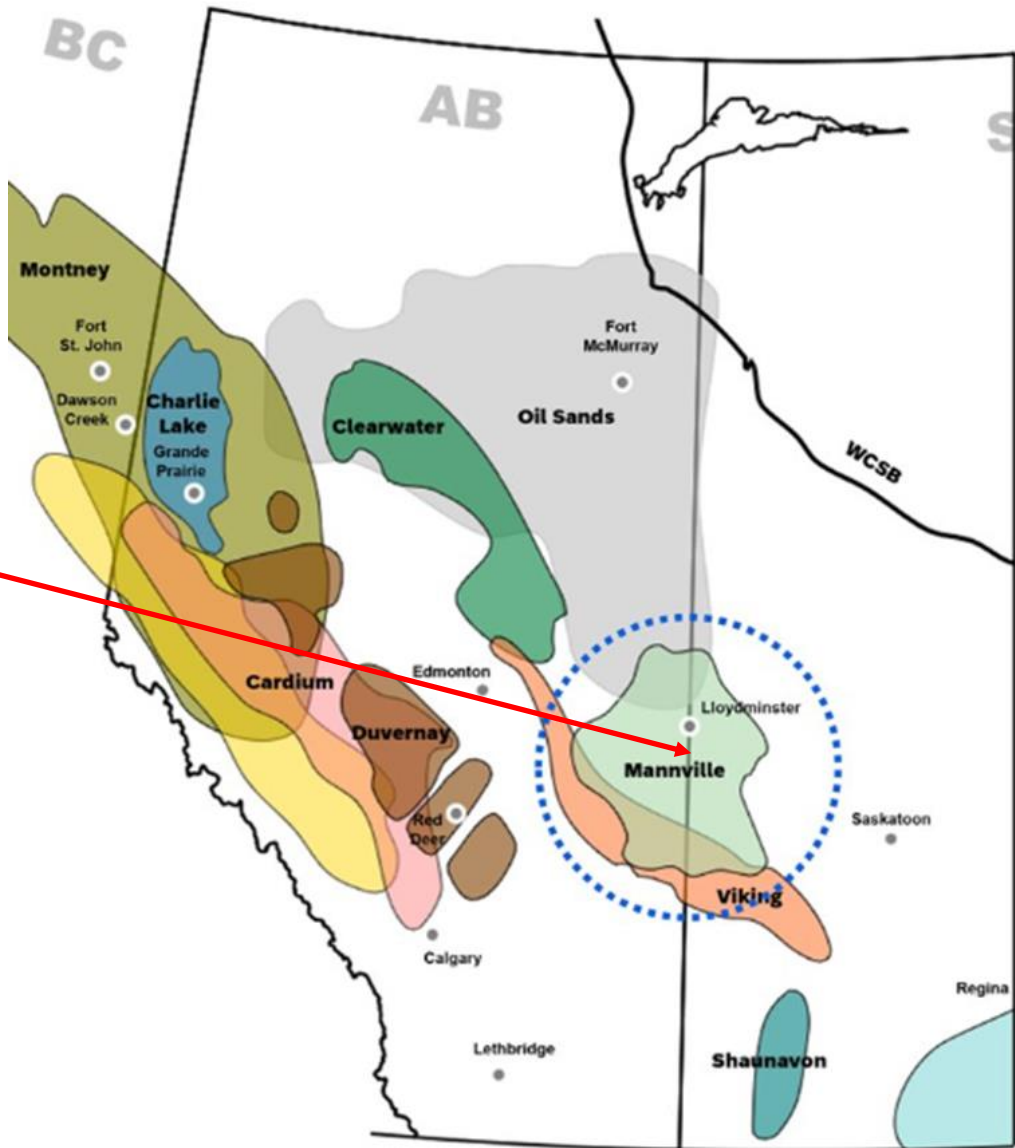


- 2P Reserves: 3 existing wells + 5 undeveloped locations (183-D4, 183-D1, 183-A2, Mur-2, Mur-3)
- Contingent Resource (best est): 4 development wells
- Prospective Resource (best est): 12 additional wells



