GEOPARK

Corporate Presentation

August 2026

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This presentation includes forward-looking statements. Forward-looking statements can be identified by the use of forward-looking words such as “anticipate”, “believe”, “could”, “expect”, “should”, “plan”, “intend”, “will”, “estimate” and “potential,” among others. Forward-looking statements that appear in a number of places in this presentation include, but are not limited to, statements regarding our intent, belief or current expectations, regarding various matters, including, production growth, the drilling campaign, dividends, operating expenses, future capital expenditure, debt, Adjusted EBITDA and free cash flow. Forward-looking statements are based on our management’s beliefs and assumptions and on information currently available to our management. Such statements are subject to risks and uncertainties, and actual results may differ materially from those expressed or implied in the forward-looking statements due to various factors. Forward-looking statements speak only as of the date they are made, and GeoPark does not undertake any obligation to update them in light of new information or future developments or to release publicly any revisions to these statements in order to reflect later events or circumstances or to reflect the occurrence of unanticipated events.

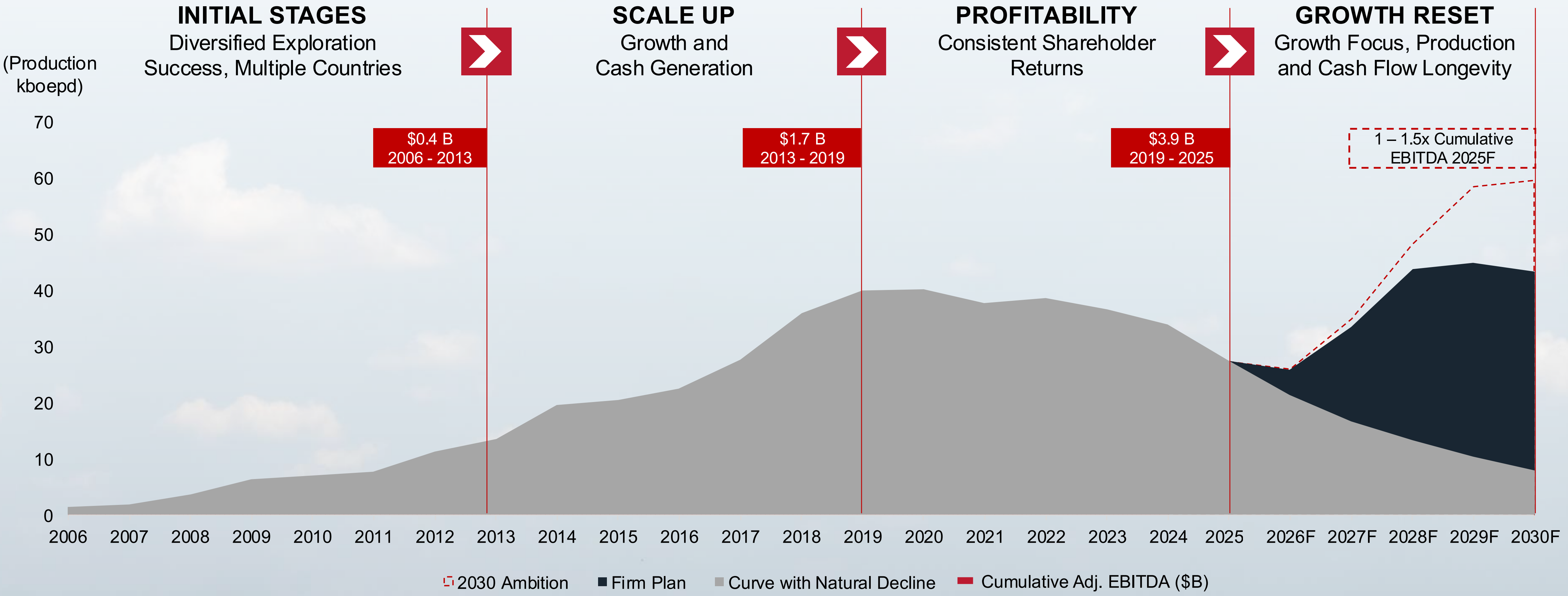
This presentation includes forward-looking non-GAAP measures. The Company is unable to present a quantitative reconciliation of the expected Adjusted EBITDA because the Company cannot reliably predict certain of the necessary components, such as write-off of unsuccessful exploration efforts or impairment loss on non-financial assets, etc. Since free cash flow is calculated based on Adjusted EBITDA, for similar reasons, the Company does not provide a quantitative reconciliation of the expected free cash flow forecast.

Statements related to resources are deemed forward-looking statements as they involve, based on certain estimates and assumptions, the implied assessment that the resources will be discovered and can be profitably produced in the future. Specifically, forward-looking information contained herein regarding resources may include: estimated volumes and value of the Company's oil and gas resources and the ability to finance future development, as well as the conversion of a portion of resources into reserves.

The information included in this presentation regarding GeoPark’s estimated quantities of proved, probable and possible reserves as of December 31, 2025; is derived, in part, from the reports prepared by DeGolyer and MacNaughton (“D&M”), independent reserves engineers. Certified reserves refer to net reserves independently evaluated by D&M. The reserves estimates in the reports prepared by D&M were prepared in accordance with the Petroleum Resource Management System Methodology (the “PRMS”) approved in 2007 and revised in 2018 by the Society of Petroleum Engineers, the World Petroleum Council, the American Association of Petroleum Geologists, the Society of Petroleum Evaluation Engineers, the Society of Exploration Geophysicists, the Society of Petrophysicists and Well Log Analysts, and the European Association of Geoscientists & Engineers. PRMS proved reserves (1P) are estimated quantities of oil, condensate and natural gas from which there is geological and engineering data that demonstrate with reasonable certainty that they are recoverable in future years from known reservoirs under existing economic and operating conditions. PRMS probable reserves (2P) are those additional reserves which analysis of geoscience and engineering data indicate are less likely to be recovered than proved reserves but more certain to be recovered than possible reserves. PRMS possible reserves (3P) are those additional reserves that analysis of geoscience and engineering data indicates are less likely to be recoverable than probable reserves.

The accuracy of any resource estimate is a function of the quality of the available data and of engineering and geological interpretation. Results of drilling, testing and production that postdate the preparation of the estimates may justify revisions, some or all of which may be material. Accordingly, resource estimates are often different from the quantities of oil and gas that are ultimately recovered, and the timing and cost of those volumes that are recovered may vary from that assumed. Reserves estimates prepared in accordance with SEC rules and regulations may differ significantly from reserves estimates prepared in accordance with PRMS guidelines.

Building Enduring Value



Note:
1. GeoPark was founded in 2002, first production in 2006.
2. Firm Plan includes the figures for the Base Business as well as the recently acquired business in Vaca Muerta. Ambition includes potential additional assets/volumes.
3. Adj. EBITDA defined as profit (loss) for the period (determined as if IFRS 16 leases has not been adopted), before net finance results, income tax, depreciation, amortization, certain non-cash items such as impairments and write-offs of unsuccessful exploration efforts, accrual of share-based payment, unrealized result on commodity risk management contracts, geological and geophysical expenses allocated to capitalized projects, and other non-recurring events
4. Brent Price Assumptions: 2025: $68/BBL; 2026-2028F: $68/BBL average; 2029-2030F: $70/BBL average.

