

1Q 2021 Earnings May 12, 2021

CHESAPEAKE ENERGY



## **Disclaimers**

#### FORWARD-LOOKING STATEMENTS

This document includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. All statements other than statements of historical fact are, or may be deemed to be, forward-looking statements. In some cases, forward-looking statements can be identified by the use of forward-looking terms such as "anticipate," "estimate," "believe," "continue," "could," "intend." "may." "plan." "potential." "predict." "should." "will." "expect." "objective." "projection." "forecast." "goal." "guidance." "outlook." "effort." "traget." "tragetory" or the negative of these terms or other comparable terms. However, the absence of these words does not mean that the statements are not forward-looking. These forward-looking statements are based on certain assumptions and analyses made by us in light of our experience and our perception of historical trends, current conditions and expected future developments, as well as other factors we believe are appropriate in the circumstances. These forward-looking statements are subject to known and unknown risks, uncertainties and assumptions that may cause actual results, levels of activity, performance or achievements to be materially different from any future results, levels of activity, performance or achievements expressed or implied by such forward-looking statements. Factors that might cause or contribute to a material difference include the risks discussed in our filings with the SEC and the following: our ability to successfully consummate the restructuring of our existing debt, existing equity interests, and certain other obligations, and emerge from the chapter 11 in bankruptcy court; the impact of the COVID-19 pandemic and its effect on our business, financial condition, employees, contractors and vendors, and on the global demand for oil and natural gas and U.S. and world financial markets; the effects of chapter 11 on our business and the interests of various constituents; risks associated with assumption of contracts in chapter 11, our ability to comply with the covenants under our exit facility and the related impact on our ability to continue as a going concern; the volatility of oil, natural gas and natural gas liquids prices, which are affected by general economic and business conditions, as well as increased demand for (and availability of) alternative fuels and electric vehicles; uncertainties inherent in estimating quantities of oil, natural gas and NGL reserves and projecting future rates of production and the amount and timing of development expenditures; our ability to replace reserves and sustain production; drilling and operating risks and resulting liabilities; our ability to generate profits or achieve targeted results in drilling and well operations; the limitations our level of indebtedness may have on our financial flexibility; our inability to access the capital markets on favorable terms; the availability of cash flows from operations and other funds to finance reserve replacement costs or satisfy our debt obligations; adverse developments or losses from pending or future litigation and regulatory proceedings, including royalty claims; legislative and regulatory initiatives addressing environmental concerns, including initiatives addressing the impact of global climate change or further regulating hydraulic fracturing, methane emissions, flaring or water disposal; terrorist activities and/or cyber-attacks adversely impacting the our operations; effects of acquisitions and dispositions and our ability to realize related synergies and cost savings; and effects of purchase price adjustments and indemnity obligations. Additional factors that could affect our future results or events are described under the heading "Risk Factors" in our Annual Report on Form 10-K for the fiscal year ended December 31, 2019 (the "2019 10-K") and our Quarterly Reports on Form 10-Q for the guarters ended March 31, June 30, and September 30, 2020, and in other reports we file with the U.S. Securities and Exchange Commission from time to time. Readers are cautioned not to place undue reliance on forward-looking statements. All forward-looking statements set forth in this document are qualified by these cautionary statements and there can be no assurance that the actual results or developments anticipated by us will be realized or, even if substantially realized, that they will have the expected consequences to, or effects on, us or our business or operations. Forward-looking statements set forth in this document speak only as of the date hereof, and we do not undertake any obligation to update forward-looking statements to reflect subsequent events or circumstances, changes in expectations or the occurrence of unanticipated events, except to the extent required by law.

#### **NON-GAAP FINANCIAL MEASURES**

Certain financial information included herein, including Adjusted EBITDA and Adjusted EBITDAX, are not presentations made in accordance with U.S. GAAP, and use of such terms varies from others in the same industry. Non-GAAP financial measures should not be considered as alternatives to net income (loss), total operating expenses or any other performance measures derived in accordance with U.S. GAAP as measures of operating performance or cash flows as measures of liquidity. Non-GAAP financial measures have important limitations as analytical tools, and you should not consider them in isolation or as substitutes for results as reported under U.S. GAAP. See the Appendix to this presentation for a reconciliation of certain non-GAAP financial measures to the most directly comparable financial measures calculated in accordance with U.S. GAAP.