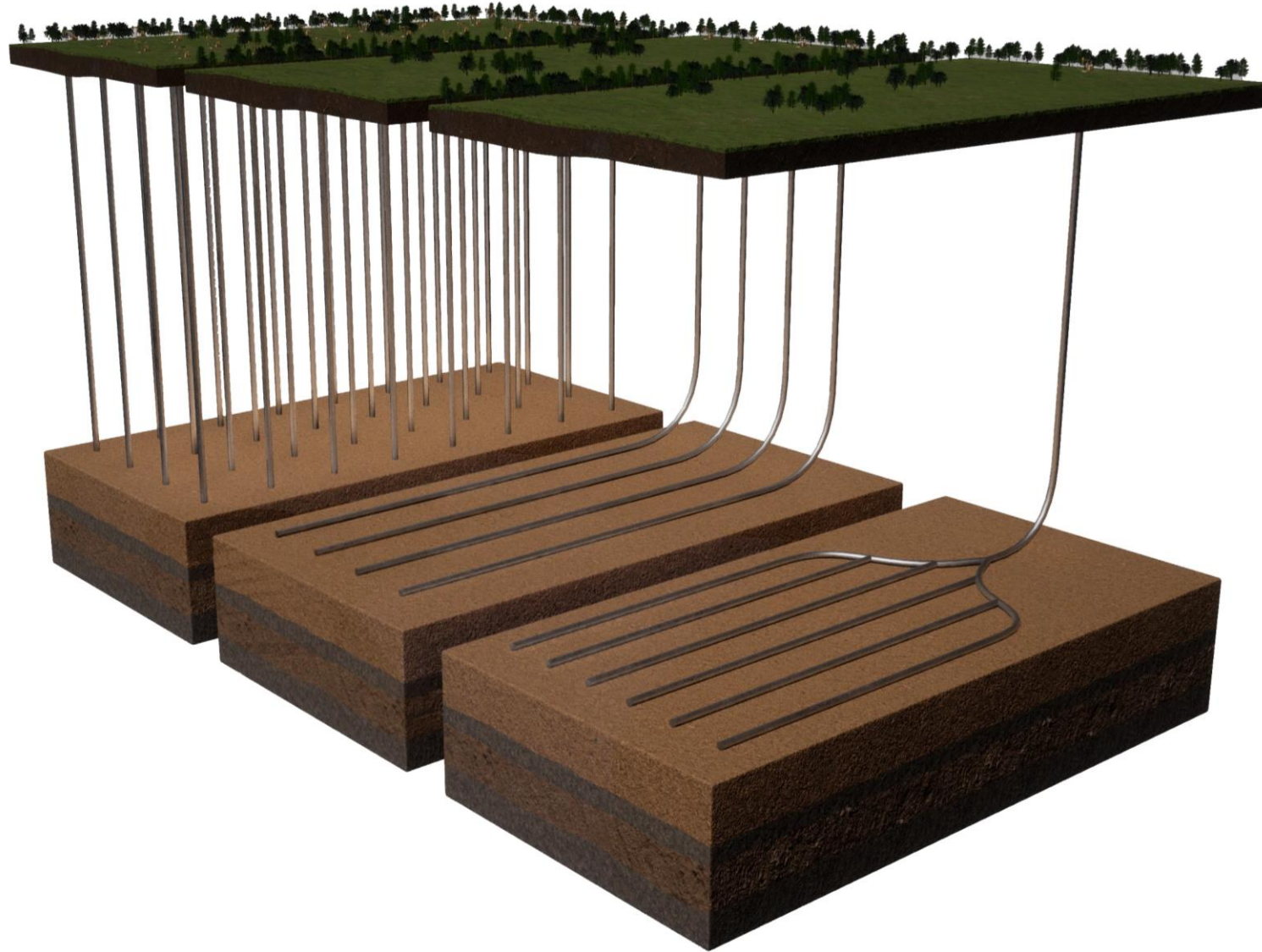
Mannville Stack – Alberta/Saskatchewan Conventional Heavy Oil Fairway

| 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 |
| | | Grand Rapids Fm | Mannville Grp | Upper Grand Rapids | Mannville Grp | Colony McLaren Waseca |
| | | Clearwater Fm | | Lower Grand Rapids | | Sparky GP |
| | | Wabiskaw Mb | | Clearwater Fm | | Rex |
| | Aptian and Older | McMurray Fm | | McMurray Fm | | Lloydminster |
| | | | | | | Cummings |
| | Pre Cretaceous | | | | | Dina Fm |
| | | | | | | |