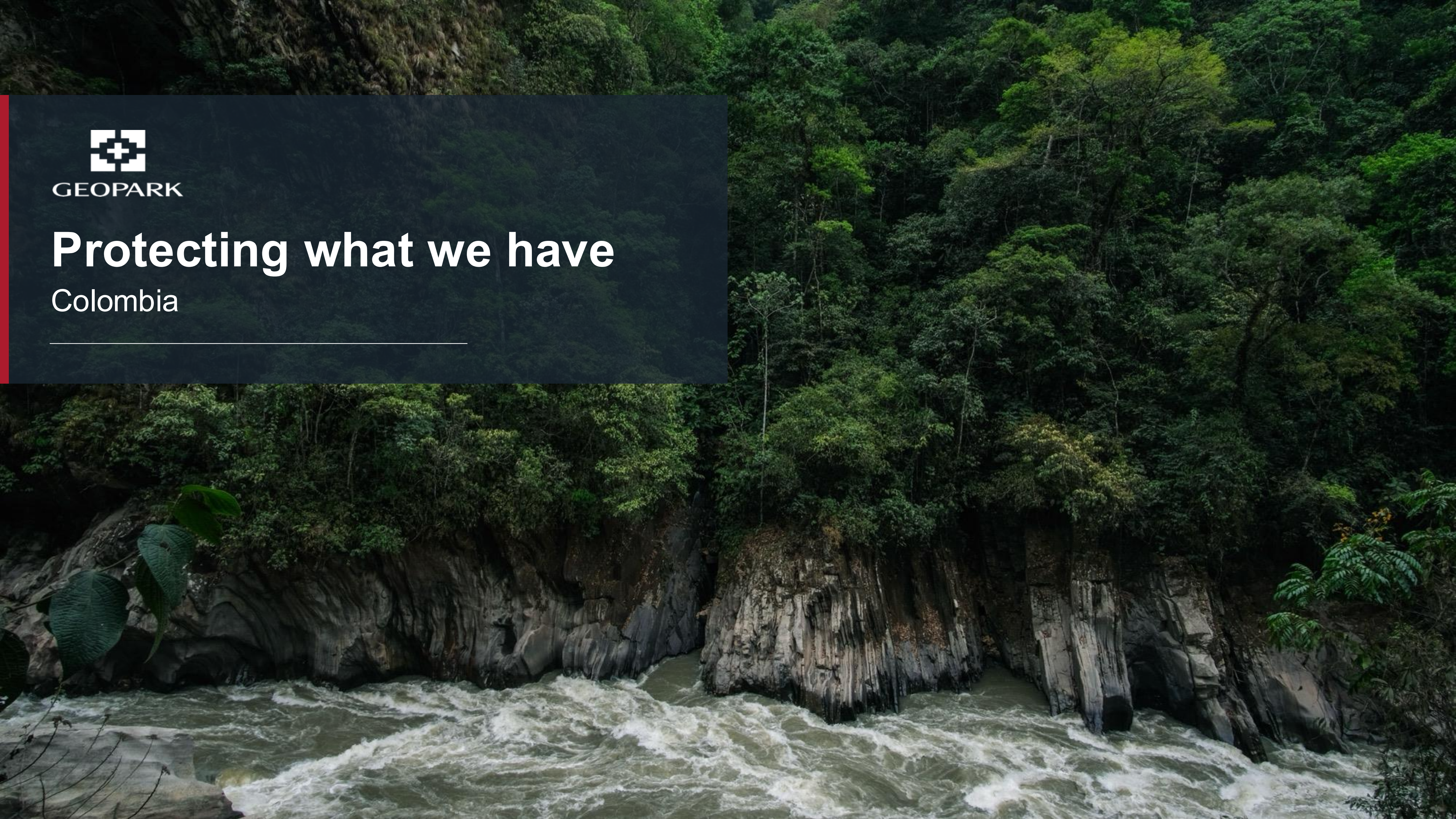
Protecting What We Have

Returning to Growth

2Q2026 Results

Strong operational execution and financial discipline

27,271 boepd Production 2Q2026 99.6% oil	**$143.3 M** Revenue 1Q2026 11.6% increase vs 1Q2026	**$73.1 M** Adj. EBITDA 2Q2026 51% EBITDA Margin
$316.3 M Cash June 2026	**1.2x** Net Debt/EBITDA June 2026	**$17.9/boe** Operating Costs per Produced Barrel



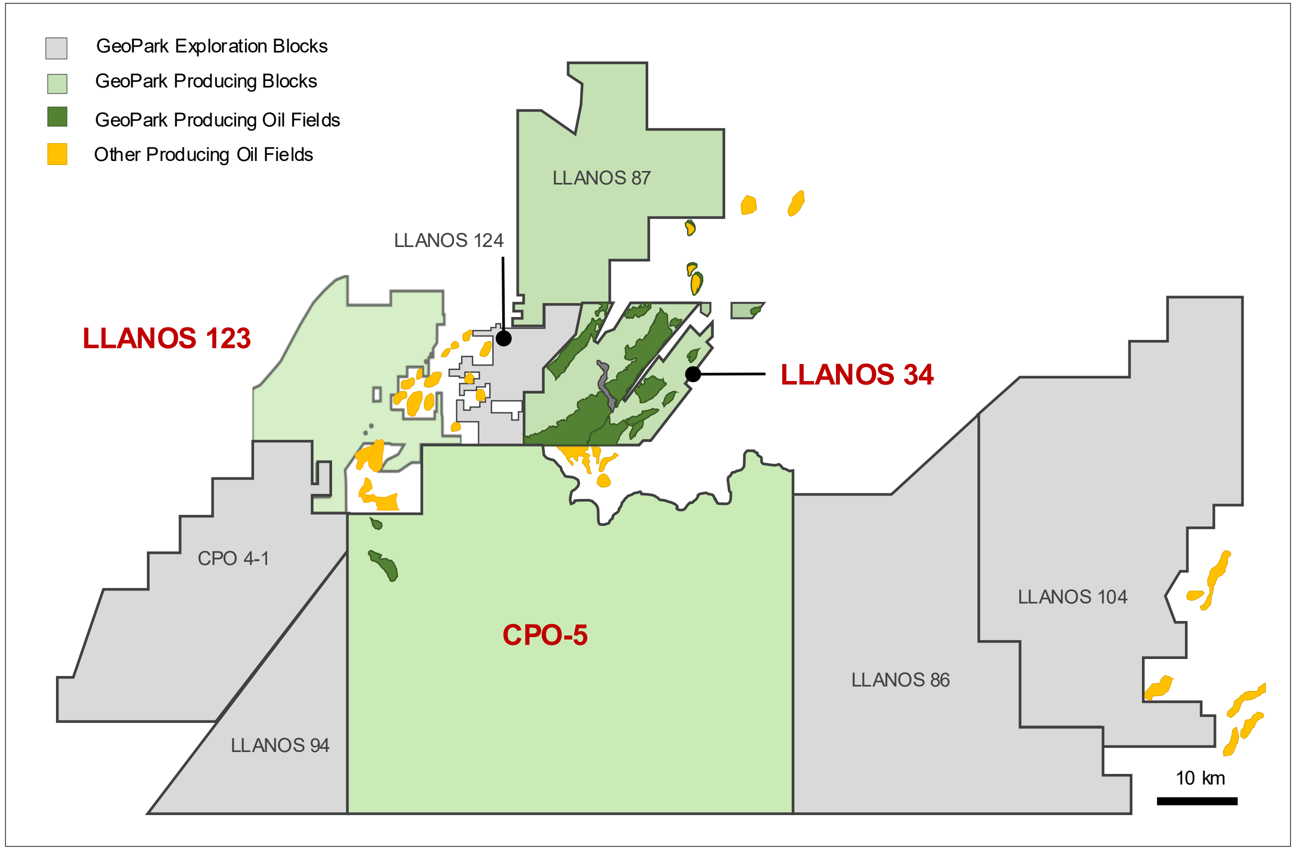
GEOPARK

Protecting what we have

Colombia

Colombia: Stable Production Positioned at the heart of the Llanos Basin

PRODUCTION INFLECTION POINT ACHIEVED IN 2025



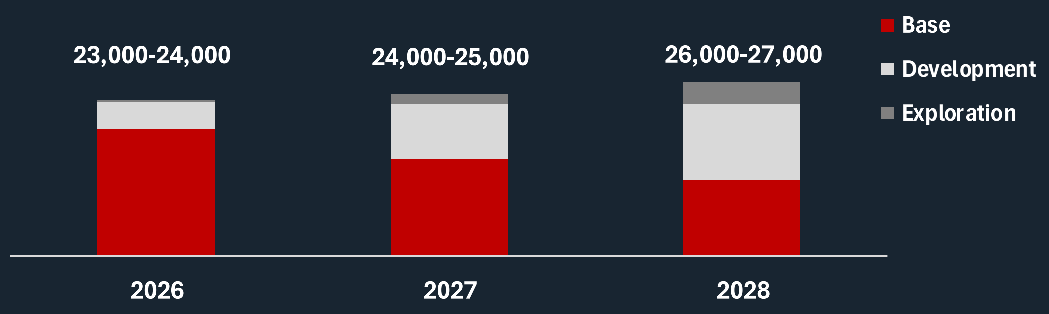
2Q2026 RECAP

25,871 boepd
Net Production

4 Wells Drilled
Llanos 34 and Llanos 123

$42 mm
Capex

PRODUCTION FORECAST (BOEPD)