#### NATURAL GAS, OIL & NATURAL GAS LIQUIDS RESERVES

The Company's proved reserves and adjusted proved reserves are those quantities of natural gas, oil, and natural gas liquids, which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible—from a given date forward, from known reservoirs, and under existing economic conditions, operating methods, and government regulations—prior to the time at which contracts providing the right to operate expire, unless evidence indicates that renewal is reasonably certain, regardless of whether deterministic or probabilistic methods are used for the estimation.

The Company's estimate of its total proved reserves is based on reports prepared by LaRoche Petroleum Consultants, Ltd., independent petroleum engineers, and internal estimates. Factors affecting ultimate recovery include the scope of the Company's ongoing drilling program, which will be directly affected by the availability of capital, drilling and production costs, availability of drilling services and equipment, drilling results, lease expirations, transportation constraints, regulatory approvals, actual drilling results, including geological and mechanical factors affecting recovery rates, and other factors. Estimates may change significantly as development of the Company's natural gas, oil and natural gas liquids assets provide additional data. The Company's production forecasts and expectations for future periods are dependent upon many assumptions, including estimates of production decline rates from existing wells and the undertaking and outcome of future drilling activity, which may be affected by significant commodity price declines or drilling cost increases.

# Chesapeake Today: A Fundamentally Different Company



## Chesapeake Value Drivers

Maintain balance sheet strength Returning cash Targeting <1x to shareholders long-term leverage<sup>®</sup> Launched initial base dividend of \$1.375/share/year ~\$3B of FCF projected over next five years(2) Disciplined capital Achieve **net-zero** direct reinvestment rate targeting GHG emissions by 2035 60 - 70%Eliminate routine flaring on all new wells completed to yield positive FCF and 400+ mboe/d from 2021 forward, and enterprise-wide by 2025 on \$700mm – \$750mm of annual capex Reduce methane intensity<sup>(3)</sup> to 0.09% and GHG intensity<sup>(4)</sup> to 5.5 by 2025



## Starting Strong: 1Q Highlights

Adjusted EBITDAX

\$510mm

Strong projected FCF and cash return on capital invested for 2021 and 2022

Current net debt<sup>(1)</sup> to 2021E adjusted EBITDAX

0.6x

**Balance Sheet Cash** 

\$340mm

~\$500mm as of April 30, 2021

Free Cash Flow<sup>(2)</sup>

\$329mm

Launched dividend of

\$1.375/share/year

~3.0% annual yield (beginning 2Q'21)



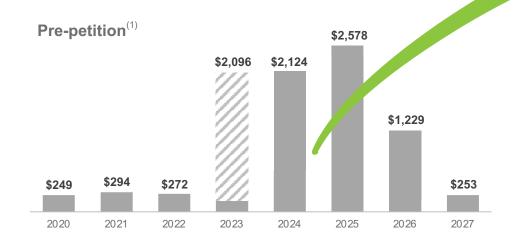


CHESAPEAKE

**ENERGY** 

## **Restored Balance Sheet**

- Significant liquidity
  - \$2.5B borrowing base at exit
  - \$1.7B available today
- Expected substantial FCF targeted to maintain an undrawn revolver through year-end 2021
- Cash flow projections substantially de-risked through robust hedging program





