

Parex Resources

Campetrol Presentation – February 2024



TSX:PXT

- Largest Independent Oil & Gas Company in Colombia
- Deep Portfolio with Transformational Exploration Opportunities
- Debt-Free Balance Sheet
- Target the Return of $\geq 33\%$ of FFO⁽¹⁾ to Shareholders
- Top-Tier ESG Performance

| | |
|--------------------------------------|-----------------------|
| Stock Symbol | TSX:PXT |
| Shares Outstanding ⁽²⁾ | 103.8 million |
| Market Capitalization ⁽²⁾ | C\$2.6 billion |
| Quarterly Dividend ⁽³⁾ | C\$0.375 per share |
| Dividend Yield ⁽²⁾⁽³⁾⁽⁴⁾ | 6.0% |
| Average Production ⁽⁵⁾ | 57,329 boe/d |
| Land Position | 5.5 million net acres |

See "Forward-Looking Statements and Financial Outlook" advisory.

(1) Funds flow provided by operations; capital management measure; see advisory.

(2) As at December 31, 2023.

(3) Based on C\$0.375 per share quarterly dividend as first approved on February 2, 2023.

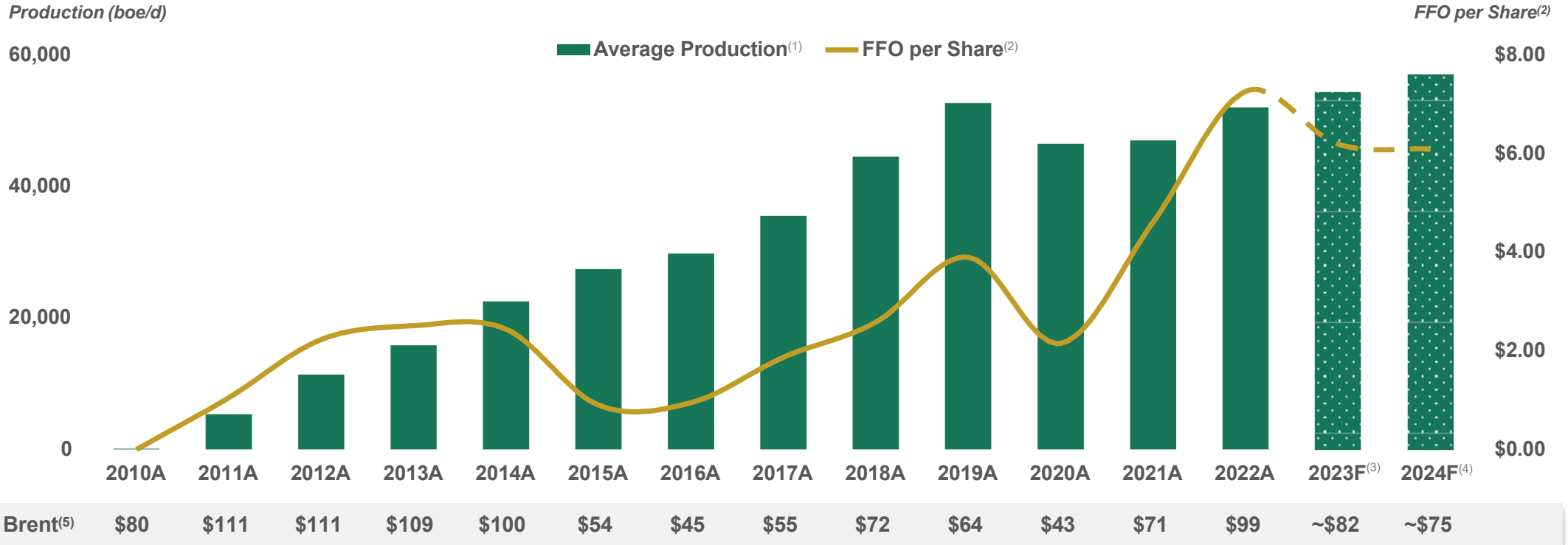
(4) Supplementary financial measure; annualized dividends per share divided by PXT share price; see advisory.