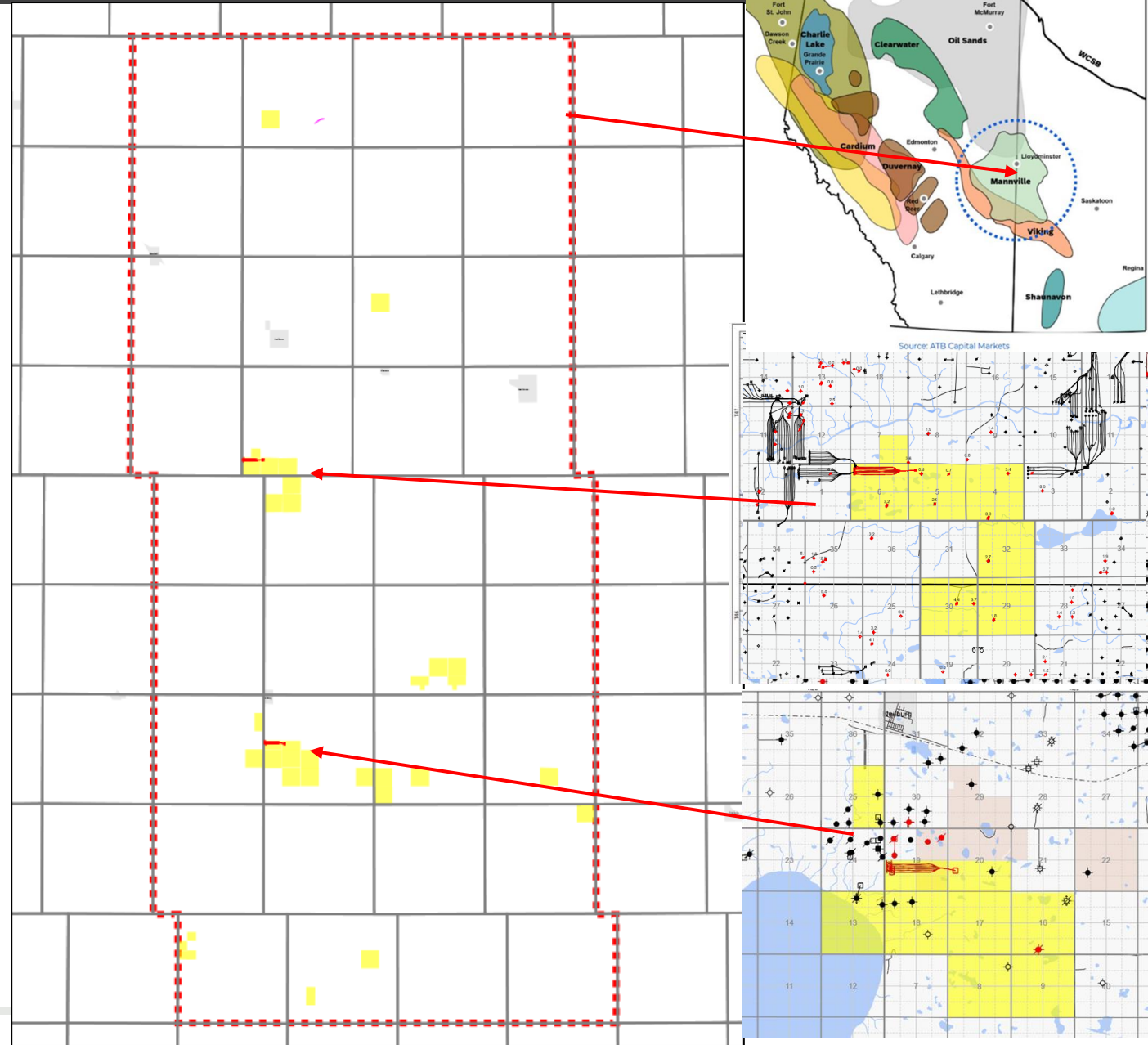
Source: Tapping into Opportunity: Unlocking the Potential of Mannville Oil in the Lloydminster and Cold Lake Areas – Part 1 – GLJ | Your Global Energy Partner