Total net debt<sup>(3)</sup> of \$881mm as of March 31, 2021

\$340mm cash on hand

# Balance Sheet Improved vs. IG Peers

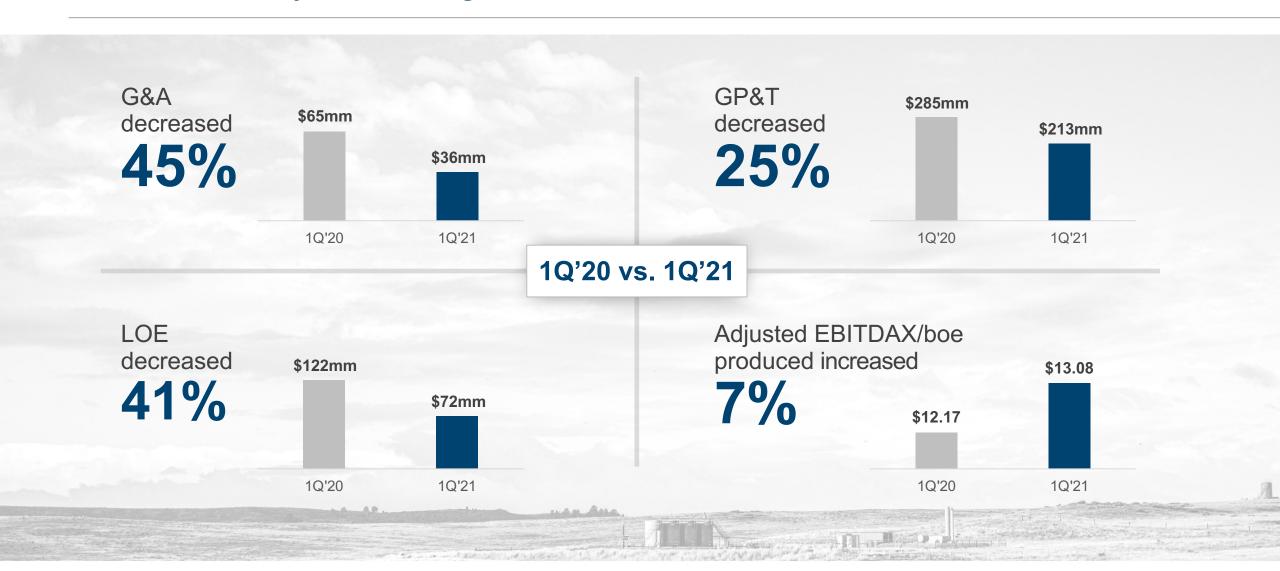




Source: Sell-side analysts' models from Bloomberg as of 5/5/2021. Note: CHK data based on NYMEX strip prices as of 4/30/2021.

(1) CHK calculated as net debt at 3/31/2021 over midpoint of 2021 adjusted EBITDAX guidance as of 5/11/2021. Net debt (non-GAAP) = Total debt (GAAP) – Premiums and issuance costs on debt – Cash and cash equivalents.

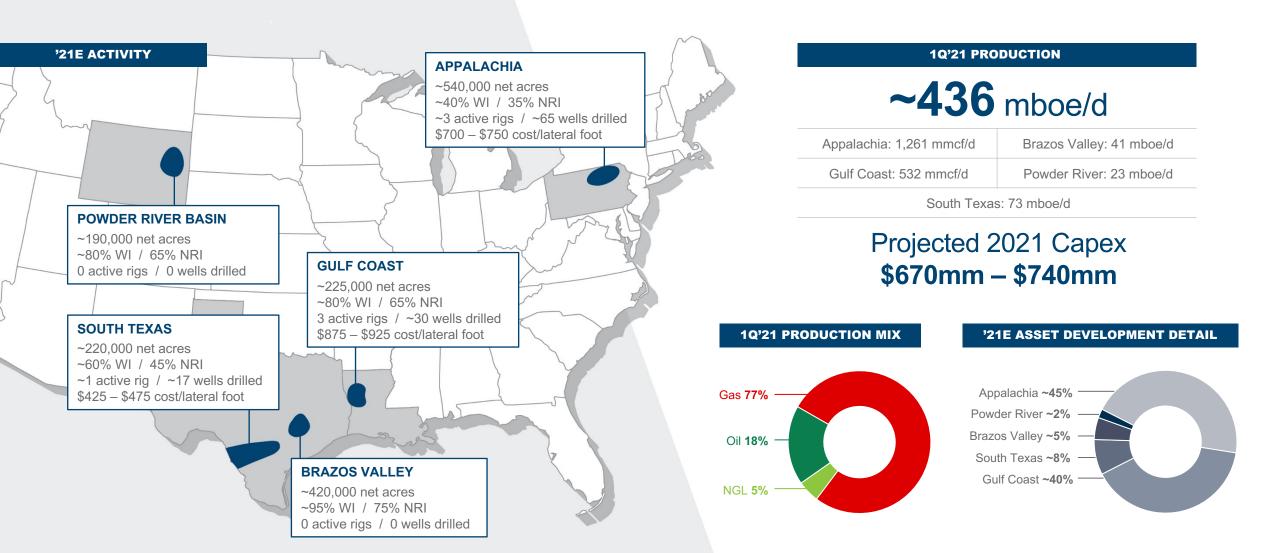
## Fundamentally Resetting Our Cost Structure





