GEOPARK MANAGEMENT 20 PRESENTATION 22







Agenda

Twenty Years Building the Right Business & Culture

JAMES F. PARK, CEO & FOUNDER

Sustainable Growth Strategy

ANDRÉS OCAMPO, INCOMING CEO

Political Landscape & Social Impact

MARCELA VACA, GENERAL DIRECTOR

Best & Smartest Oil & Gas Finders

AUGUSTO ZUBILLAGA, CHIEF TECHNICAL OFFICER IGNACIO MAZARIEGOS, NEW BUSINESS DIRECTOR

Low Cost, Low Carbon & Safe Production

MARTÍN TERRADO, CHIEF OPERATING OFFICER

Disciplined Capital Allocation & Capital Structure

VERÓNICA DÁVILA, INCOMING CFO MARCELO IRIBARNE, CAPITAL MARKETS DIRECTOR

The Next Generation

ANDRÉS OCAMPO, INCOMING CEO

Q&A Session



Disclaimer A second of the control of the control

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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 including future capex, production growth and Adjusted Ebitda among other appear in a number of places in this presentation and include, but are not limited to, statements regarding our intent, belief or current expectations. 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, including, but not limited to, those identified in the "Forward-Looking Statements" and "Risk Factors" sections of the Preliminary Offering Memorandum for further information. 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.

Statements related to resources are deemed forward-looking statements as they involve the implied assessment, based on certain estimates and assumptions, 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; and 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 in Chile, Colombia, Brazil, Argentina and Ecuador as of December 31, 2021; is derived, in part, from the reports prepared by DeGolyer and MacNaughton, or D&M, independent reserves engineers. Certified reserves refers to net reserves independently evaluated by the petroleum consulting firm, D&M. The reserves estimates in the reports prepared by D&M were prepared in accordance with the definitions and guidelines set forth in the 2007 Petroleum Resource Management System Methodology (the "PRMS") approved by the Society of Petroleum Engineers, the World Petroleum Council, the American Association of Petroleum Geologists and the Society of Petroleum Evaluation Engineers. PRMS proved (1P) reserves 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 (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. Therefore, the 1P reserves estimates presented in this presentation may differ significantly from the 1P reserves estimates presented in our annual report for the year ended December 31, 2021.





40

35

30

25

20

15

10

5







Building the Right Team

Proven Team and Unique Culture



Proven Track Record 2009-2021

Oil and Gas Production: CAGR 16%



Leading Oil and Gas FindersDrilling Success Rate* 75%+ (2006 – 2021)



Low-Cost Operator

Operating and Structure Costs Per Barrel Below Peers



SPEED = ESG+

Leading Through The Energy Transition Neighbor of Choice



Total Shareholder Return

141% Over the Past 5 Years**

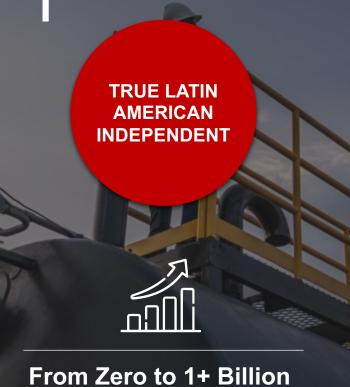


Net Average Daily Production (MBOED)

2022E







MARKET CAPITALIZATION**





4.6 MM

ACRES



4,600+ SQ KM 3D SEISMIC

DRILLED

ACQUIRED



400+ **GROSS WELLS**







420+ MMBOE OF **2P RESERVES**

100+

MMBOE NET







DISCOVERED

PRODUCED



VALUE CREATED*























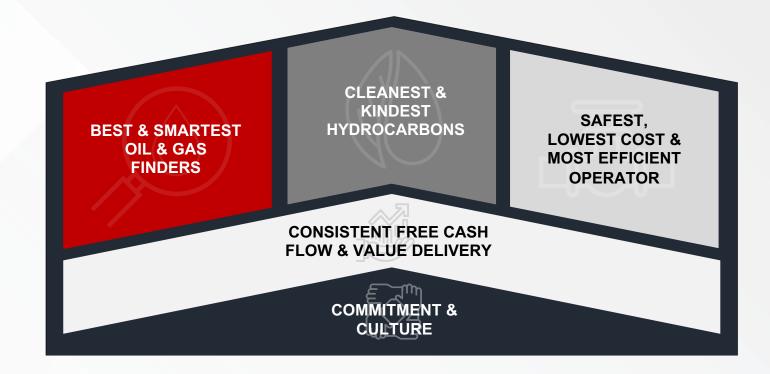






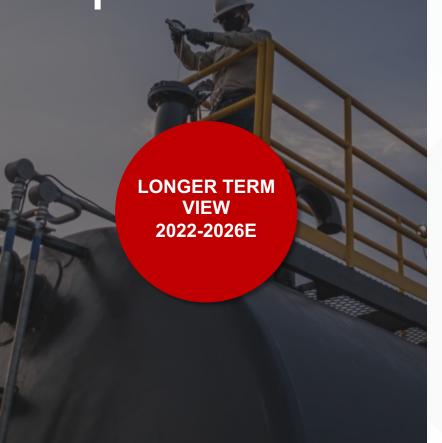


FULL CAPABILITIES ACROSS THE E&P VALUE CHAIN





Base Business Performance & Delivery with Big Upside Potential



5 YEAR HIGH GROWTH PLAN IN PLACE (2022-2026E)



~10%

CAGR PRODUCTION GROWTH POTENTIAL



~\$750-800 MM

DEVELOPMENT & EXPLORATION CAPEX



180-200 Gross wells

DEVELOPMENT & EXPLORATORY



700-800 MMBOE

GROSS UNRISKED EXPLORATION RESOURCES*

UNRISKED EXPLORATION UPSIDE & INORGANIC

~10% CAGR

PRODUCTION GROWTH
THROUGH RISKED
EXPLORATION IN CORE
BASINS

~100,000 boepd

~55,000-60,000* boepd STRONG ORGANIC GROWTH POTENTIAL*

2022-2026E

~\$3 Billion

~3.5x
CURRENT
MARKET CAP*

2021

35,465

boepd

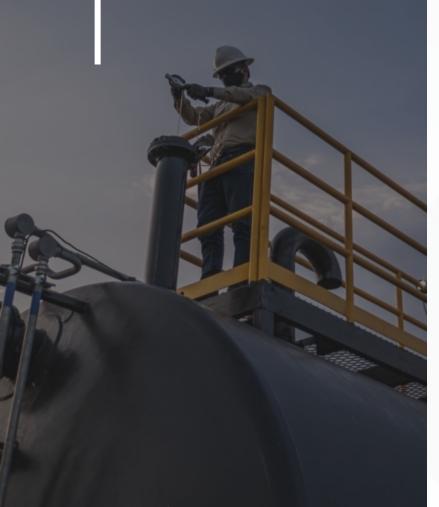
(Excluding Argentina)

2026E

* These are projections and not a guarantee of future performance. Cash Flow refers to Adjusted EBITDA less CAPEX, assuming Brent oil price futures curve as of June 16, 2022 for 2023 onwards. Market cap refers to June 16, 2022. Gross exploration resources are aggregate Mean unrisked recoverable oil volumes in leads and prospects individually audited by Gaffney & Cline as of December 31, 2020, excluding leads and prospects drilled in 2021 and 2022.