DRILLING ACTIVITY

22-31 Wells
25-30 WO
2026

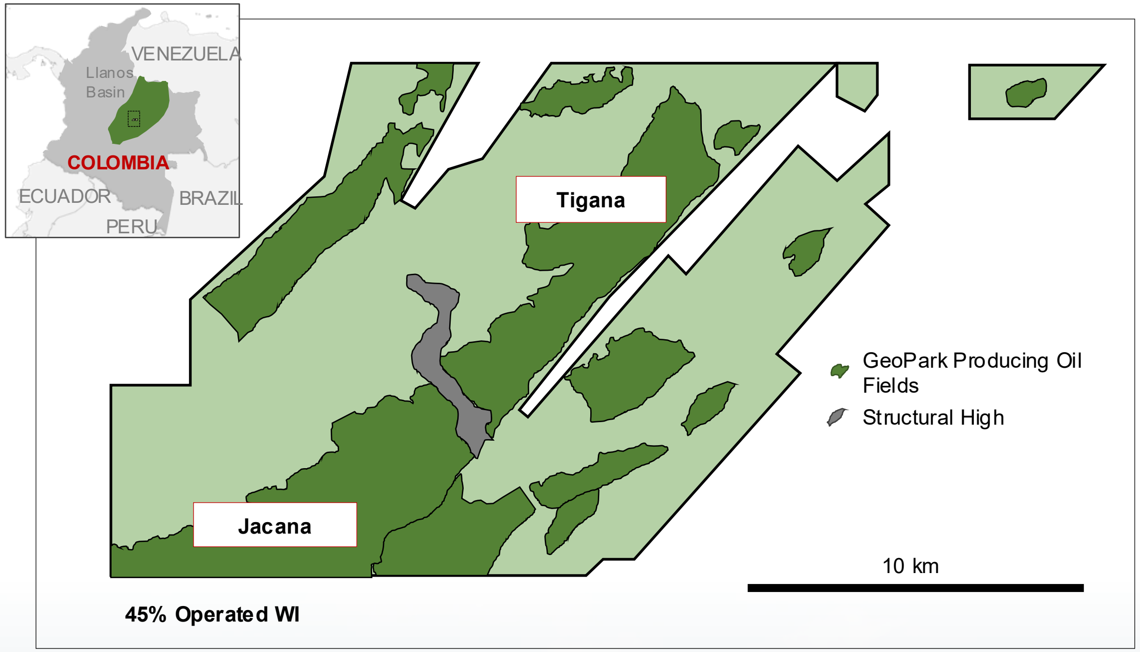
50-55 Wells
15-20 WO
2027

60-65 Wells
2028

CAPEX

$100 – $125 MILLION PER YEAR

Llanos 34: Scaling Enhanced Recovery and Development Activity



2Q2026 SUMMARY

15,697	94%	$15/BOE	4 Drilled
Net Production BOEPD	Production efficiency	Opex	Wells

KEY HIGHLIGHTS

- Strong waterflood performance contributing ~25% total production
- Polymer flooding project progressed according to plan

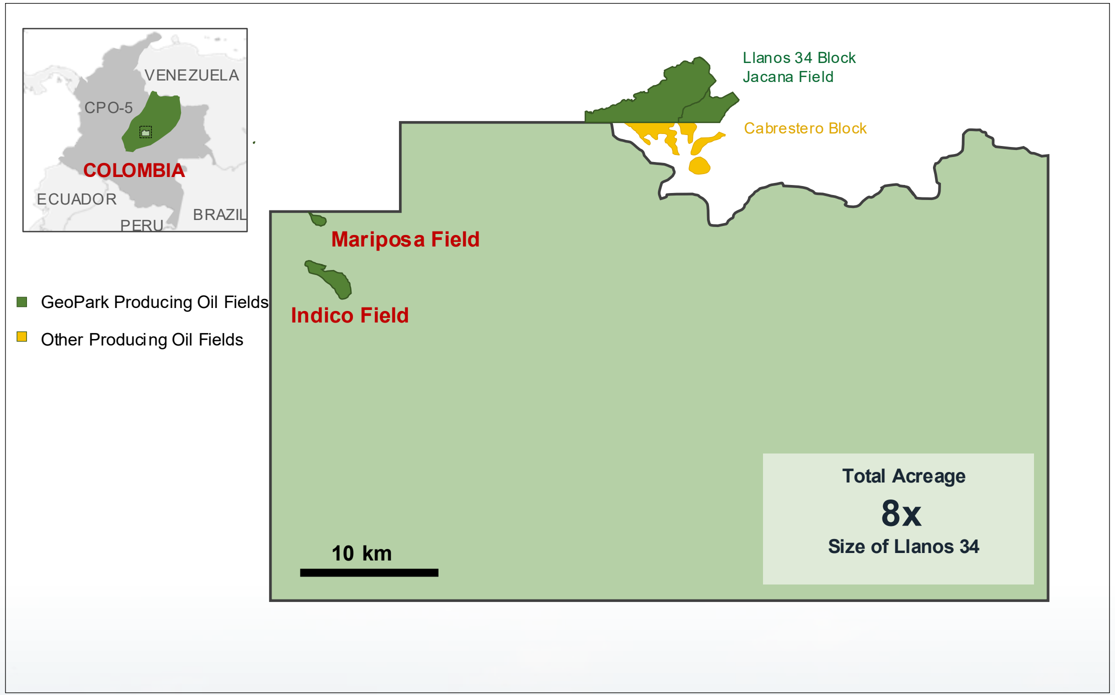
2026 UPCOMING CATALYSTS

- Addition of 5th workover rig
- 5 more polymer injection wells

2026-2028 FOCUS ACTIVITY

- CEOR Scale-Up Across Core Fields **(~30 polymer patterns)**
- Development & Appraisal activity focused on field extension potential **(~100 new wells)**
- Waterflooding and targeted infill drilling to enhance recovery **(60-70 water injectors wells)**

CPO-5: Strong Base Performance and Upcoming Exploration Activity



1Q2026 SUMMARY

6,132 Net Production BOEPD	91% Production efficiency	$10/BOE Opex

KEY HIGHLIGHTS

- Production 34% above plan
- Anticipated water breakthrough in three wells has not materialized