1Q 2021 Earnings – May 12, 2021 8

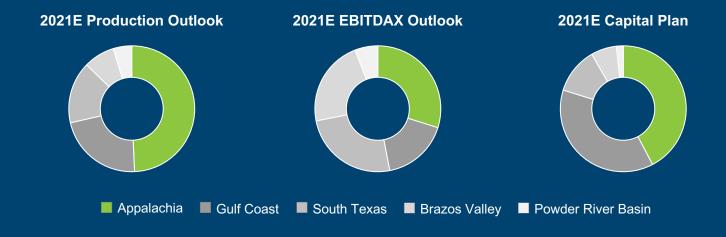
## Deep Portfolio: Diversified Positions Across Multiple Basins

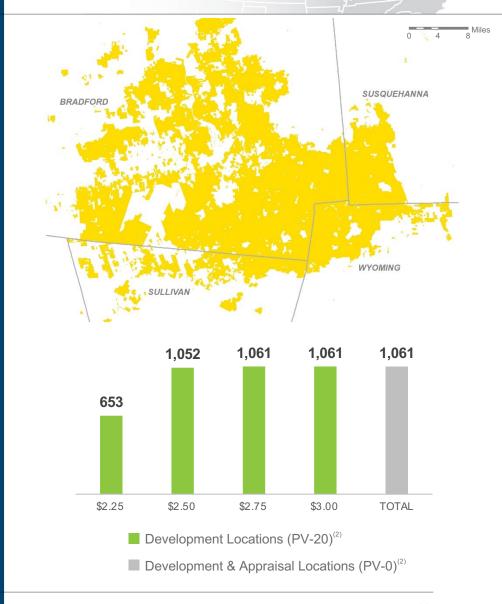


CHESAPEAKE ENERGY Note: Net acres and projected WI and NRI estimates as of 12/31/2020.

## Appalachia: Overview

Acres	PDP Well Count	PDP Decline	1Q'21 Activity
~540,000	Op: 963	2020 TILs: 53%	Wells drilled: 16
~40% WI, 35% NRI	Non-Op: 292	Field: 23% (5-yr avg)	Wells TIL'd: 18



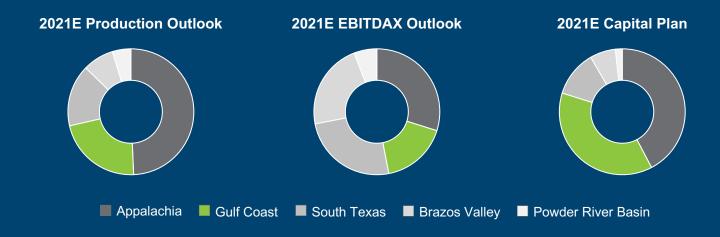


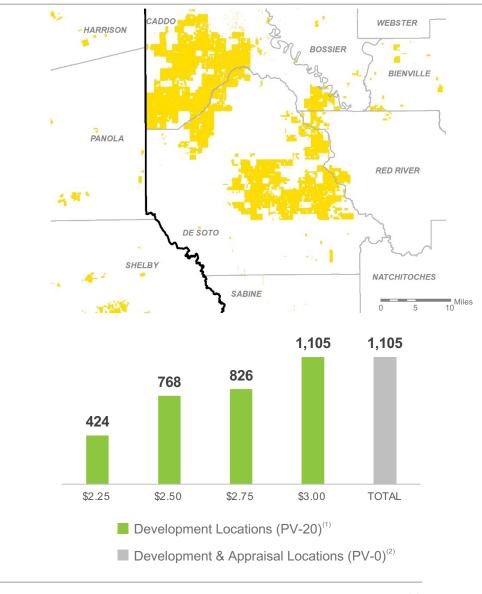


<sup>(1) 20%</sup> ROR at current spacing assumption, proven development zones.(2) Location counts do not include exploration wells or zones still in early evaluation.