Energy Transition and ESG Focus



FAST, IMMEDIATE & AGGRESSIVE PLAN IN PLACE*

SHORT-TERM

MEDIUM-TERM

LONG-TERM

35-40%

40-60%

Net Zero

Emissions intensity reduction** by **2025 or sooner**

Emissions intensity reduction** by **2025-2030**

Emissions by 2050**

KEY PROJECTS



Oleoducto del Casanare-ODCA (100% completed)



Subsoil and Surface Optimization Projects (Jacana 95% completed)



Electrification of Llanos 34 (89% completed***)



Energy Efficiency (Platanillo 90% completed)

*** Interconnected Tua & Jacana Fields.



Solar Photovoltaic Plant (83% completed)



Reforestation & Afforestation (Long-Term)







752,100 BOPDAverage Daily Production



363 KBPD
Refining Capacity



\$2+ BILLIONProven Oil Reserves



7.6 YEARS

1P Reserve Life Index

DECISIVE SECTOR OF THE ECONOMY



\$6.9 BILLION Government Revenue (12%)



\$13.5 BILLION (~33%) Exports



3.3% of GDP



\$3+ BILLION

Expected

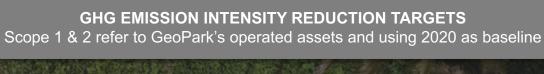
E&P Investment

2022



\$800 MILLION

Foreign Direct
Investment



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Cleanest & Kindest Hydrocarbons

SHORT-TERM

35-40%

Emissions intensity reduction by **2025 or sooner**

MEDIUM-TERM

40-60%

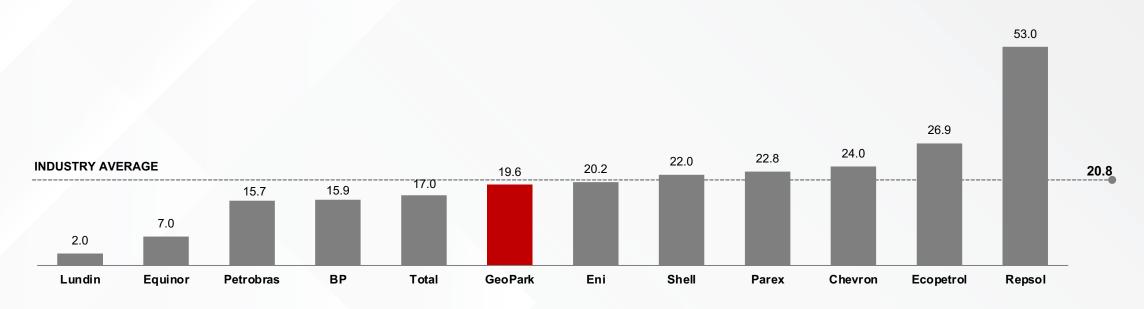
Emissions intensity reduction by **2025-2030**

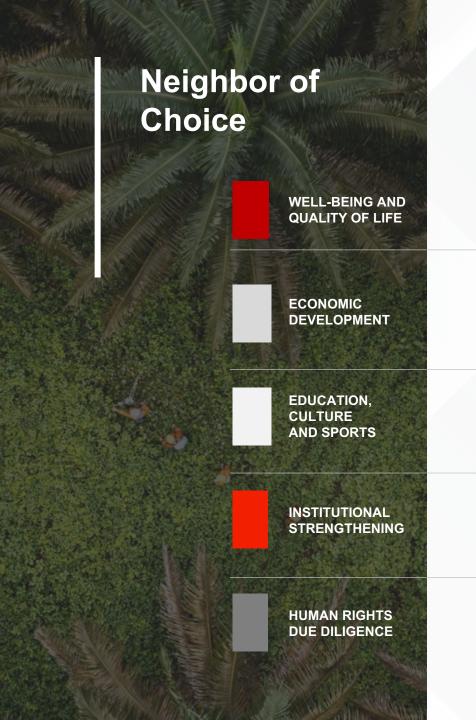
LONG-TERM

Net Zero

Emissions by 2050

UPSTREAM CARBON EMISSION INTENSITY (KgCO₂E/BOE)*







\$6.1 MM COMMITED IN SOCIAL & ENVIRONMENTAL PROGRAMS 2021

86% INVESTMENT IN RURAL AREAS BENEFITING 288K+ PEOPLE

89% LOCAL HIRING

\$59 MM GOOD & SERVICES ACQUIRED FROM LOCAL SUPPLIERS

36 PROJECTS

16K+ BENEFICIARIES

37 PROJECTS

38K+ BENEFICIARIES

91% ISSUES RESOLVED BY 'CUÉNTAME'





Highest Governance Standards

CULTURE OF ETHICS AND COMPLIANCE

- Ethics Line
- Compliance Risk Matrix: Corruption,
 Fraud, Money Laundering, Financing of
 Terrorism
- Anti-Bribery, Corruption, Sponsorship and Donations Commitment
- Extractive Industries Transparency
 Initiative (EITI)



FEMALE CHAIR
MAJORITY INDEPENDENT
DIRECTORS



DIRECTOR OVERBOARDING POLICY



KEY COMMITTEES 100% INDEPENDENT

Audit, Nomination & Corporate Governance, and Compensation Committees



CHANGE OF INDEPENDENT AUDITORS IN 2020



ALL COMMITTEES CHAIRED
BY INDEPENDENT DIRECTORS



NEW HUMAN RIGHTS POLICY



ROBUST COMMITTEE CHARTERS



ONE SHARE CLASS







OUR SECRET SAUCE

INVESTING IN OUR PEOPLE - ALWAYS



CULTURE! OWNERSHIP!