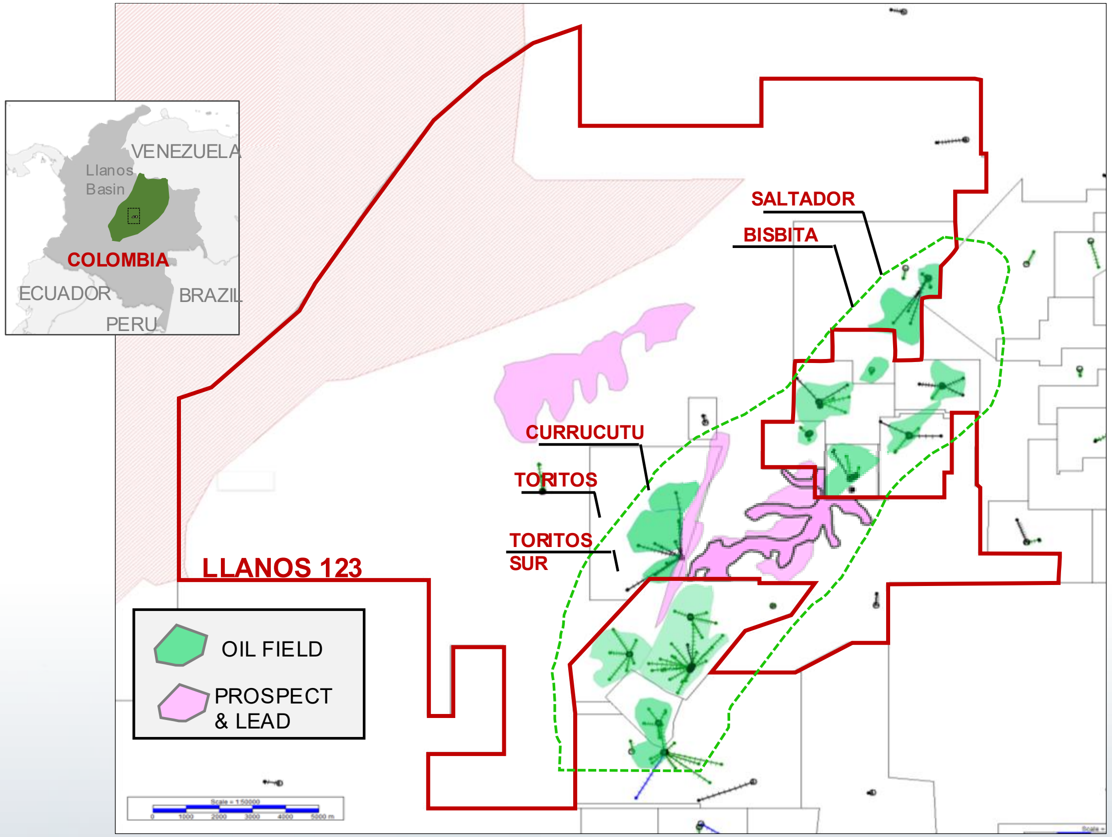
2026 UPCOMING CATALYSTS

- 2 Development wells in the CPH Field
- 3 Exploration wells

2026-2028 FOCUS ACTIVITY

- Progress CPH development to increase recovery
- Continue derisking exploratory projects

Llanos 123: From Discovery to >6,000 boepd gross in 2 Years



2Q2026 SUMMARY

3,171	98%	$10/BOE	2 well
Net Production BOEPD	Production efficiency	Opex	Drilled

KEY HIGHLIGHTS

- Production 7% above Plan
- 4 wells drilled and 1 workover YTD

2026 UPCOMING CATALYSTS

- 4 Development wells in the Toritos and Currucutu fields

2026-2028 FOCUS ACTIVITY

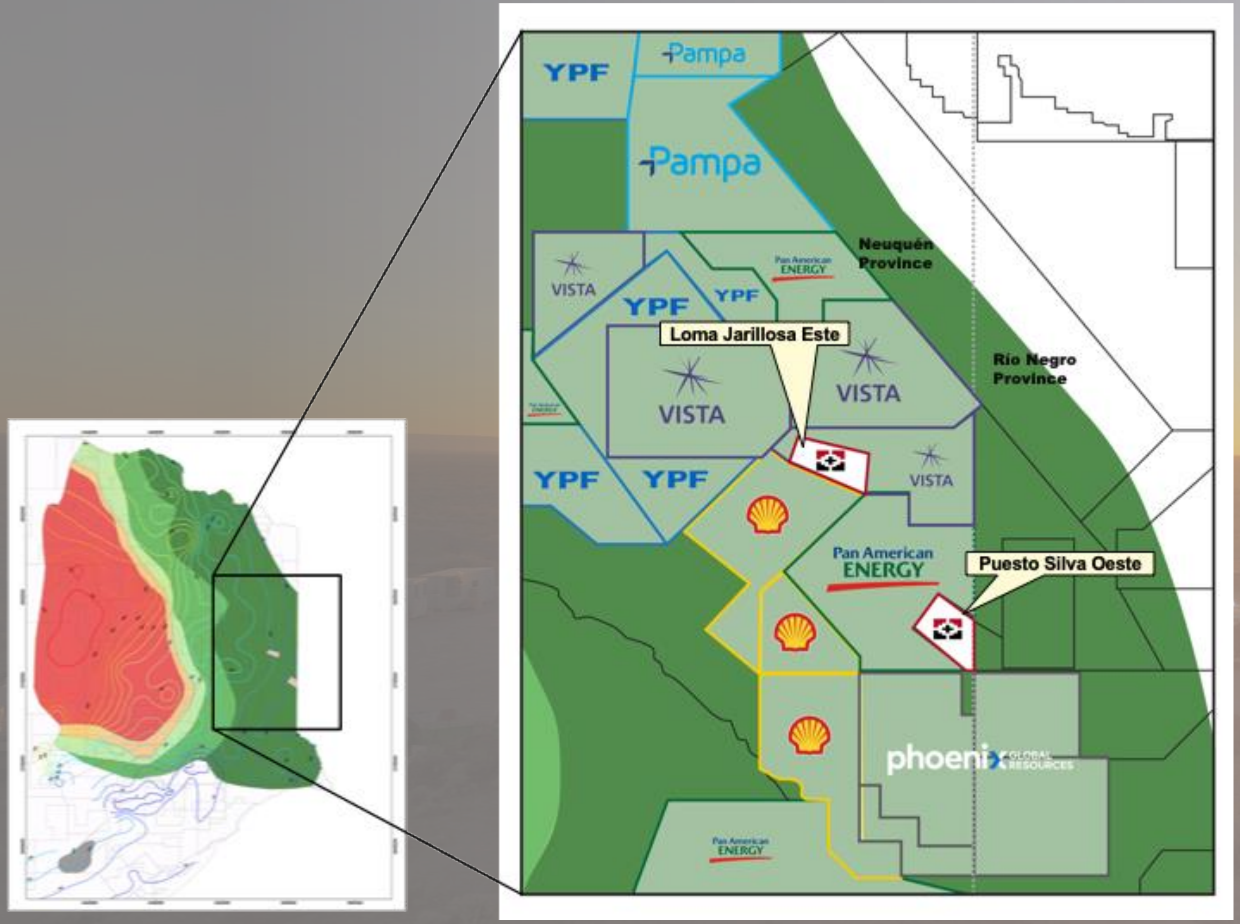
- Continue field development to enhance recovery
- Continue successful appraisal and near-field exploration drilling
- ~40 wells to be drilled (Development & Exploration)
- Reprocess asset seismic data
- Update static and dynamic models

GEOPARK

Returning to growth

Vaca Muerta

Vaca Muerta: Positioned in the Core of a World-Class Shale Play



PRIME ACREAGE IN THE CORE OIL WINDOW

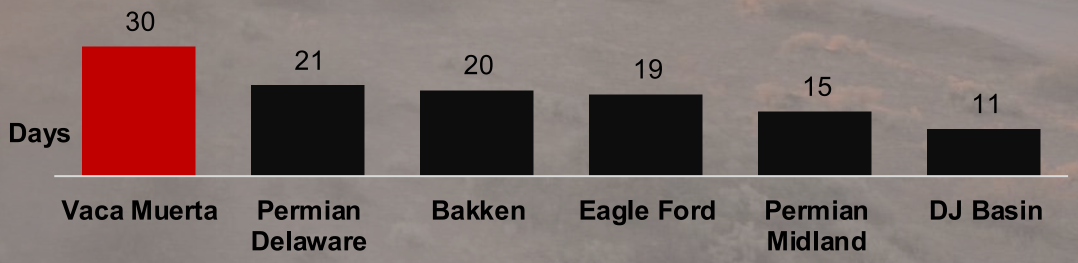
RESERVOIR QUALITY ON PAR WITH TOP-TIER ASSETS