(5) Estimated for three months ended December 31, 2023 (light & medium crude oil: 9,700 bbl/d, heavy crude oil: 46,760 bbl/d, conventional natural gas: 5,212 mcf/d).

Track Record of Creating Value



PRODUCTION AND FUNDS FLOW PROVIDED BY OPERATIONS (FFO) PER SHARE



Parex has a 10+ year track record in Colombia of creating value in multiple different commodity price scenarios

See "Forward-Looking Statements and Financial Outlook" advisory.

(1) See "Historical Production" table within advisory for production by product type. (2) Non-GAAP ratio; per share based on weighted-average basic shares; see advisory. (3) Production volumes for the year-ended December 2023 are estimated; per share based on 106.2 million outstanding shares. (4) Production and FFO per share based on Parex 2024 guidance midpoint (see slide #7 and January 15, 2024 news release); per share based on 102.1 million outstanding shares. (5) Average Brent crude oil price per bbl for noted periods; 2023 price is estimated and 2024 price is based on Parex's 2024 guidance (see slide #7 and January 15, 2024 news release).



Business Fundamentals



Colombia Advantage
& ESG



Asset Sustainability

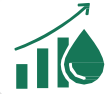


Production Growth



Return of Capital to
Shareholders

Strategic Growth Levers



Utilize Exploitation and Technology

UNLOCKING EXTENSIVE LAND BASE USING GLOBALLY-PROVEN TECHNOLOGY



Capture Liquids-Rich Gas Opportunities

PURSUING ONSHORE, WORLD-CLASS GAS PLAYS THAT ARE UNDEREXPLORED



Deliver Outsized Exploration Potential

FOCUSING ON THE EXECUTION OF TRANSFORMATIONAL, HIGH-IMPACT PROSPECTS

2024 Guidance



Average Production
boe/d

54,000-60,000
~5% Growth at Midpoint vs. 2023



Funds Flow
\$ millions

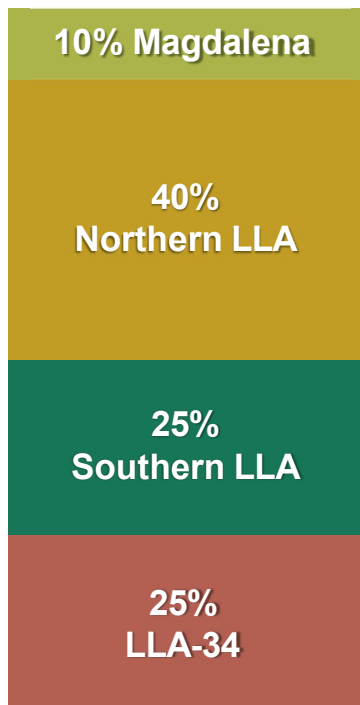
\$590-660⁽¹⁾
\$75/bbl Brent



Capital Expenditures
\$ millions

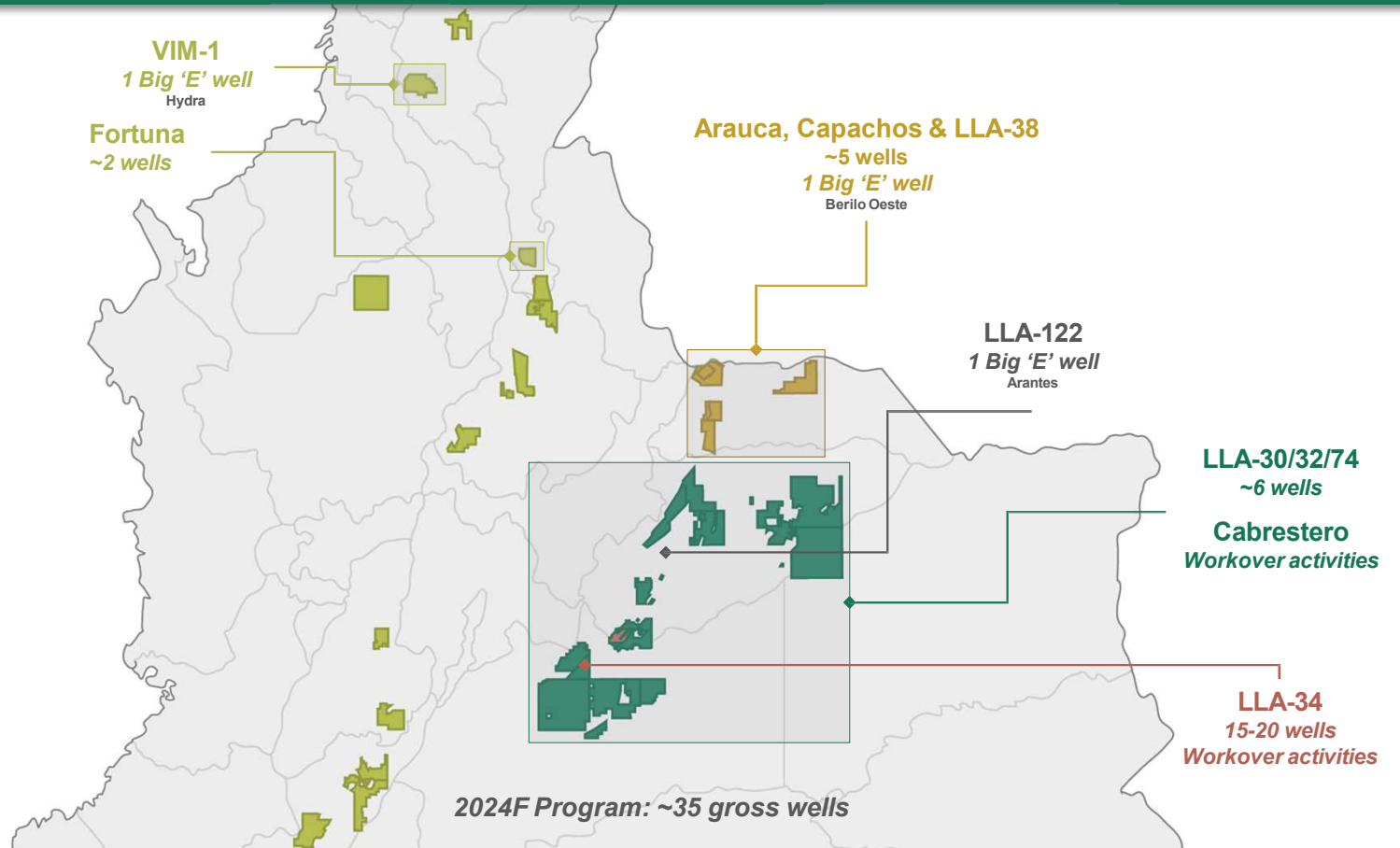
\$390-430⁽²⁾
~15% Lower at Midpoint vs. 2023