100% Employees are Shareholders

42%

Senior Management are Women

33

Training Hours per Employee

83%

Professional Team

42%

Post-graduate Completed

8 Nationalities





SUCCESSFULLY PROMOTING INTERNAL TALENT





Leading Oil & **Gas Finding** Team

THE POWER OF THE TEAM

75%+ DRILLING SUCCESS RATE*

> 400+ Wells drilled (2006-2021)

420+ **MMBOE GROSS** 2006-2021

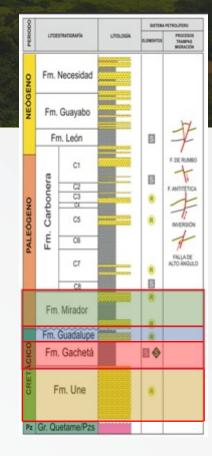
BARRELS DISCOVERED (2P)

OUTSTANDING TRACK RECORD OF FINDING HYDROCARBONS Production 38.6 MBOED** 74% **Coming from Barrels** 77% 159 MMBOE*** 2P Reserves **Discovered by GeoPark** 81% \$2.3 BN*** 2P NPV



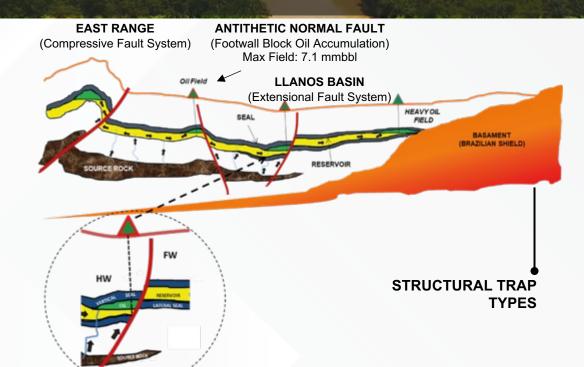
Introducing New Ideas to the Llanos Basin

STRATIGRAPHIC COLUMN



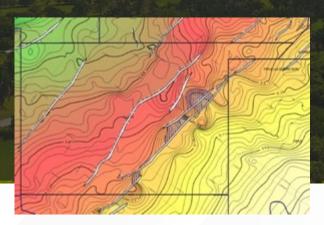
LOCATION



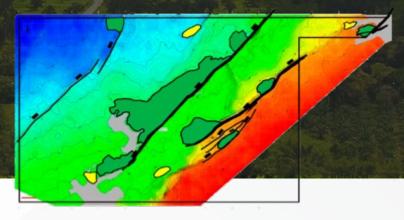




Llanos 34: Largest Discovery in 20+ Years



2012 NEW IDEAS & FIRST OIL



2014-2015 BIG TIGANA & JACANA DISCOVERIES



2016-2022 NEW DISCOVERIES + DELINEATION

LEADING SUBSURFACE AND PROJECT EXECUTION CAPABILITIES

KEY FEATURES

0.8-1 BN

Barrel Original Oil in Place

148 MM

Gross Barrels Produced (2012 To Date) 13

Oil Fields Discovered



Tigana & Jacana
Ranked Within Top 10
Producing Oil Fields in
Colombia



Multiyear Exploration Inventory In Colombia

LOW RISK EXPLORATION PORTFOLIO TO SUSTAIN FUTURE GROWTH



0.9-1.8

BN BOE GROSS (UNRISKED) BN BOE NET (UNRISKED)

0.4 - 0.8

EXPLORATION INVENTORY IN LLANOS & PUTUMAYO/ ORIENTE

LLANOS BASIN PUTUMAYO / ORIENTE # Estimated Gross Projects (Leads & Prospects) 62 30 Gross Exploration Resources - Unrisked (MMBOE) 600-1,250 280-580 Net Exploration Resources - Unrisked (MMBOE) 220-450 150-320 Resource Size per Project - Unrisked (MMBOE) 10-20 9-20 Chance of Success (%) 15-45 20-45 1-3 Spud to First Oil (Months) 2-4 5-12 # Project Execution (Per year) 2-5

RISK

SIZE

EXECUTION

Llanos Basin Exploration Inventory

Llanos 87
Llanos 123
Llanos 124
Llanos 94

CPO-5

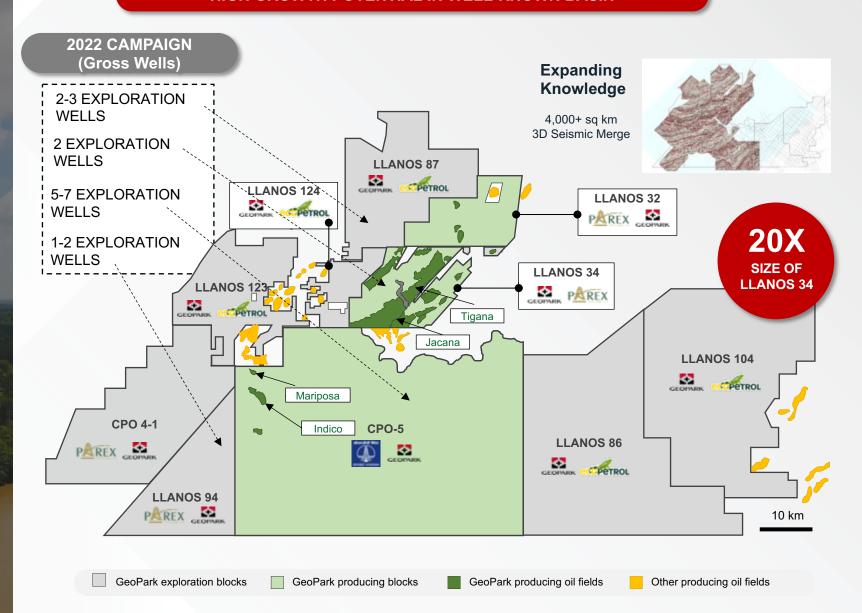
O.2-O.4*
BILLION BOE
GROSS
(UNRISKED)

O.4-O.8*
BILLION BOE
GROSS
(UNRISKED)

* Exploration resources correspond to GeoPark's aggregate Mean-P10 unrisked recoverable oil volumes in leads and prospects individually audited by Gaffney & Cline as of December 31, 2020, excluding leads and prospects drilled in 2021 and 2022.

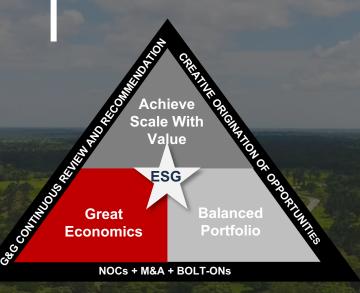
HIGH GROWTH POTENTIAL IN WELL-KNOWN BASIN