## **Gulf Coast: Overview**

Acres	PDP Well Count	PDP Decline	1Q'21 Activity
~225,000	Op: 568	2020 TILs: 62%	Wells drilled: 5
~80% WI, 65% NRI	Non-Op: 145	Field: 22% (5-yr avg)	Wells TIL'd: 3



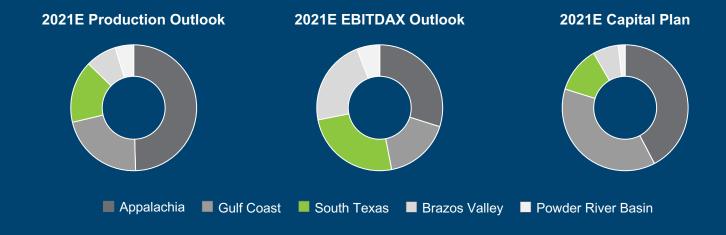


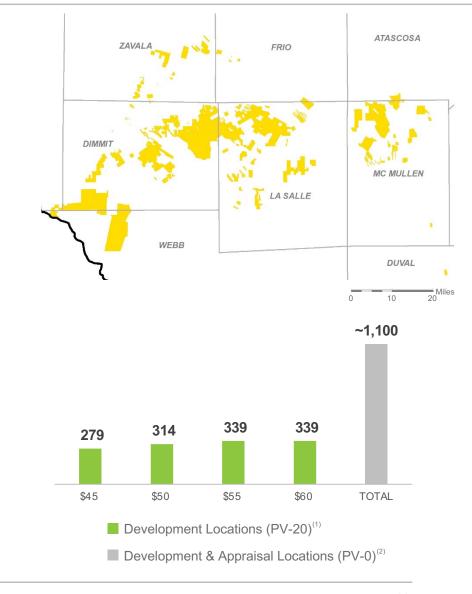


<sup>(1) 20%</sup> ROR at current spacing assumption, proven development zones.(2) Location counts do not include exploration wells or zones still in early evaluation.

## South Texas: Overview

Acres	PDP Well Count	PDP Decline	1Q'21 Activity
~220,000	Op: 2,043	2020 TILs: 59%	Wells drilled: 0
~60% WI, 45% NRI	Non-Op: 119	Field: 16% (5-yr avg)	Wells TIL'd: 3



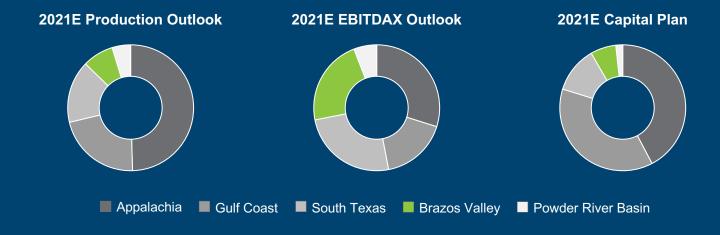


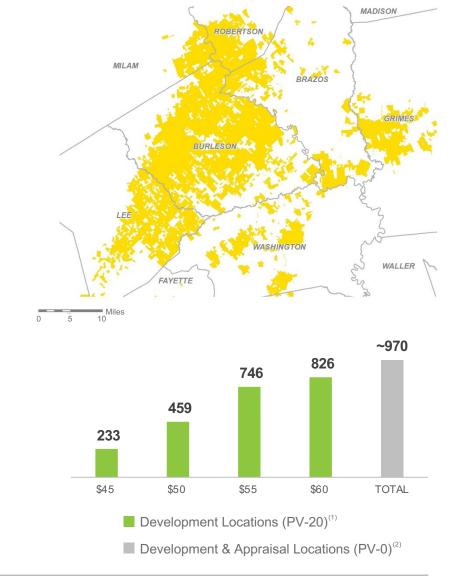
CHESAPEAKE ENERGY

<sup>(1) 20%</sup> ROR at current spacing assumption, proven development zones; Gas price held constant at \$2.50 for location counts.(2) Location counts do not include exploration wells or zones still in early evaluation.