Attractive Economics With Multilateral Drilling Technology

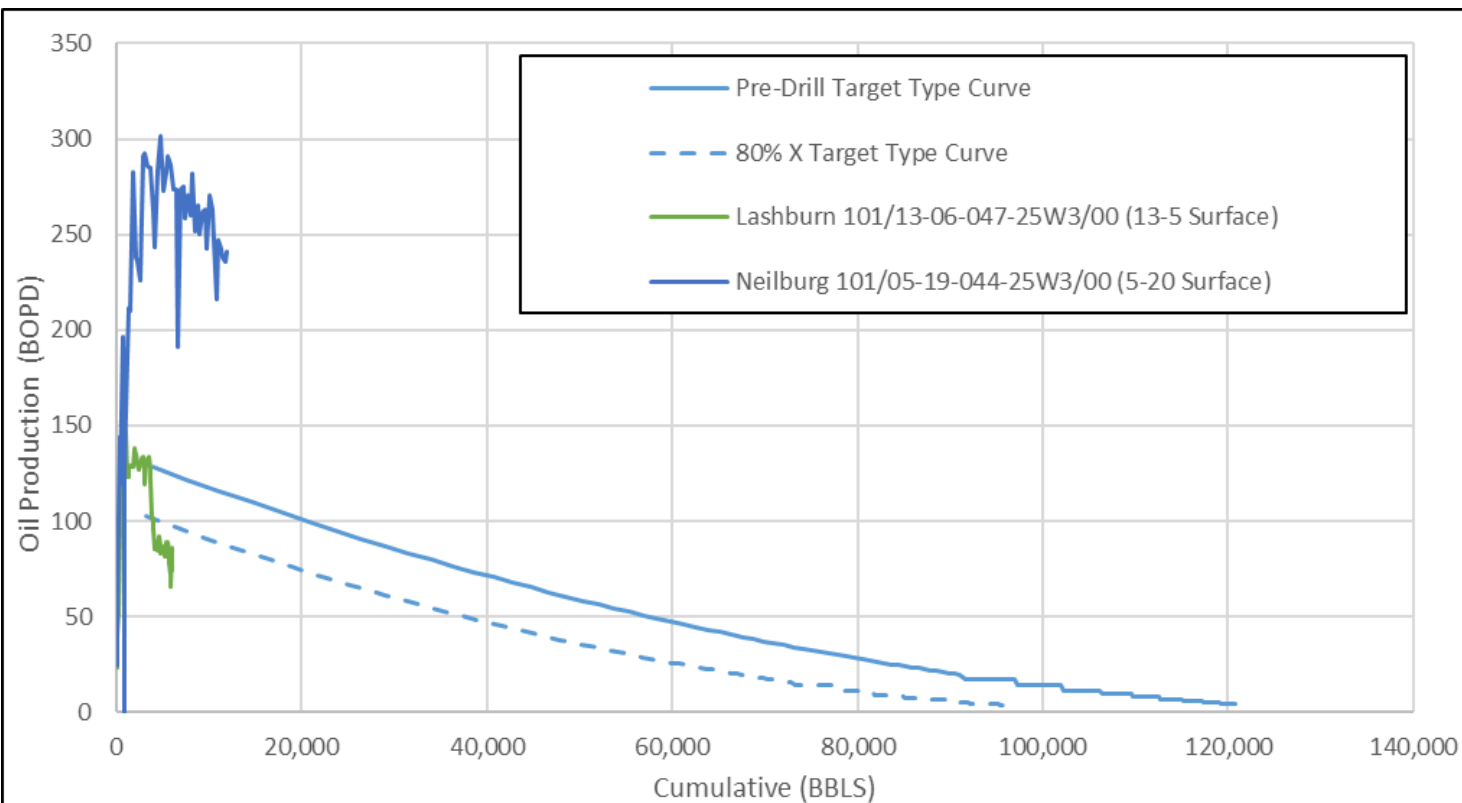


Western Canadian Growth Platform

- Initial focus area – Mannville Stack
- Multi-zone with large amounts of OOIP
- Partnered with an established operator with strong track record
- Attractive economics through the application of multilateral drilling technology
- Shallow depths, lower geological risk, lower drilling costs, high IRR, short times from spud to onstream to payout
- 50% working interest in 27.5 sections (8,800 acres net) of land
- First 2 earning wells drilled with a total of 15 km of open hole & both on production
- Potential for > 100 drilling locations