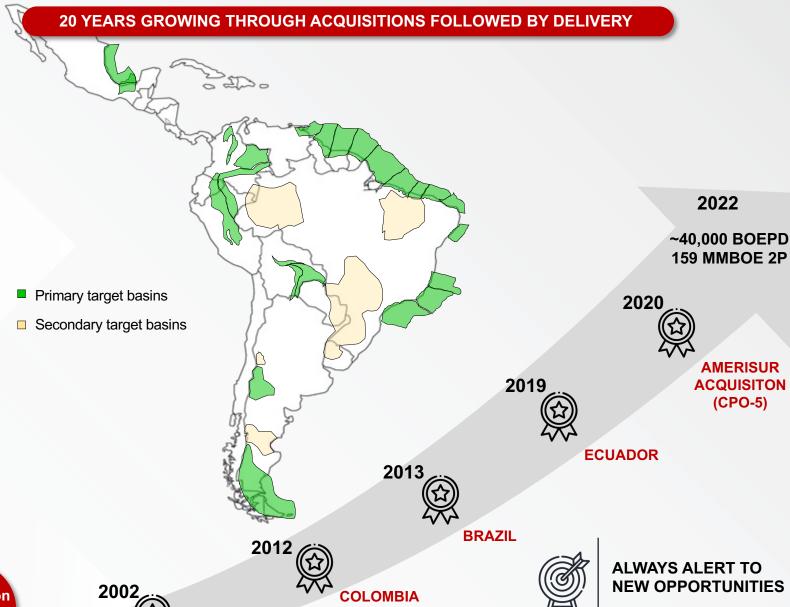




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Scale With Value





CHILE & ARGENTINA

Zero
Production
and
Reserves

24

Amerisur Case Study

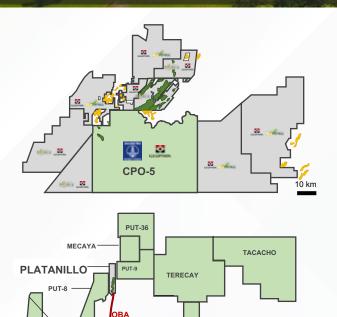
INVESTMENT THESIS

0

- 1. Consolidate most attractive acreage on trend of Llanos 34 with high production fields and big exploration upside
- 2. Gain access to Putumayo with existing infrastructure and carried exploration for \$93 MM
- 3. Financial and operational synergies in Colombia

ACQUISITION (2020)

Net Consideration: \$272 MM



COATI

HIGH STEADY PRODUCTION OF LIGHT OIL*

Initial Production Rate (BOPD)

Avg. EUR per Well* (MMBBL)

Oil Gravity (°API)

4,000 - 6,000

5 - 6

35-40

WORLD-CLASS ECONOMICS*

Breakeven (\$/BBL) IRR per Well** Payback per Well**

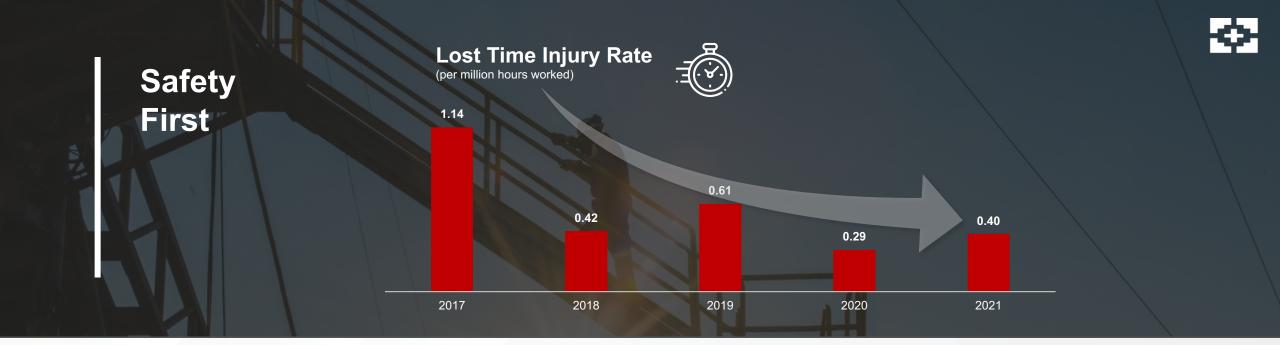
Vasconia % Months

<10 >500 2-3

PERFORMANCE TO DATE

- · Successful takeover in 3 months
- Full repayment expected by end of 2023
- Increased 2P reserves 109% in CPO-5
- \$150 MM Net Cash Flow from reserves ('20-'22e)
- Fully-funded by production







0.05 BBL

of oil spilled per million barrel produced



COVID-19 RESPONSE

- First Oil & Gas Company to Receive Bureau Veritas Certification
- COVID-19 Committee: prevention, mitigation and care measures





ZERO fatal incidents



0.23 MVCR*

Recordable incidents per million kilometers



Proven **Operator**

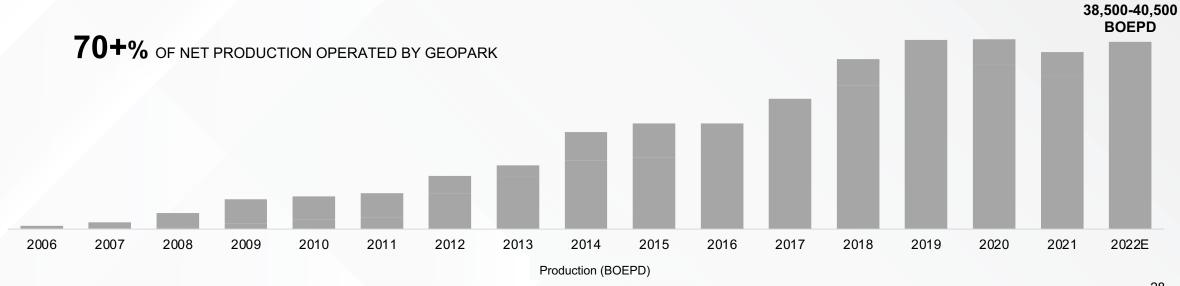
60,000+ **BOEPD GROSS OPERATED PRODUCTION**

100+ MM **NET BOE PRODUCED**

2006-2021



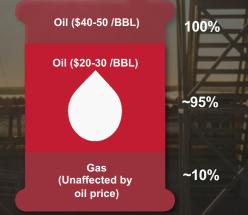
ZERO TO 40,000 BOEPD PRODUCTION GROWTH (2006-2022E)



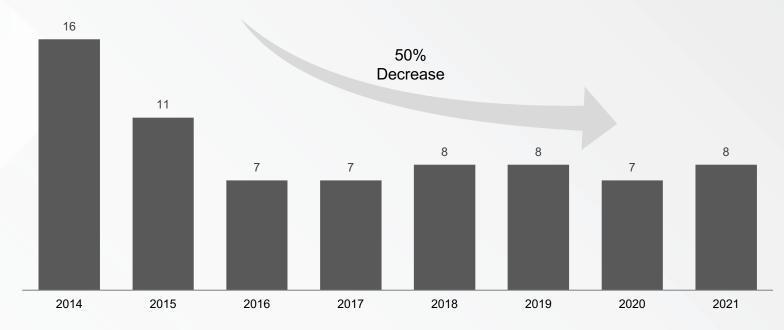


Cost Efficiencies Achieved & Maintained

~95% OF PRODUCTION IS CASH FLOW POSITIVE AT \$20-30 BRENT



OPERATING COSTS DOWN 50% (\$/BOE)





Sustainable Cost Reductions

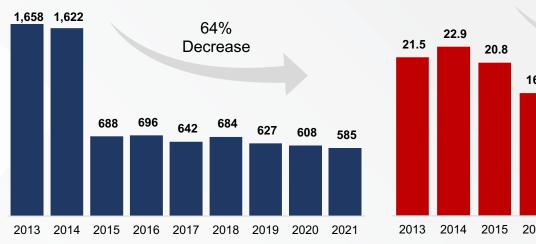
Fastest, Most Efficient & Lowest Cost Driller in Colombia Llanos 34 in Review 617,000+ **Meters Drilled** (2012-2022YTD)