## Brazos Valley: Overview

Acres	PDP Well Count	PDP Decline	1Q'21 Activity
~420,000	Op: 826	2020 TILs: 62%	Wells drilled: 0
~95% WI, 75% NRI	Non-Op: 190	Field: 19% (5-yr avg)	Wells TIL'd: 6



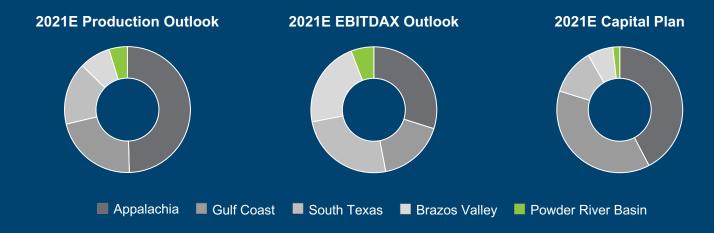


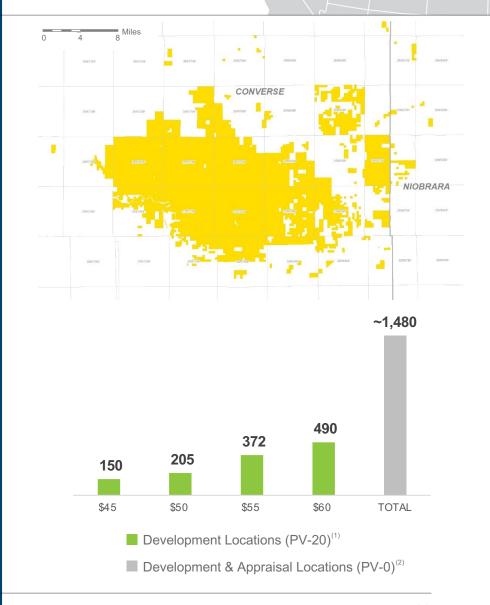
<sup>(1) 20%</sup> ROR at current spacing assumption, proven development zones; Gas price held constant at \$2.50 for location counts.(2) Location counts do not include exploration wells or zones still in early evaluation.

CHESAPEAKE ENERGY

## Powder River Basin: Overview

Acres	PDP Well Count	PDP Decline	1Q'21 Activity
~190,000 ~85,500 (Federal)	Op: 300	2020 TILs: 58%	Wells drilled: 0
~80% WI, 65% NRI	Non-Op: 40	Field: 18% (5-yr avg)	Wells TIL'd: 0





<sup>(1) 20%</sup> ROR at current spacing assumption, proven development zones; Gas price held constant at \$2.50 for location counts.(2) Location counts do not include exploration wells or zones still in early evaluation.

CHESAPEAKE ENERGY

## Leading a Responsible Energy Future

## Our path to achieving net-zero direct GHG emissions by 2035

#### Environmental Stewardship

- Eliminate routine flaring on all wells completed from 2021 forward, and enterprise-wide targeted by 2025
- Targeted reduction of GHG intensity and methane intensity by 2025
- Intend to initiate first electric frac in 2021, opportunity to implement enterprise-wide

### Social Engagement

- One CHK culture and company core values promote a diverse, inclusive and productive workplace
- Commitment to increased I&D education and training

#### Governance Reform

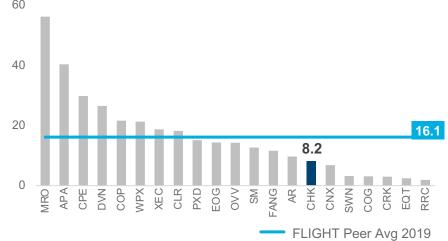
ENERGY

Board committee dedicated to ESG oversight

# 2019 Methane Intensity volume methane emissions/volume gross gas produced 1.2% 0.8% 0.4% 0.4% 0.17% 0.25% 0.20% 0

#### 2019 GHG Emissions Intensity

metric tons CO<sub>2</sub>e/gross mboe produced



Source: Company disclosure

disclosure — FLIGHT Peer Avg 20<sup>2</sup>

## CHK's RSG Pilot with Project Canary/IES TrustWell™

- Currently engaged with IES TrustWell™ (Project Canary) to conduct a pilot project on two pad locations in both the Haynesville and Appalachia Plays
  - To date, IES TrustWell™ has certified the majority of publicly-announced RSG transactions
- Achieving the Responsibly Sourced Gas (RSG) certification will allow us the opportunity to participate in an increasing trend of purchasers including certified gas in their RFP's (domestic and international)

"Chesapeake is an industry pioneer and top producer, and we're proud to help them reach the highest environmental standards."