STRONG EARLY RESULTS

STRATEGIC POSITION AMONG LEADING OPERATORS

INFRASTRUCTURE-READY FOR EFFICIENT SCALE-UP

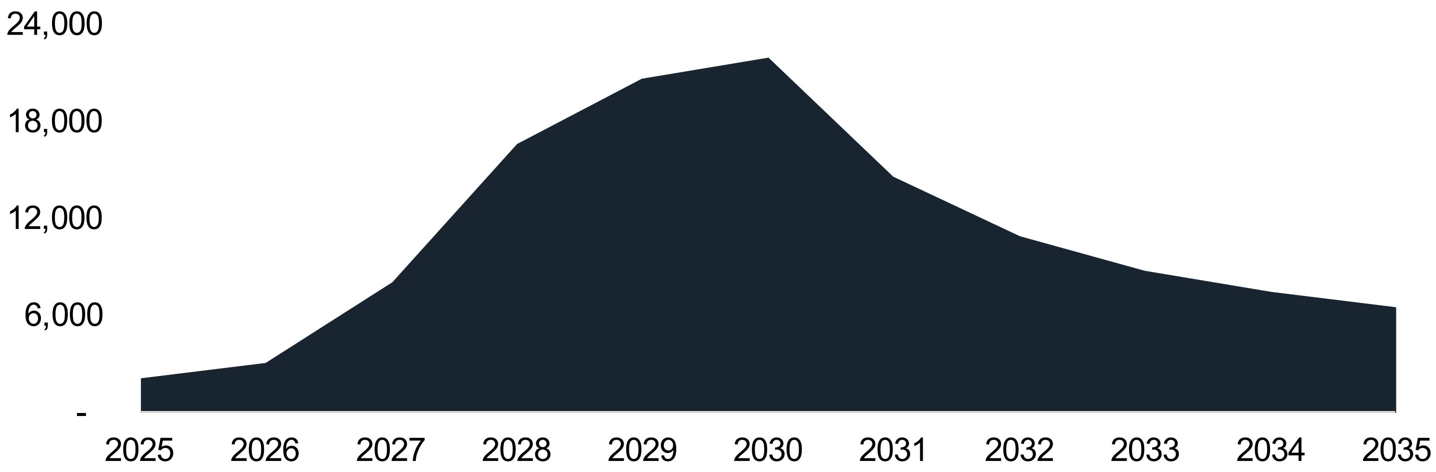
Best-in-class Average Well Productivity*
First 365 days cumulative production, Mbbl per 1,000 ft lateral



*Source: Rystad Energy ShaleWellCube | Normalized performance - Includes only horizontal oil wells starting production in 2021 and 2022.

Vaca Muerta: The Road to 20,000 boepd

Production (boepd)

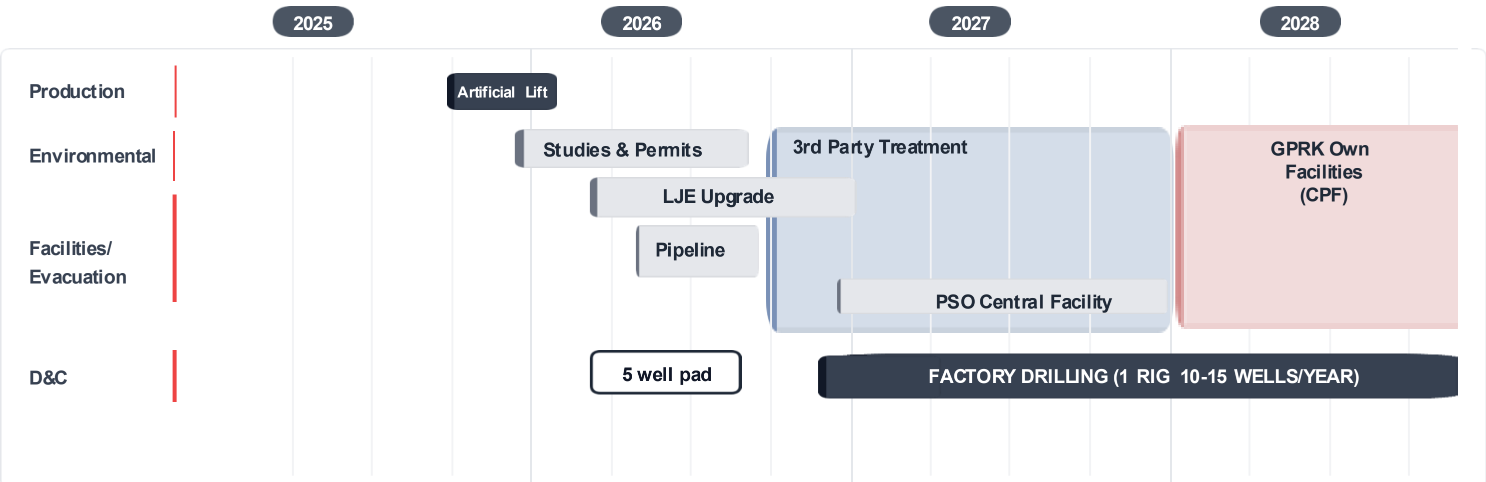


Single Rig
Program

50 - 55
Wells

~ 1 B
Total CAPEX

+ 20,000
Plateau



ADVANCES ON ALL FRONTS SINCE TAKEOVER

ACCELERATED DEVELOPMENT PLAN

- $55 million CAPEX YTD, primarily in drilling and completion, production facilities, infrastructure and workover operations
- Production on course to triple by end-2026
- RIGI application presented May 2026 for $1 B investment
- Environment permit secured for all future Loma Jarillosa drilling

DRILLING AND FRACKING UNDERWAY

- 180 stages fracked without incidents by end-2Q

RIG SECURED FOR FACTORY DRILLING

- 2026 drilling campaign completed in 1H2026
- 3-year agreement in place for dedicated drilling rig; first spud expected late 4Q2026

3RD PARTY TREATMENT AND EVACUATION CAPACITY

- Agreements in place for pipeline / trucking to third-party facilities and access to export routes through end-2027

Vaca Muerta: 2026 Upcoming Activity

2026 LOMA JARILLOSA ESTE MILESTONES

2Q26	3Q26	4Q26

Wells fracked (May-Jul)

Wells Put on Production (Aug-Sep)

Target Exit Production: 5,000-6,000 boepd

RIGI application submitted May 15, 2026. If approved, could materialize significant value upside

30 YEARS OF REGULATORY STABILITY

Income Tax from 35% **to 25%**	**Accelerated** asset depreciation	**0%** export duties after year 4

OPERATIONAL

- **EXPANDING LJE GATHERING FACILITY:** From 6,000 to 10,000 bopd. Progressing in line with plan, targeting start-up by end of 3Q
- **INTERCONNECTION PIPELINE** with third party facility: All material construction finalized. Hook up underway
- **WATER DISPOSAL:** completion and testing of disposal well during 3Q
- **FIRST INCREMENTAL PRODUCTION** from 2026 drilling campaign: expected 3Q2026

TREATMENT CAPACITY

- **CENTRAL PROCESSING FACILITIES (CPF):** Currently working on engineering and tendering of 20,000 bopd GeoPark-owned facilities to be built in Puesto Silva Oeste during 2027

PERMITS

- **2027 CAMPAIGN:** Submitted CPF environmental impact assessment and currently working on Puesto Silva Oeste drilling permits