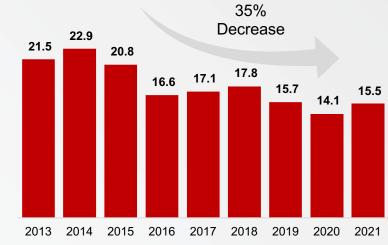


LOW-COST CHAMPION

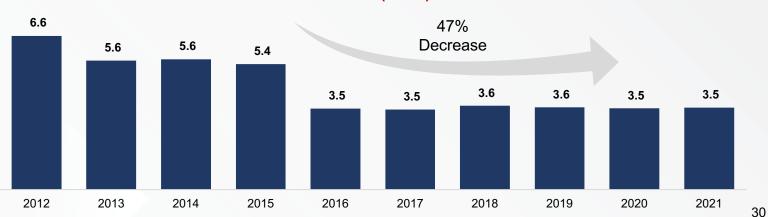
USD PER METER DRILLED*

AVERAGE DRILLING DAYS PER WELL*





DRILLING AND COMPLETION COST PER WELL (\$ MM)*



^{*} All drilling information corresponds to two-section wells.

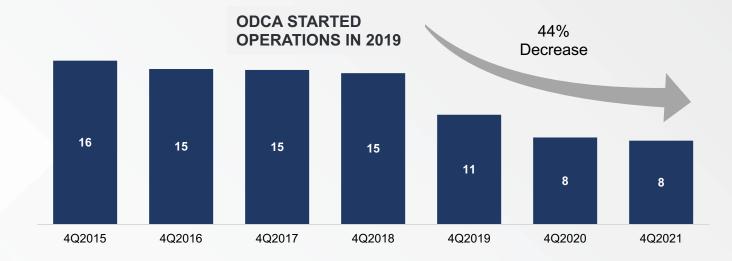
Transport Cost Savings in Colombia



ODCA connects Llanos 34 with ODL Pipeline



COMMERCIAL & TRANSPORTATION DISCOUNTS (\$/BBL)



KEY PROJECT: OLEODUCTO DE CASANARE (ODCA)



~\$1.5/BBL

TIGANA CONNECTION **COST SAVINGS**



80,000 BOPD

TRANSPORTATION CAPACITY



\$16 MM

CAPEX (GPRK WI)

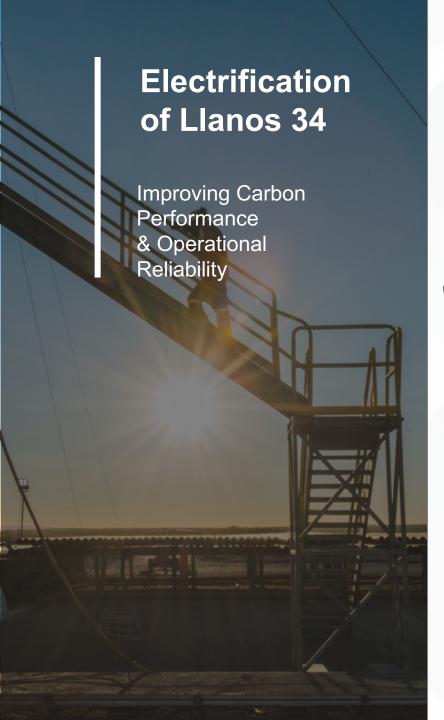


39 MM

GROSS BARRELS TRANSPORTED TO DATE ~59,000 BOPD (\$ **CURRENT FLOW**



<2 YEARS **PAYBACK**





KEY METRICS

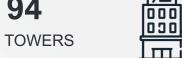


37 KM

LINE **EXTENSION**



94



2 SUB-STATIONS

TIGANA/JACANA



68 MW

TRANSMISSION CAPACITY



115 KV

VOLTAGE



100,000 TONS/YEAR LOWER EMISSIONS

EXECUTION TIMELINE



May 2022 **July 2022**

INTERCONNECTED **TUA AND JACANA FIELDS**

INTERCONNECTING **TIGANA FIELD**

INTERCONNECTION **FULLY OPERATIONAL**

2H2022





Llanos 34: A World Class Asset

GeoPark Operated, 45% WI

WELL ECONOMICS

Cost per Well \$3.5 MM EUR/Well 1-2 MMBBL 500-1,000 BOPD **IP Rate** IRR**** 100-300% Payback**** 4-12 Months 2P Drilling Locations***** 68 Gross Wells



KEY METRICS



58,818 **GROSS BOPD** (1Q2022)



~\$5.5/BBL





<\$20/BBL

BREAKEVENS*



95% **PRODUCTION EFFICIENCY****



11.5 YEARS

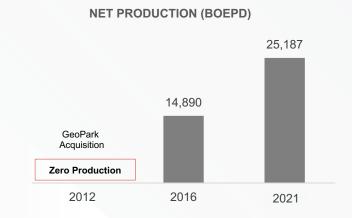
2P RESERVE LIFE INDEX***



17.4 KgCO₂E/BOE

LOW EMISSIONS

NET PRODUCTION AND RESERVES GROWTH



106 65 GeoPark Acquisition Zero Reserves 2012 2016 2021

NET 2P RESERVES* (MMBBL)**

33

CPO-5: Unlocking the Upside

GeoPark Non-operated, 30% WI

INDICO-2 WELL ECONOMICS

Cost per Well ~\$8.0 MM

EUR/Well 5-6 MMBBL

IP Rate 5,500 BOPD

IRR*** 500+%

Payback*** 2-3 Months



KEY METRICS



20,148GROSS BOPD (April-May 2022)



~\$3/BBL
OPERATING
COSTS



<\$10/BBL BREAKEVENS*



5PRODUCING
WELLS (May 2022)



14.7 YEARS

2P RESERVE LIFE INDEX**

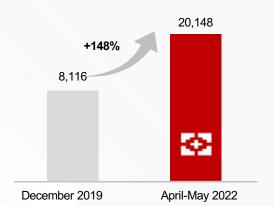


~8,000

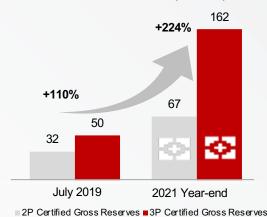
GROSS BOPD ADDED IN 2022YTD

PRODUCTION & RESERVE GROWTH SINCE ACQUISITION

GROSS PRODUCTION (BOPD)



GROSS RESERVES (MMBBL)



34



Innovation: Do it Efficiently, Do it Better











Increase Production Optimize Processes Reduce Costs Mitigate Risks Reduce Carbon Footprint

FOCUS

SOLUTIONS ORIENTED OPERATOR



60+

Projects (2021-2022YTD)