2024F CAPITAL DISTRIBUTION



75% Operated

25% Non-Operated



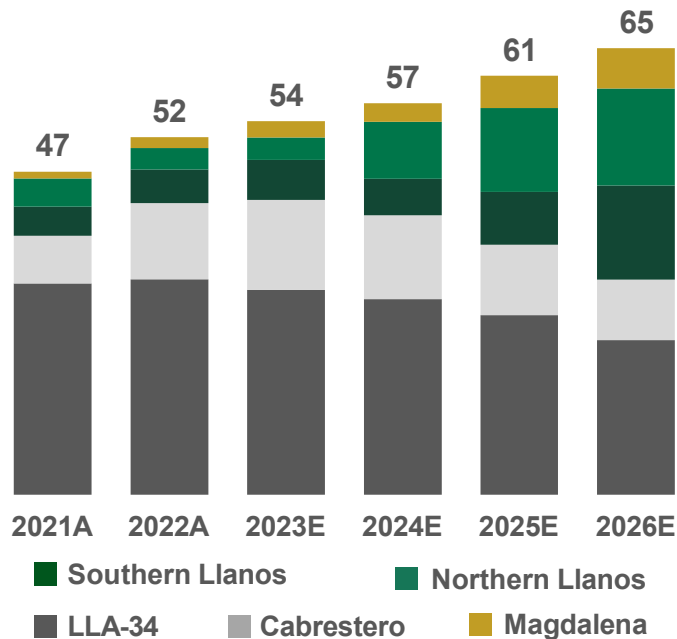
See "Forward-Looking Statements and Financial Outlook" advisory. 2024 guidance based on \$75/bbl Brent crude oil price (see January 15, 2024, news release).
(1) Funds flow provided by operations; capital management measure; see advisory. (2) Non-GAAP financial measure; see advisory.

Three-Year Plan: Growing Production & Free Funds Flow



2024-2026 Plan based on \$75/bbl Brent⁽¹⁾

Net Average Production (kboe/d)⁽²⁾



5%+ Annual Production Growth

TARGETING GROWTH FROM OPERATED BLOCKS



\$375-450MM of Capital Expenditures⁽³⁾ Per Year

INVESTING GOVERNED BY $\geq 1/3\%$ FFO SHAREHOLDER RETURN FRAMEWORK⁽⁴⁾



~\$50MM Invested on High-Impact Exploration Annually

DRILLING WORLD-CLASS PROSPECTS FOR STEP-CHANGE GROWTH POTENTIAL



~\$850MM Free Funds Flow⁽⁵⁾ Generation over Outlook Period⁽⁶⁾

FREE FUNDS FLOW TO BE USED FOR SHAREHOLDER RETURNS⁽⁴⁾