Latin America is an Opportunity Rich Environment

GEOPARK APPROACH

GEOLOGY FIRST
Best basins, best rocks, best play types selected by G&G Team

SCALE WITH VALUE
Production and reserves with upside

GREAT ECONOMICS
Low breakevens, Short-cycle, value accretive

BALANCED PORTFOLIO
Different plays, basins, countries, fluid types

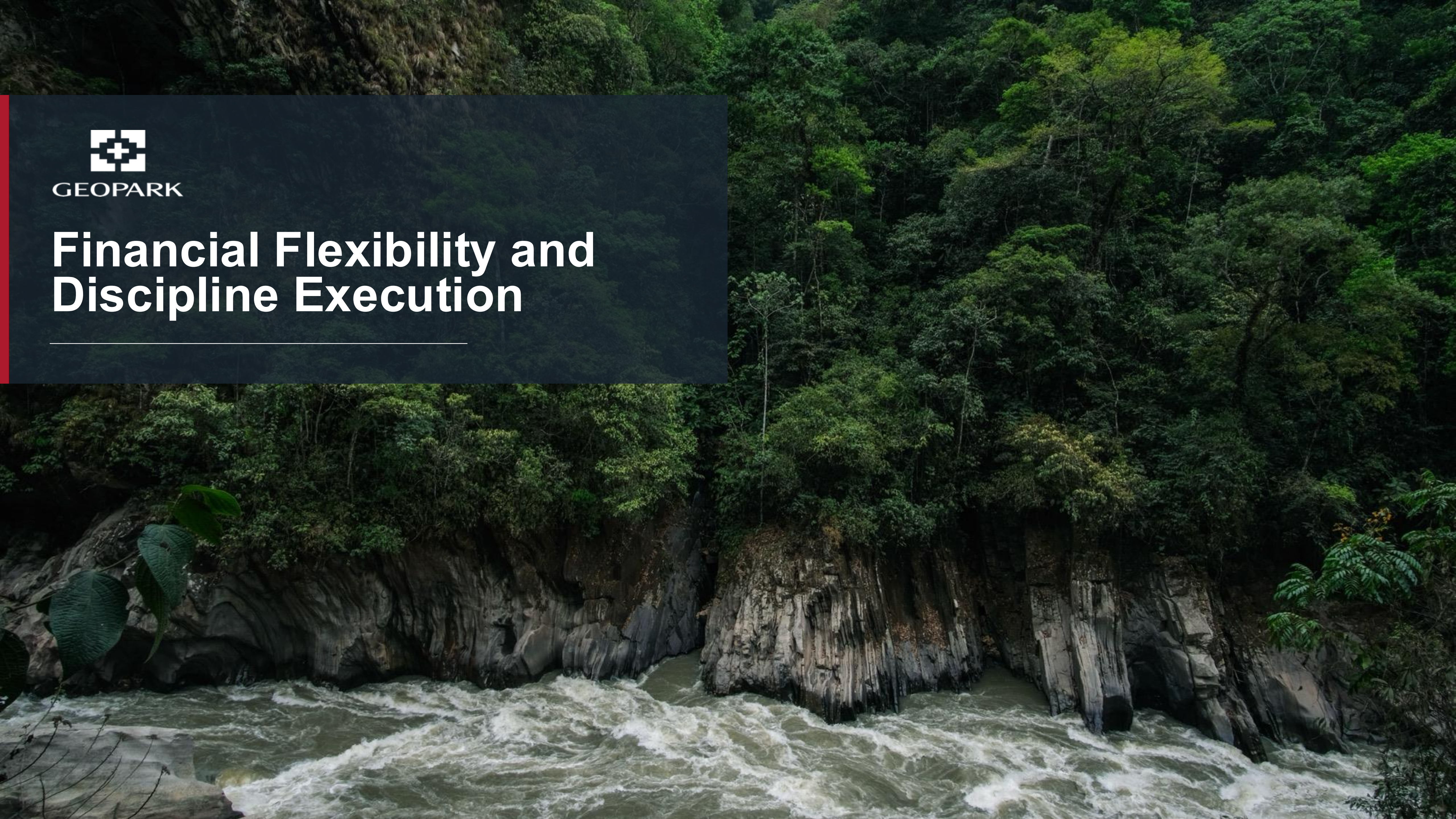
BIG PETROLEUM SYSTEMS
Conventional & unconventional, onshore

MULTIPLE OPPORTUNITIES

GeoPark targets attainable high-impact opportunities in Colombia, Argentina, and Venezuela.

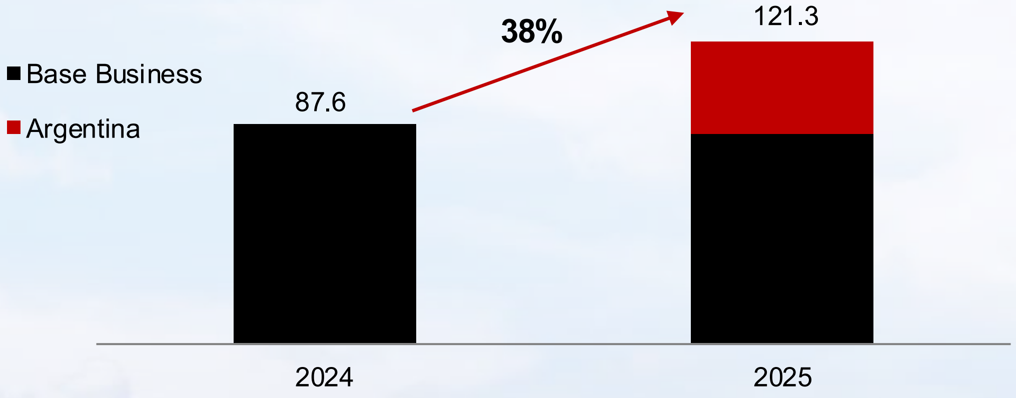
- Value accretive
- Achievable target scale
- Strengthen balance sheet and provide a platform for future growth
- Growth / upside / synergies

Financial Flexibility and Discipline Execution

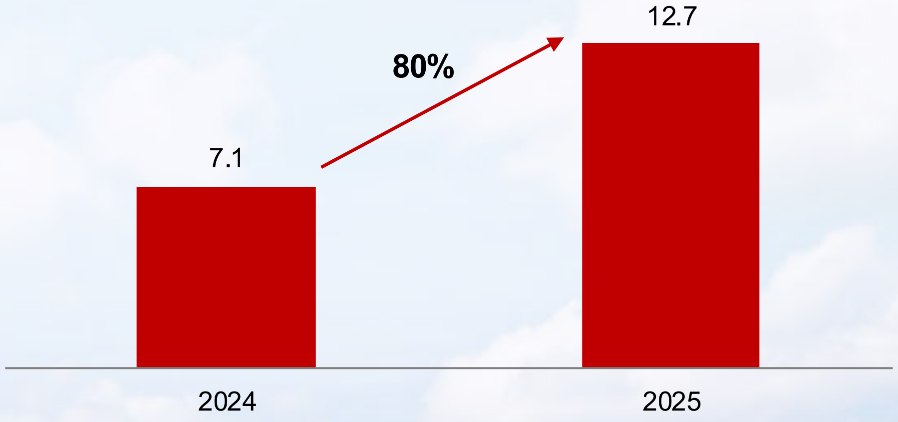


Step-Change in Reserves That Builds on Enduring Value

2P RESERVES (MMBOE)*



RESERVE LIFE INDEX (YEARS)*



KEY DRIVERS

Vaca Muerta
Acquisition now represents 30% of 2P Reserves

Llanos 34
Recovery optimization and execution

Llanos 123
New formations and recovery enhancements

CPO-5
Strong Indico well performance

NEW TECHNICAL AUDIT ON LLANOS 34
Original Oil In Place (OOIP): +206 MMBOE
Representing a 22% Increase
Certified by D&M

430%
2P RRR

$1.3 BN
2P NPV10

$15.8
2P NPV Per Share

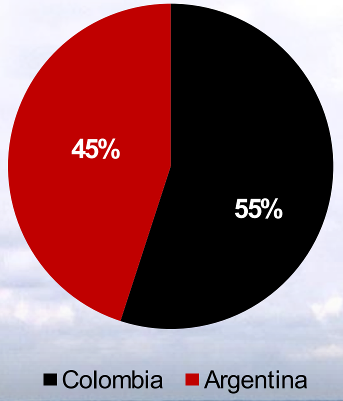
(*) 2025 DeGolyer and MacNaughton (D&M) Report.