120+

People Involved

RESULTS



Training Workshops



Strategic Partnerships



Acknowledgements & Awards



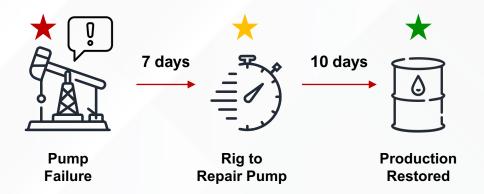
Innovation Case Study: Predicting Pump Failure



INDUSTRY STANDARD: REACTIVE PUMP REPAIR



INNOVATIVE SOLUTION: AI TO PREDICT FAILURES



Pump Failure Alarm

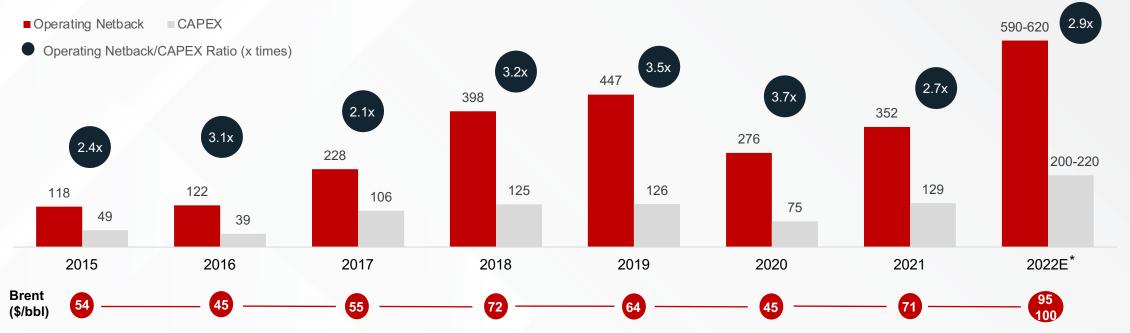
Pump Rig to Repair Pump Restored

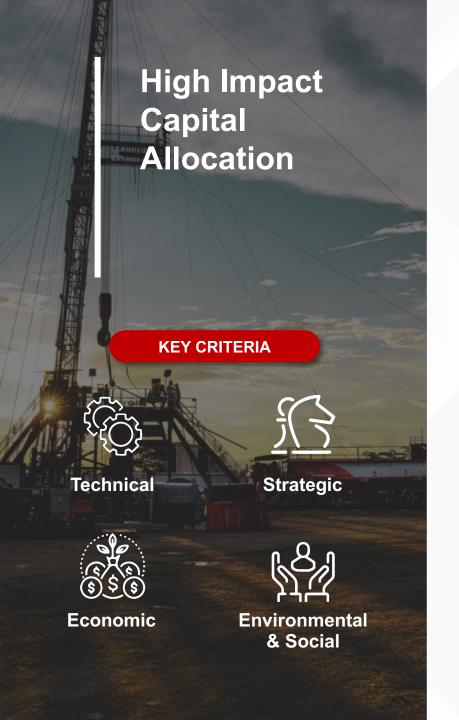
- Opportunity to Reduce Days Until Production is Restored
- Oil Volume Loss is Approximately 400,000 BBL oil/year (gross)
- Opportunity to Create Value for nearly \$20 MM (at current Brent Prices)

- Platform With Real Time Alarms (7 days Reduction)
- Status: Proof of Concept In 2021
- Implementing Full Scale in 2022