Plan increases production at reduced capital expenditures⁽³⁾ while providing exposure to high-impact exploration and increasing shareholder returns

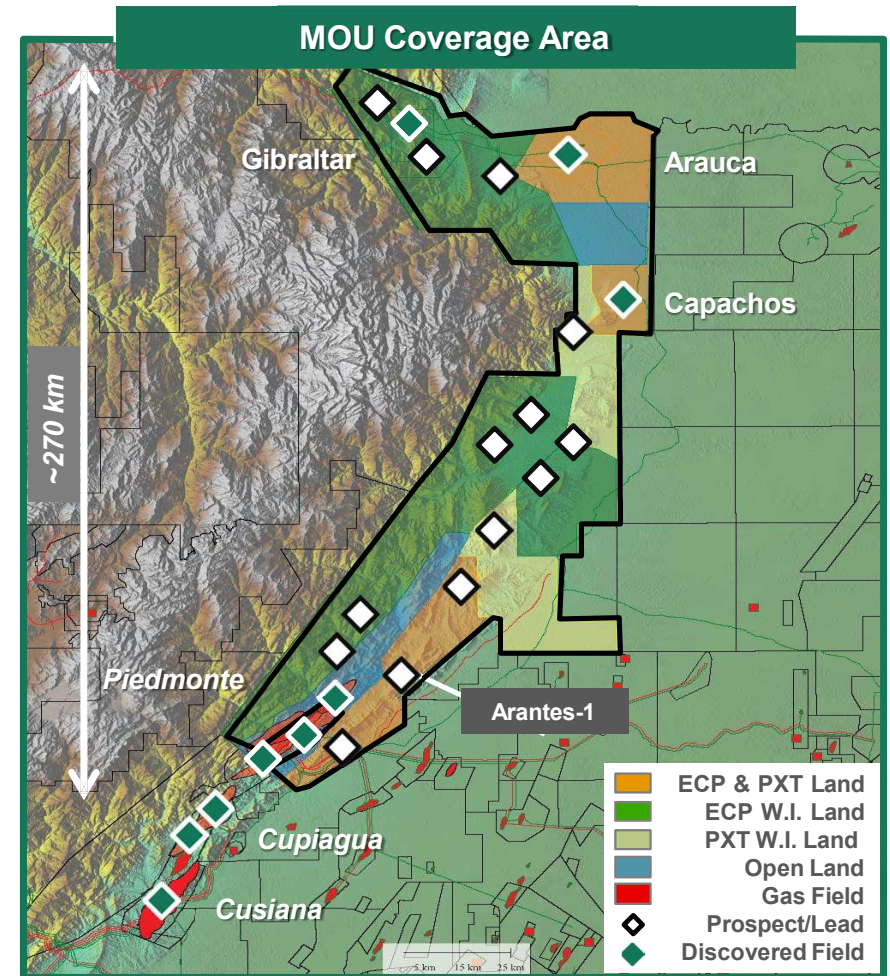
See "Forward-Looking Statements and Financial Outlook." (1) Three-year plan derived by utilizing, among other assumptions, historical Parex production performance, current cost assumptions, and Brent crude oil prices assumptions, adjusted annually after 2024; budgets and forecast have not been finalized and are subject to a variety of factors, including prior year's results. (2) See "Historical Production" table within Advisory for production by product type. (3) Non-GAAP financial measure; see advisory. (4) See slide #9. (5) Non-GAAP financial measure; free funds flow defined as FFO less capital expenditures; see advisory. (6) Plan based on 5%+ average annual production growth, capital expenditures of \$375-\$450MM, and FFO netbacks of \$29-32/bbl based on assumed \$75/bbl Brent crude oil pricing (no hedging assumed).