Western Canadian Type Curve Economics



13-6 Lashburn pump change planned to optimize production

Gross Type Well Economics:

Capital costs C\$1.8 million/well

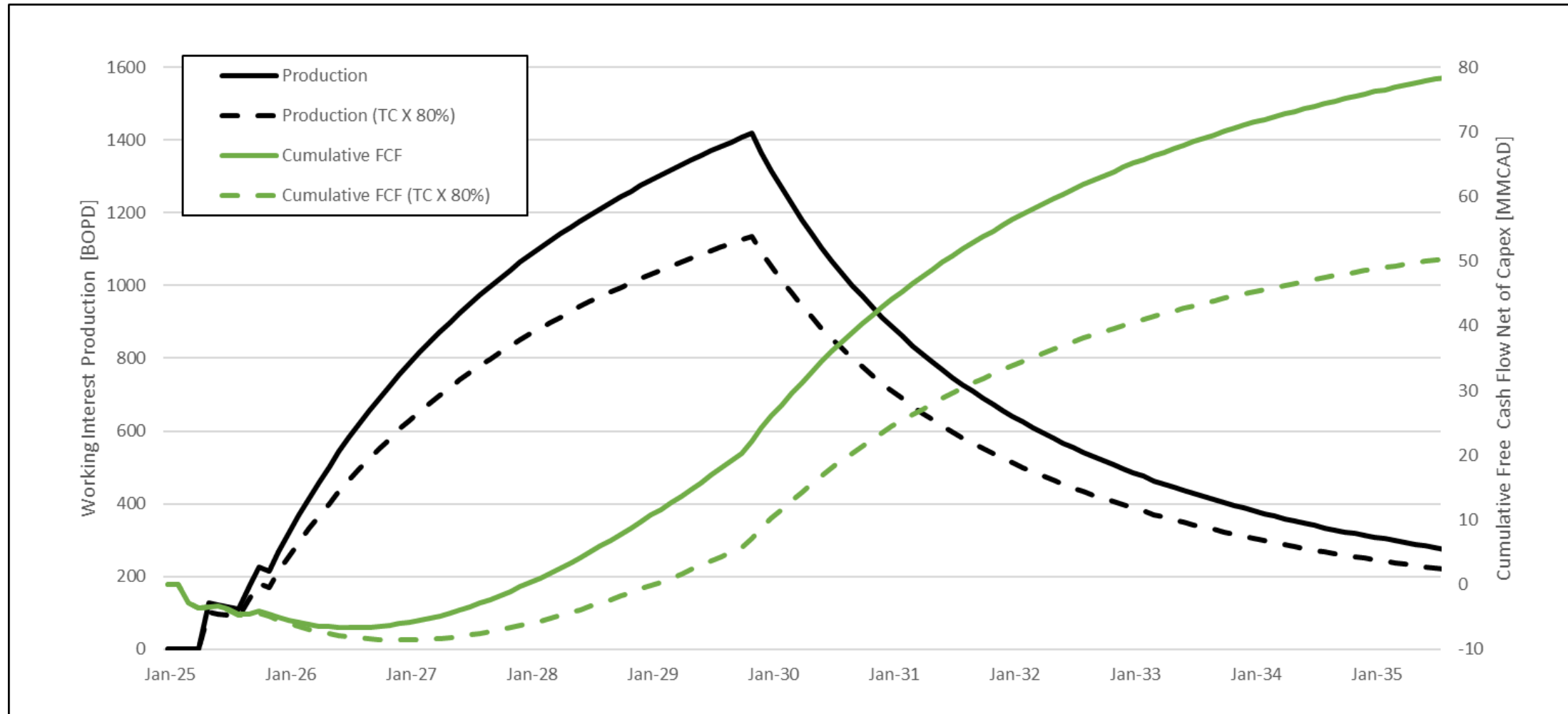
Target Type Well 121,000 bbls recoverable

| WTI | Payout (months) | IRR | NPV10 (MMCAD) | Recycle Ratio |
|-----|-----------------|------|---------------|---------------|
| 60 | 19 | 47% | 1.1 | \$ 2.1 |
| 70 | 12 | 94% | 2.2 | \$ 2.9 |
| 80 | 9 | 153% | 3.4 | \$ 3.8 |