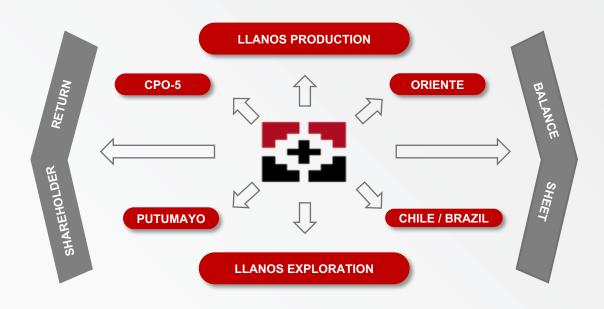








ASSET-BASED CAPITAL ALLOCATION

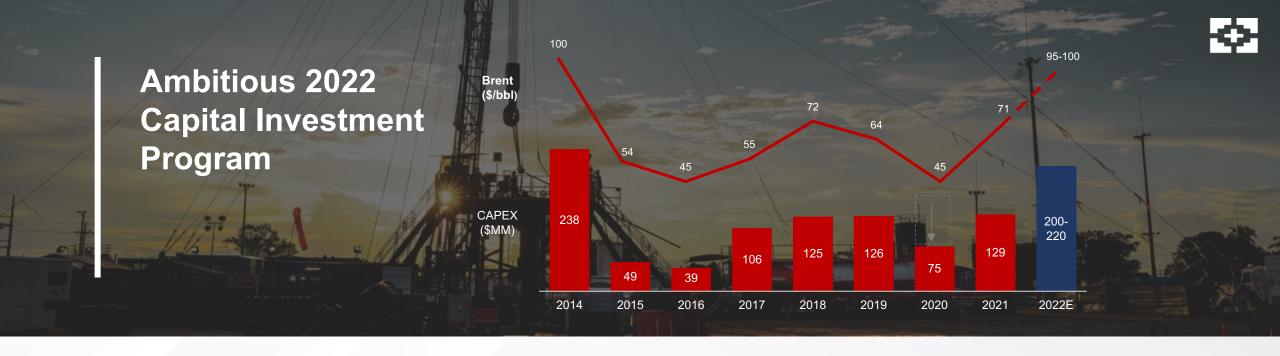


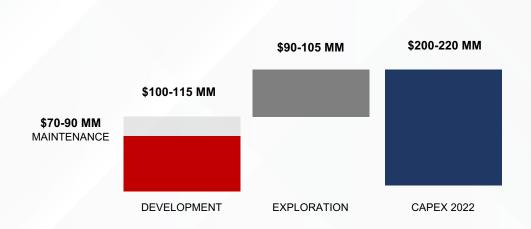


ALLOCATING CAPITAL TO HIGHEST RANKING PROJECTS



SELF-FUNDED AND FLEXIBLE WORK PROGRAMS





2022 WORK PROGRAM HIGHLIGHTS



~10%

PRODUCTION GROWTH*



45-50%

EXPLORATION CAPEX



50-55

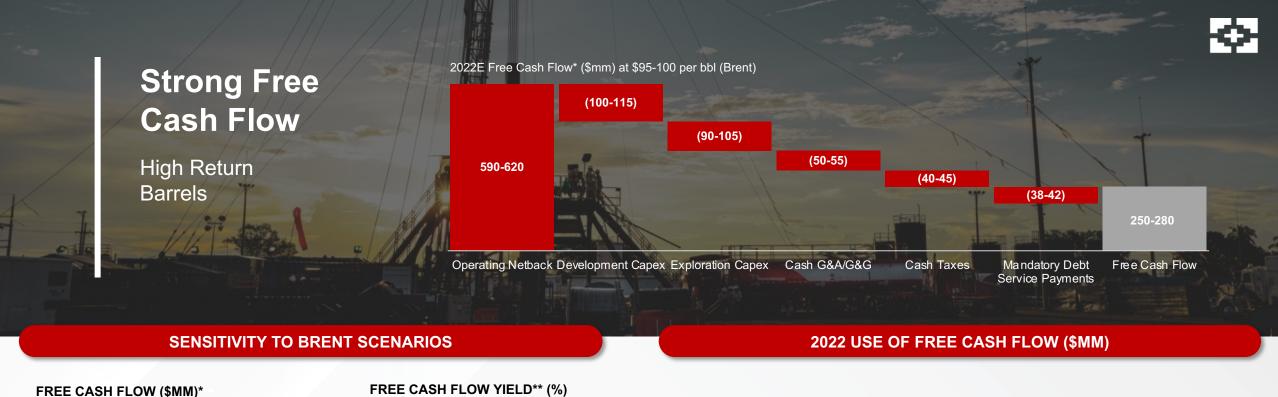
GROSS WELLS

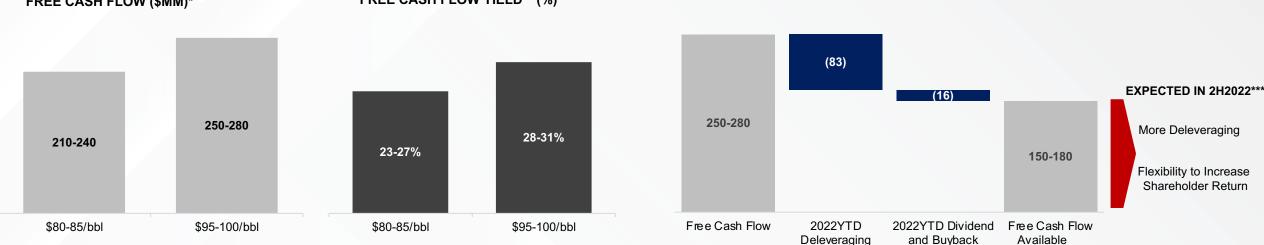


18-22

EXPLORATION GROSS WELLS

⁴⁰

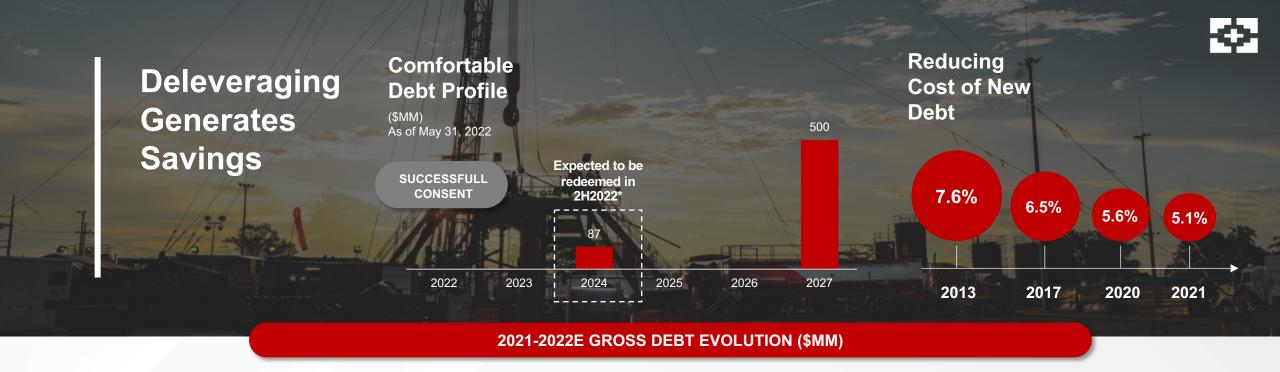


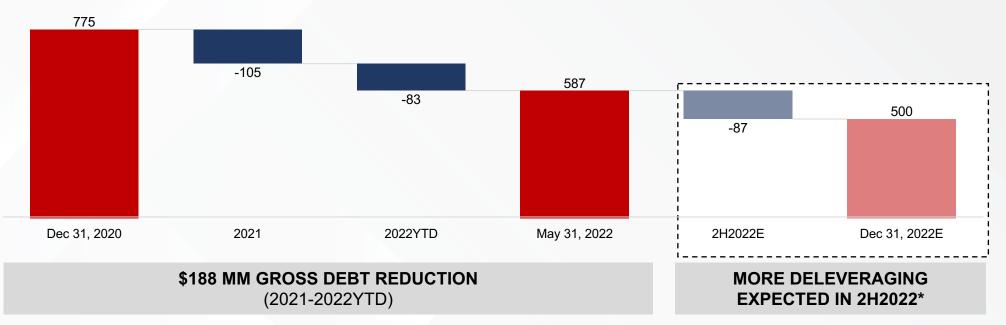


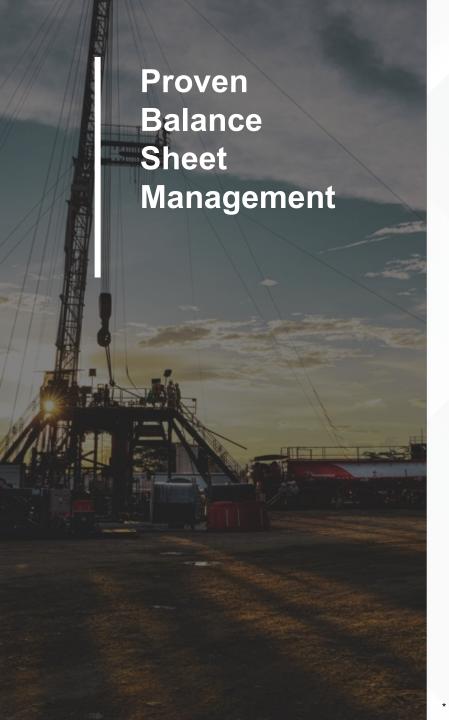
^{*} Brent oil price assumptions refer to March-December 2022 and consider a \$3-4 Vasconia/Brent differential. Free cash flow excludes changes in working capital.

^{***} At \$95-100 per bbl (Brent).

^{**} Calculated using market capitalization from January 3 to June 17, 2022.