MOU with Ecopetrol in High-Potential Foothills Trend



Memorandum of Understanding (MOU) with Ecopetrol S.A.⁽¹⁾

- **MOU signed with Ecopetrol, Colombia's national oil company**
 - Building on existing, successful relationship with Ecopetrol
 - Area of coverage spans 13 blocks in the high-potential Foothills trend in the Llanos Basin
- **Focus of the MOU**
 - Maximize synergies within the trend
 - Capitalize on use of existing infrastructure
- **Progress is already underway**
 - Capachos farm-in: operating block
 - Arauca & LLA-38 farm-in: initial well tests began in Q4 2023
 - Next step: LLA-122 (Arantes) was spud in early Q1 2024



(1) As originally announced on December 6, 2022. (2) Source: IHS; See "Analogous Information" advisory.

Arauca (Arauca-8): Multi-Zone, High-Impact Exploration Target



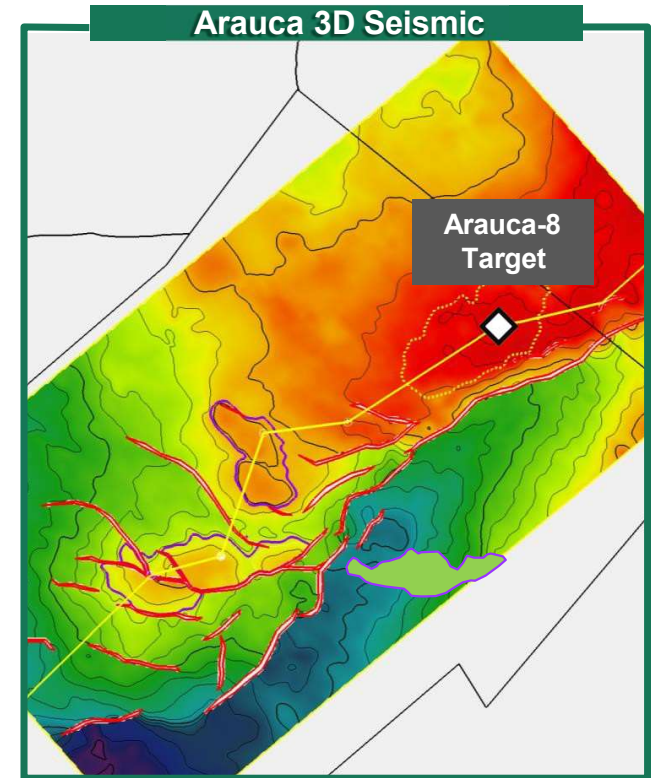
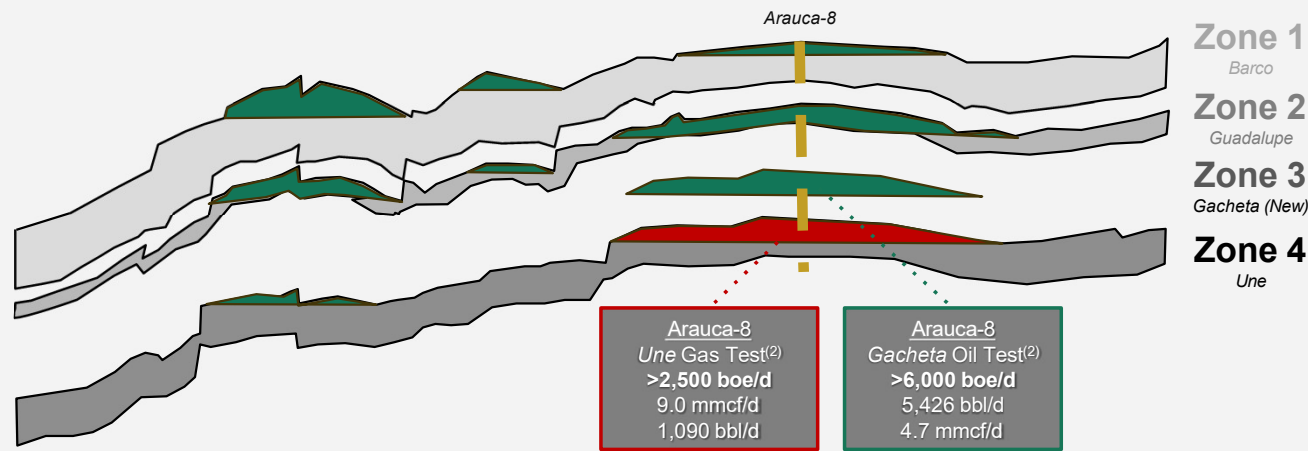
Basin: Northern Llanos

Operator: PXT

W.I.: 50%⁽¹⁾

Actively testing multiple reservoirs with positive initial results⁽²⁾

- Previous development was on 2D seismic and halted due to social issues
- What success looks like: development plan with 3-10 wells



Oil, Gas & Condensate Target



Late Q3 2023
Initial Spud Date



Q1 2024
Testing Underway⁽²⁾

Nearby Producing Field: Capachos Block EUR⁽³⁾
3P: 55 mmboe
2P: 41 mmboe
1P: 33 mmboe

(1) Arauca Block working interest is under a 50% participating share under a business collaboration agreement ("BCA") with Ecopetrol S.A. (2) See "Oil and Gas Information" advisory; well test details (see January 15, 2024 news release). (3) Gross Estimated Ultimate Recovery from independent reserves report prepared by GLJ Ltd. dated February 3, 2023, with an effective date of December 31, 2022; see "Oil & Gas Information" advisory.