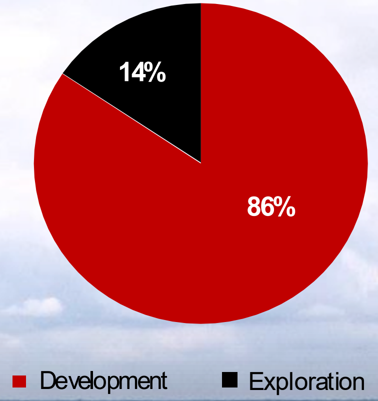
2026 Work Program and Medium-Term Guidelines

2026 WORK PROGRAM

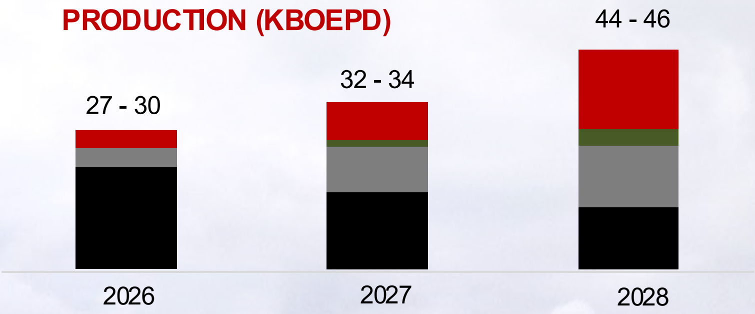
PRODUCTION	DRILLING WELLS	OPEX	CAPEX	EBITDA
27-30 KBOEPD	27-36 GROSS	$13-15/BOE	$190–220 MM	$220–300 MM

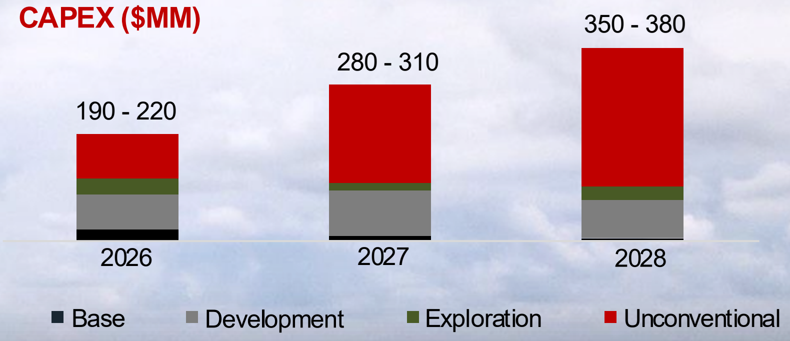
CAPEX BREAKDOWN





MEDIUM-TERM HIGHLIGHTS



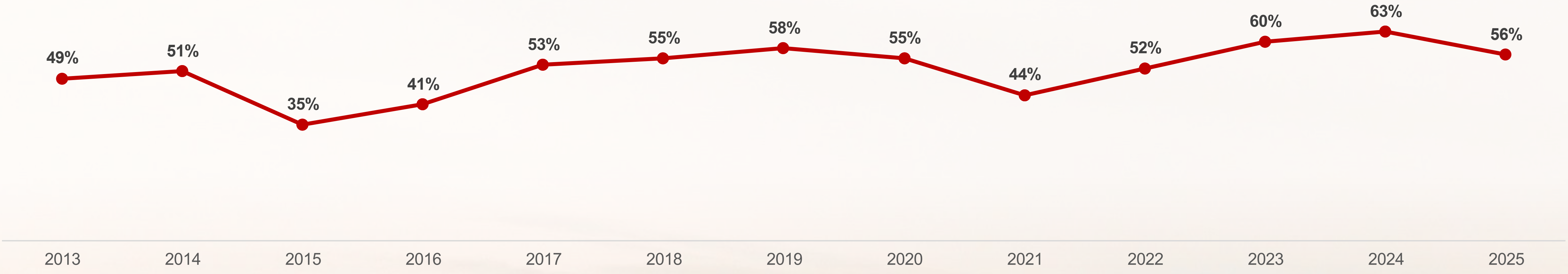


$11–13/BBL
Lifting Cost by 2028

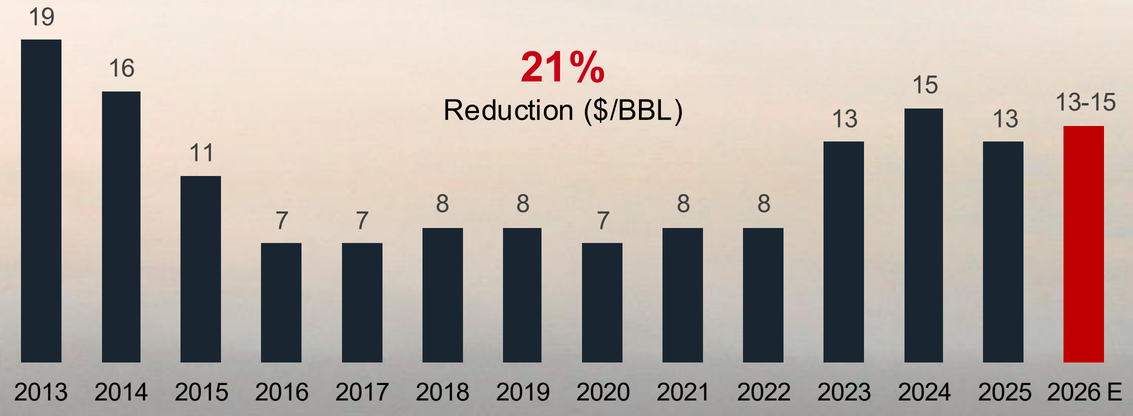
~$3/BBL
G&A by 2028

Profitable Operator

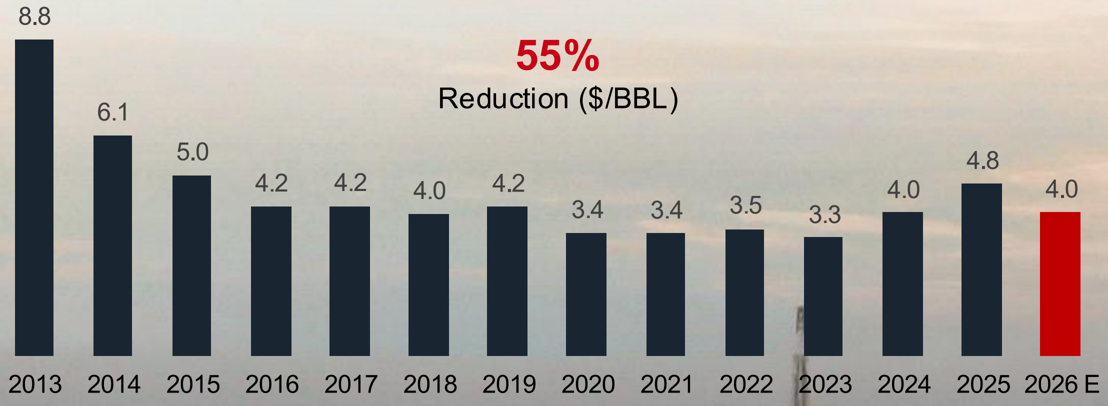
ADJUSTED EBITDA MARGIN



OPERATING COST PER BARREL SOLD

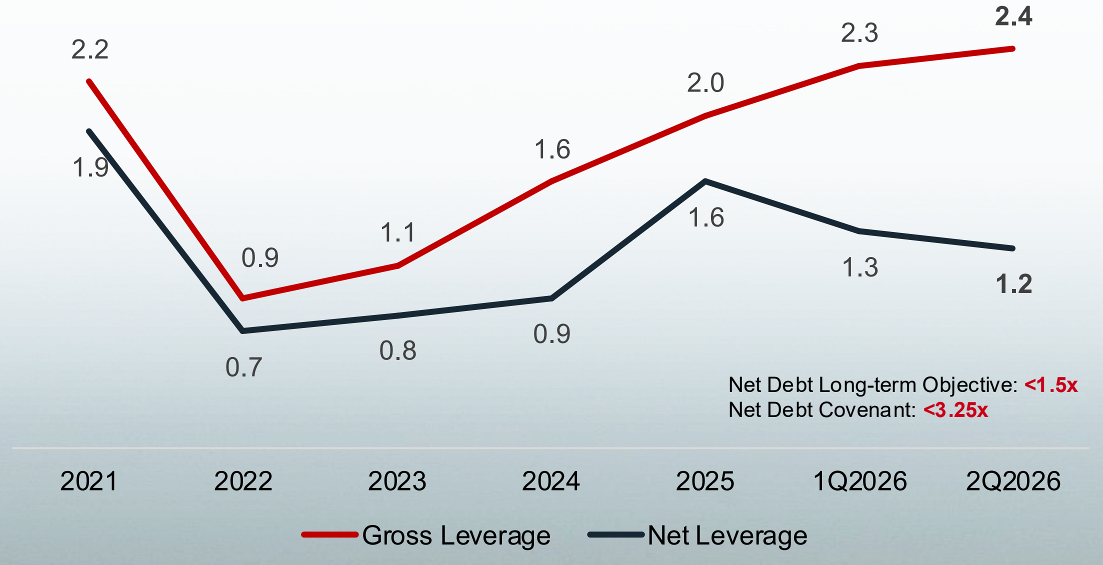


G&A PER BARREL



Strong Balance Sheet with Safety Nets in Place

GROSS AND NET LEVERAGE**



RESERVE LIFE EXCEEDS DEBT MATURITY

$316 MM
Cash
June 30, 2026

+ 300 MM
Committed Competitive and Flexible Financing

$500 MM Bond
No Significant Maturities Before 2030

$1.3 BN*
2P Net Present Value

* 2025 D&M certified 2P Reserves.
** Gross and Net Debt/Adjusted EBITDA (x)