80% * Target Type Curve 97,000 bbls recoverable

| WTI | Payout (months) | IRR | NPV10 (MMCAD) | Recycle Ratio |
|-----|-----------------|-----|---------------|---------------|
| 60 | 29 | 24% | 0.4 | \$ 1.6 |
| 70 | 17 | 56% | 1.3 | \$ 2.2 |
| 80 | 12 | 94% | 2.3 | \$ 2.9 |

Western Canadian Conceptual Multi-Year Development



Assumptions:

- Pre-Drill Type Curves: 121 & 97 Mbbl EUR Gross
- 12 Gross wells per year starting in 2026 (52 wells total)
- Flat WTI: \$70USD/BBL

Caburé 5-Year Anniversary



Caburé UPGN – Gas Plant

Caburé HUB – Field
Production Facility



Why Invest?





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OTCQX: ALVOF

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[Alvopetro Energy Ltd](https://www.linkedin.com/company/Alvopetro%20Energy%20Ltd)



[Alvopetro Energy](https://www.youtube.com/Alvopetro%20Energy)

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, forecasted royalty rates, 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; the outcomes of disputes; costs and expenses, and health, safety and environmental risks; fluctuations in foreign currency exchange rates and commodity prices; market uncertainty associated with trade or tariff disputes; and general economic conditions. 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 2024 MD&A and in our 2024 Annual Information Form both 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, and working capital. 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 production replacement ratio. Production replacement ratio is calculated by dividing the change in reserve volumes plus current year production by current year production. For further details on the calculation, see Alvopetro's press release dated February 26, 2025. 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.
- **Sales volumes.** Alvopetro reported volumes are based on sales volumes which, due to the timing of sales deliveries, may differ from production volumes.

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 is included in the annual information form for the year-ended December 31, 2024 which has been filed on SEDAR+ (www.sedarplus.ca). 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 is included in the Company's annual information form for the year-ended December 31, 2024 which has been filed on SEDAR+ (www.sedarplus.ca).
- **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 has been included in the Company's annual information form for the year-ended December 31, 2024 which has been filed on SEDAR+ (www.sedarplus.ca).

Endnotes

1. As of June 17, 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 December 18, 2024 and ending on June 17, 2025.
2. Enterprise value of \$174.3 million is computed as US\$ market cap of \$184.0 million as June 17, 2025 adjusted for working capital as of March 31, 2025 of \$9.7 million. US\$ market cap of \$184.0 million is based on C\$ share price (TSXV) and 36,380,086 shares outstanding as of June 17, 2025, converted to US\$ market cap based on June 17, 2025 exchange rate of C\$1.3603/\$1US. Enterprise value to annualized funds flow from operations is based on the enterprise value as of June 17, 2025 divided by annualized funds flow from operations based on the funds flow from operations for the three months ended March 31, 2025.
3. Working capital as of March 31, 2025. Funds flow from operations for the three months ended March 31, 2025. 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 Alvopetro announced 1P, 2P and 3P reserves data as of December 31, 2024. Full disclosure with respect to the Company's December 31, 2024 Reserves is included in the Company's annual information form for the year-ended December 31, 2024 which has been filed on SEDAR+ (www.sedarplus.ca).
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 May 1, 2025, our natural gas price is BRL2.08/m³. This price will apply to all natural gas sales from May 1, 2025 to July 31, 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 \$11.09/Mcf as of May 1, 2025 (based on our average heat content to date and the USD/BRL foreign exchange rate on April 30, 2025 of 5.66). 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 Alvopetro's Murucututu property as evaluated by GLJ with an effective date of December 31, 2024. See Alvopetro's press release dated February 26, 2025 for further details. Additional disclosure is included in the Company's annual information form for the year-ended December 31, 2024 which has been filed on SEDAR+ (www.sedarplus.ca).
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. Alvopetro's original working interest share of the unitized area (the "Unit") including Alvopetro'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, Alvopetro'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 Alvopetro's press release dated April 5, 2024 and to the Material Change Report dated April 12, 2024. Alvopetro'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 Alvopetro 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. Further details are available in the Company's annual information form for the year-ended December 31, 2024 which has been filed on SEDAR+ (www.sedarplus.ca). In addition, future redeterminations may also have a material impact on Alvopetro's reserves and future cash flows.