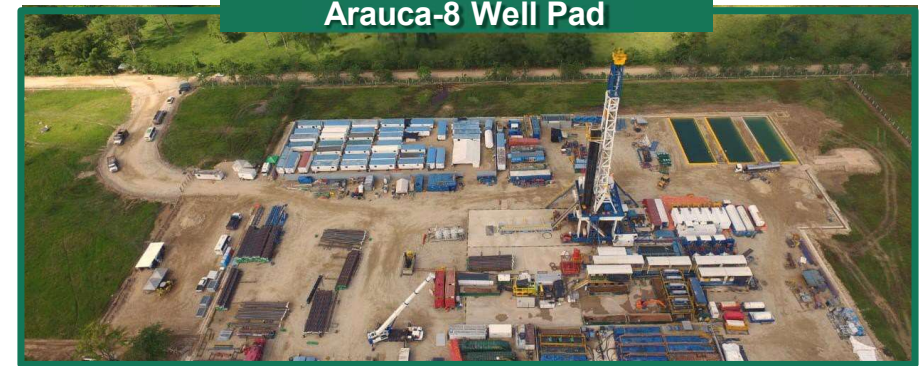
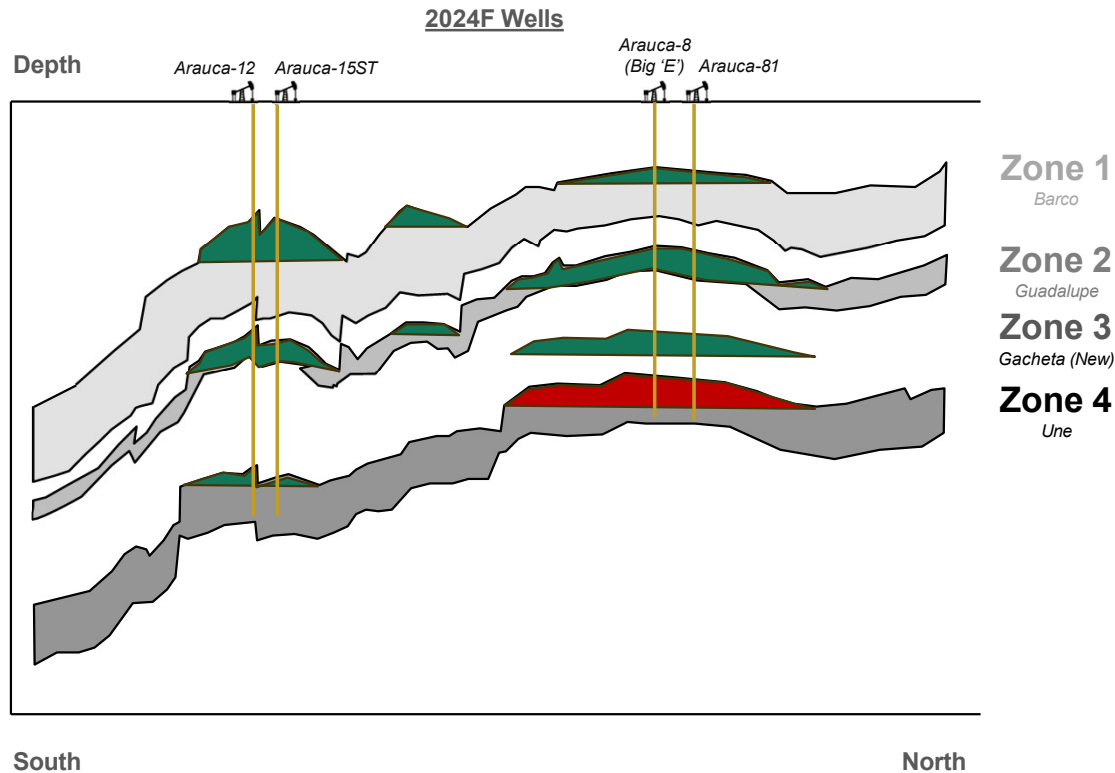
Arauca: Building Off of Capachos to Drive Future Growth



Basin: Northern Llanos

Operator: PXT

W.I.: 50%⁽¹⁾



Key Takeaways

- Targeting proven, multi-zone reservoirs
- New Gacheta zone encountered at Arauca-8; prolific Une zone penetrated for the first time⁽²⁾
- 2024 focused on drilling follow-up wells⁽³⁾ and finishing initial facility (capacity: ~40,000 bfpd)

By 2025, expect to grow field from 0 to ~20,000 boe/d gross

See "Forward-Looking Statements and Financial Outlook" advisory.