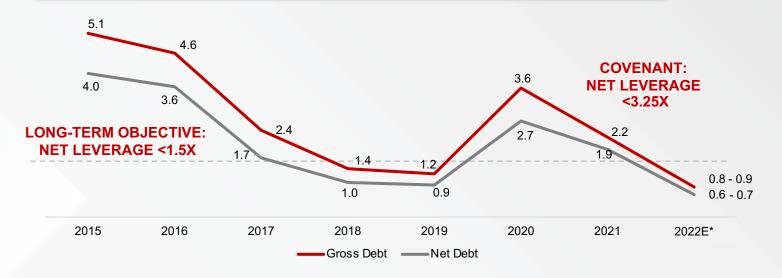




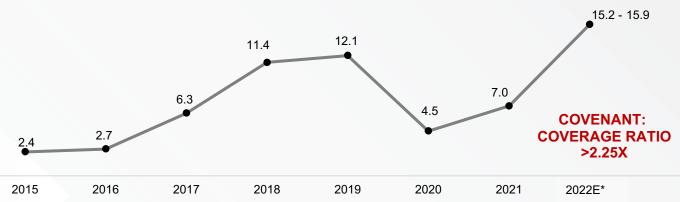


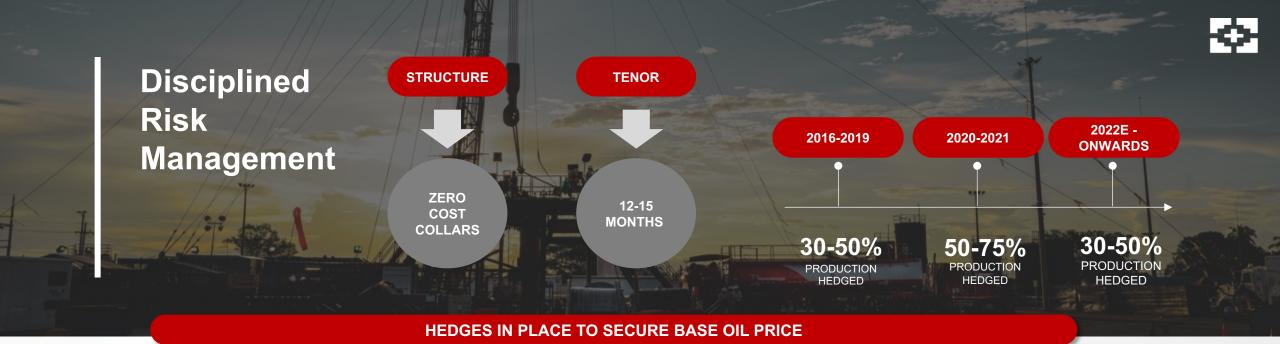


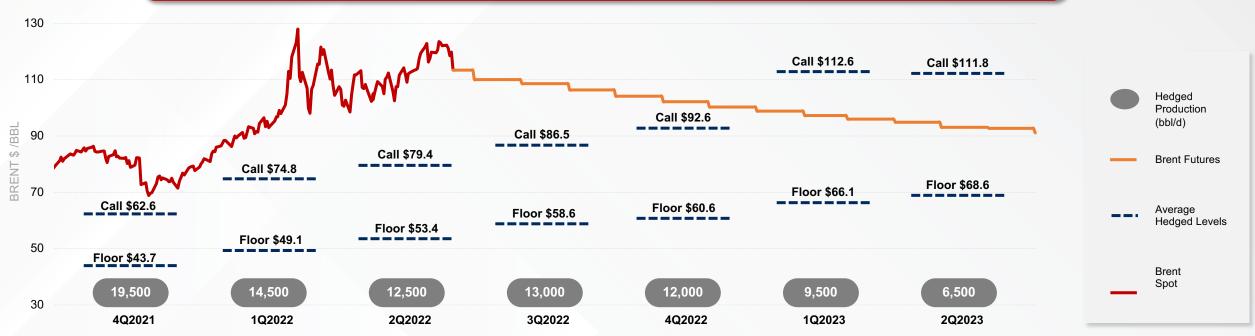
GROSS & NET LEVERAGE (GROSS AND NET DEBT / ADJUSTED EBITDA)



INTEREST COVERAGE RATIO (ADJUSTED EBITDA / INTEREST EXPENSE)









Shareholder Value Return

Comprehensive & Flexible Strategy



141%

TOTAL SHAREHOLDER RETURN*

(Share Price Change + Dividends) May 2017- May 2022



\$95 MM

SHARE BUYBACK PROGRAM 2019-2022YTD



\$25 MM

CASH DIVIDEND 2019-2022YTD ~2% Dividend Yield

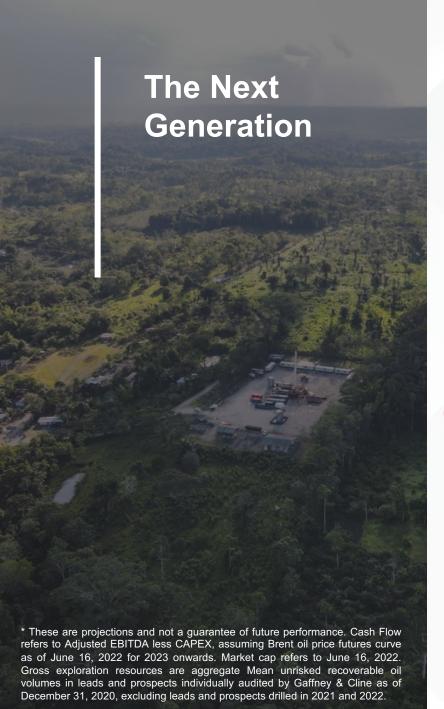
SUCCESSFUL CONSENT ADDS FLEXIBILITY TO ESTABLISH A LONG-TERM SHAREHOLDER RETURN STRATEGY

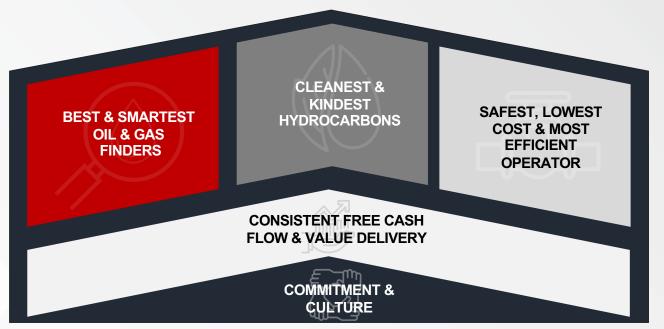
FIVE YEAR SHARE PRICE CHANGE May 2017-May 2022



2017-2022*	YEAR TO DATE*
PERFORMANCE	PERFORMANCE
GEOPARK	GEOPARK
+135%	+50%
BRENT +128%	S&P OIL & GAS INDEX +50%
S&P OIL & GAS INDEX +8%	BRENT +42%









Base Business Performance and Delivery

~10%

CAGR PRODUCTION GROWTH POTENTIAL 2022-2026E* ~\$3 Billion

2022-2026E CASH FLOW*



Disciplined and Profitable Growth and Scale

100,000 BOEPD

ORGANIC GROWTH + UNRISKED EXPLORATION UPSIDE AND INORGANIC 700-800 MMBOE

GROSS UNRISKED EXPLORATION RESOURCES*



Fast, Immediate & Aggressive Plan in Place

35-40%

EMISSIONS INTENSITY REDUCTION BY 2025 or Sooner (Scope 1 & 2)