Hedging Portfolio Update

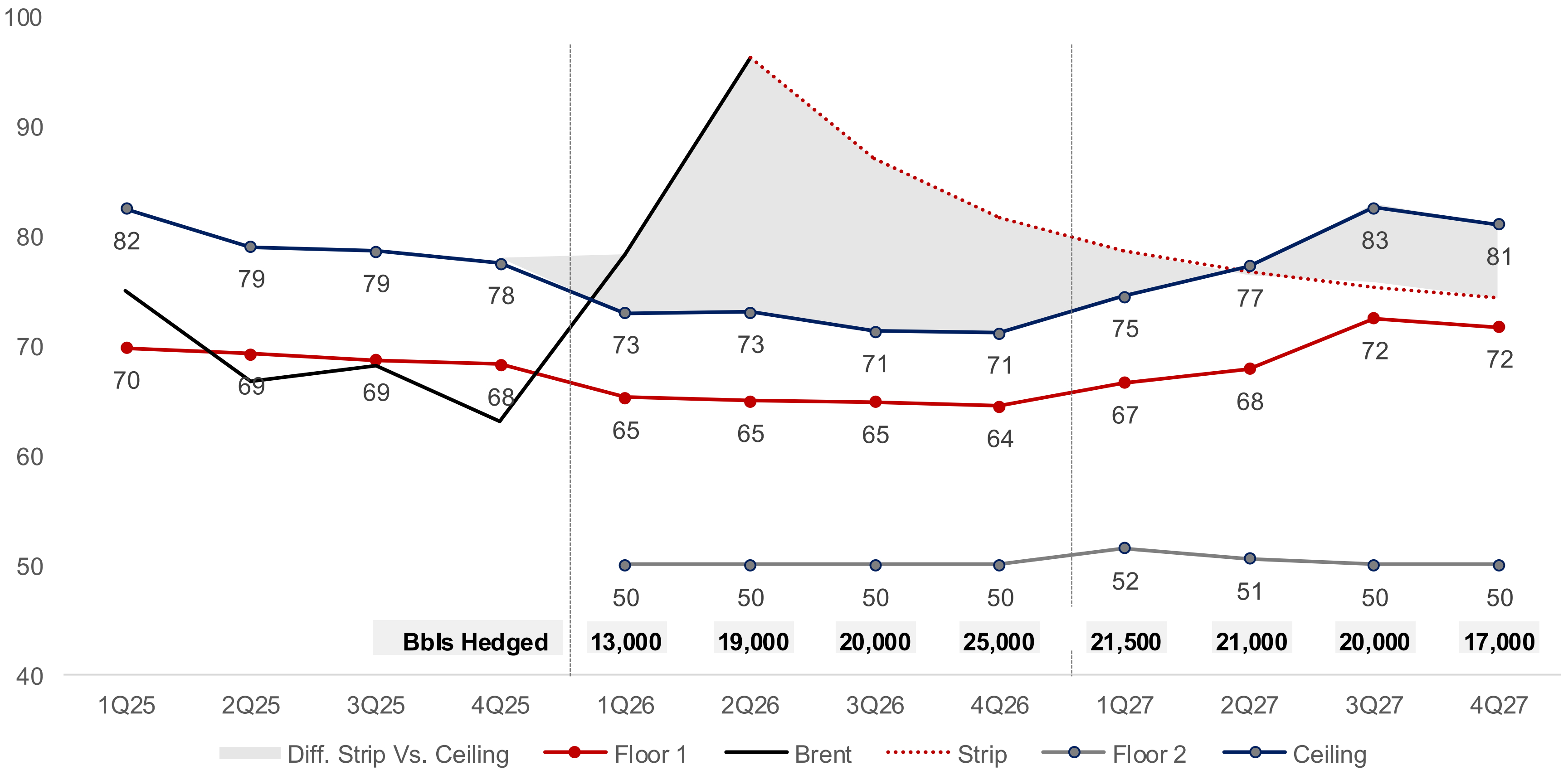
2006-2027

Proactive Hedging Program to Deliver Predictability

CLEAR GOALS	ROBUST METHODOLOGY	DISCIPLINED EXECUTION	TRACK RECORD
Protect Cash Flow	Risk-Adjusted Hedge Design	Structured and Layered Execution	Consistent Market Performance

LATEST DEVELOPMENTS

- Geopolitical-driven volatility has increased FY26 opportunity cost, expected to normalize through the year
- FY26 hedge portfolio supports planning and cash flow visibility
- For FY27, we are evaluating a broader mix of hedging instruments, including capless structures and potential portfolio restructurings



Emerging Upside Drivers for 2027 – 2028

Stronger Commodity Environment[1]

2026 Brent	~$87/bbl vs $60 - $70/bbl WP*
2027 Brent	~$75/bbl vs $70/bbl WP*
2028 Brent	~$70.5/bbl vs $70/bbl WP*

Accelerating Argentina Execution

2026 Exit Production	5.0 – 6.0 kbopd
Current Production	1,400 boepd (2Q26)
PAD-1030 Drilling	14.7 days

RIGI Economic Upside

Filing	May 15, 2026

Potential Benefits

- Fiscal stability
- Lower tax burden (from 35% to 25%)
- Accelerated depreciation
- Improved capital efficiency

Colombia Upside

LLANOS 34
CEOR & Polymer Expansion and Contract Extension Potential

LLANOS 123
Exploration & Appraisal Upside, Waterflood Expansion

CPO-5
Exploration and Development Upside

Stronger Production Trajectory

Higher EBITDA Potential

Improved Free Cash Flow Profile

Greater Strategic Flexibility

Enhanced Long-Term Value Creation

[1] Market consensus estimates among diversified top tier 25 counterparts, including banks, agencies and consulting firms.
* Work Program 2026 and Medium-Term Guidelines.

GEOPARK

SPEED

Since Day One

SPEED

Driving Sustainability Forward

STRONG GOVERNANCE AS A BUSINESS ENABLER

- Majority independent Board with balanced **6.0-year average tenure**
- Board independence standards exceeding applicable **regulatory requirements**
- Board and Committee **attendance** consistently above **95%**
- Voluntary governance policies on diversity, succession and **clawback provisions**
- Directors' availability supported by **limits on external board commitments**

CREATING VALUE FOR ALL STAKEHOLDERS

Milestone reached in GHG emissions intensity in 2025: a 35% reduction versus the baseline (2020)

ZERO oil spills for 3 consecutive years

12 circularity projects implemented, with savings of + US$2.3 million

+$10 million in socio-environmental investment in 2025 with +300,000 beneficiaries

FIRST Nature-Based Solutions (NBS) project to generate 7.2 million carbon credits

100% of our employees own Company shares

SYSTEMS ALIGNED WITH BEST PRACTICES AND STANDARDS

Environmental Management System certified under the ISO 14001:2015 international standard

Human Rights System aligned with the UN Guiding Principles on Business and Human Rights

Health & Safety Management System certified under the ISO 45001:2018 international standard

Included for the second time in the S&P Sustainability Yearbook and for the first time ranked in the top 10 of the Oil & Gas Upstream and Integrated sector

Dow Jones Sustainability Indexes

Participated for the fourth year in the DJSI Corporate Sustainability Assessment (CSA) and included for the fist time in the Dow Jones Best-in-Class MILA Pacific Alliance Index

MSCI

Scored 'AA' in the MSCI ESG ratings for the second consecutive year


GEOPARK
CREATING VALUE AND GIVING BACK