(1) Arauca Block working interest is under a 50% participating share under a business collaboration agreement ("BCA") with Ecopetrol S.A. (2) See "Oil and Gas Information" advisory; well test details (see January 15, 2024 news release). (3) Subject to partner approval.

Cabrestero & LLA-34: Maximizing Recovery & Free Funds Flow

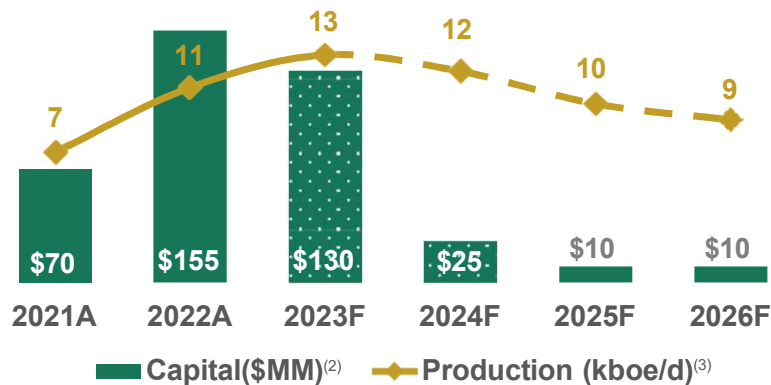


Basin: Southern Llanos

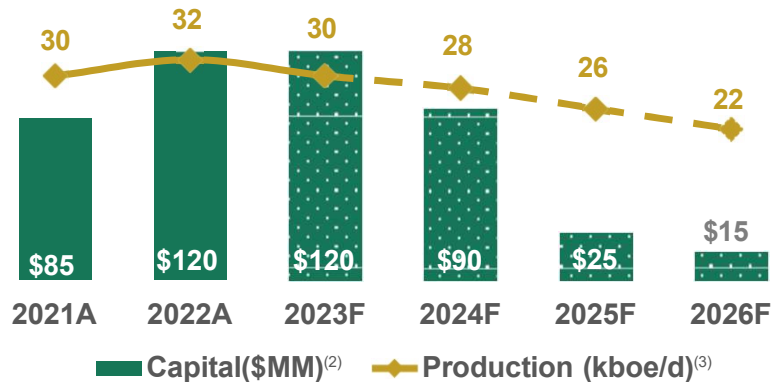
Operator: PXT (Cabrestero), Non-Operator (LLA-34)

W.I.: 100% (Cabrestero), 55% (LLA-34)

CABRESTERO PROFILE⁽¹⁾



LLA-34 PROFILE⁽¹⁾



Focused on pressure management & minimizing decline

Cabrestero Block

- Planned downspacing and waterflood injection pattern as well as facility expansion completed in 2023
 - Actively ramping up waterflood injection volume
 - Polymer flooding pilot commenced in late Q4 2023 to increase sweep efficiency

LLA-34 Block

- 2024 activities focused on vertical and horizontal producers as well as injectors for the waterflood pattern
 - Upgrading fluid handling capacity by 120,000-160,000 bbl per day
 - Continuing horizontal drilling program based off 2023 success

Infrastructure & technology investments have positioned key assets to have the potential for significant free funds flow⁽⁴⁾ generation

See "Forward-Looking Statements and Financial Outlook" advisory.

(1) After 2024F, budgets and forecast for Cabrestero and LLA-34 have not been finalized and are subject to a variety of factors, including prior year's results as well as partner approval in respect to LLA-34. (2) Capital expenditures; non-GAAP financial measure; see advisory. (3) Average annual production. (4) Non-GAAP financial measure; free funds flow defined as FFO less capital expenditures; see advisory.