- Project Canary Co-founder and CEO













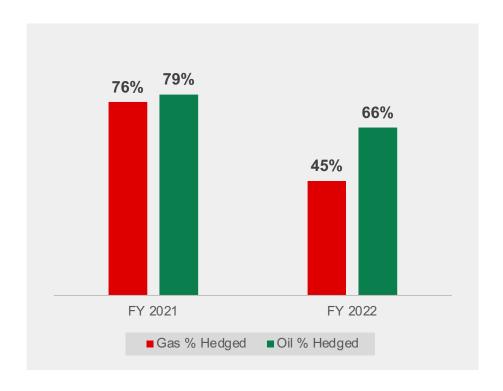






17

# Hedging Program Reduces Risk, Protects Returns



AVERAGE HEDGED PRICE FY	2021	2022
Gas (\$/mcf)	\$ 2.67	\$ 2.52
Oil (\$/bbl)	\$ 42.62	\$ 44.30

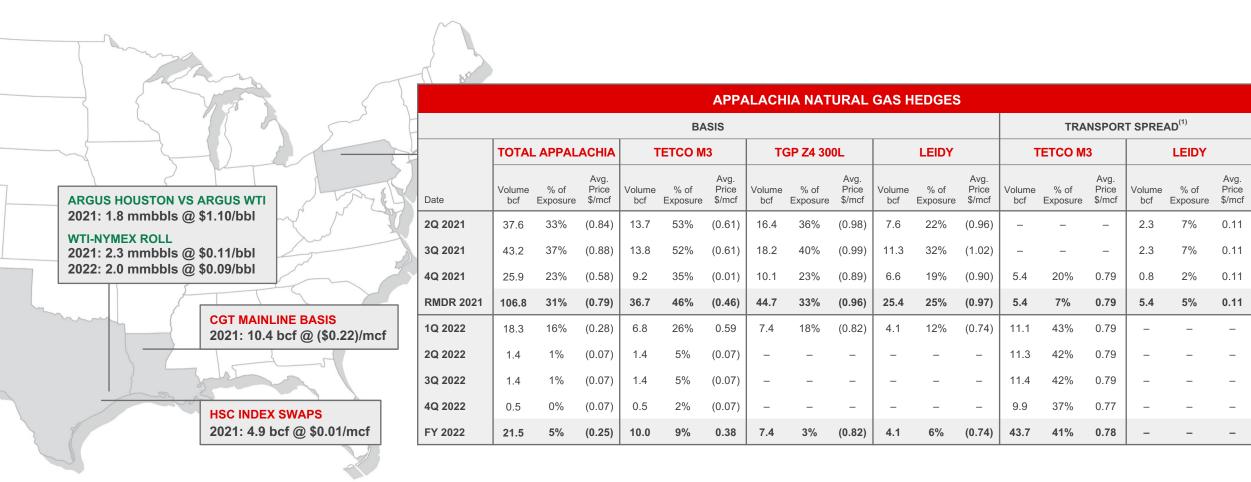
		N/	OIL						
	sw	/APS		COLLARS		SWAPS			
Date	Volume bcf	Avg. Price \$/mcf	Volume bcf	Avg. Put \$/mcf	Avg. Call \$/mcf	Volume mmbbl	Avg. Price \$/bbl		
2Q 2021	135.3	2.66	8.2	2.80	3.29	4.8	42.62		
3Q 2021	126.6	2.66	8.3 2.80		3.29	4.6	42.62		
4Q 2021	115.2	2.67	8.3 2.80		3.29	4.3	42.62		
RMDR 2021	377.1	2.66	24.8	24.8 2.80		2.80 3.29		13.7	42.62
1Q 2022	77.7	2.55	18.0	2.50	2.86	3.2	43.57		
2Q 2022	69.0	2.51	18.2	2.50	2.50 2.86		43.12		
3Q 2022	66.8	2.55	18.4	18.4 2.50		2.50 2.86		2.7	44.85
4Q 2022	35.9	2.62	41.8	41.8 2.39 2		2.6	45.92		
FY 2022	249.5	2.55	96.4	2.45	2.88	11.2	44.30		



Note: Hedged volumes and prices reflect positions as of 4/30/2021, percentages are fixed price hedges vs. forecast volume. .

## **Hedged Basis Projection**

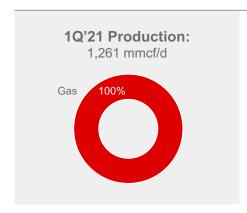
As of 5/10/2021



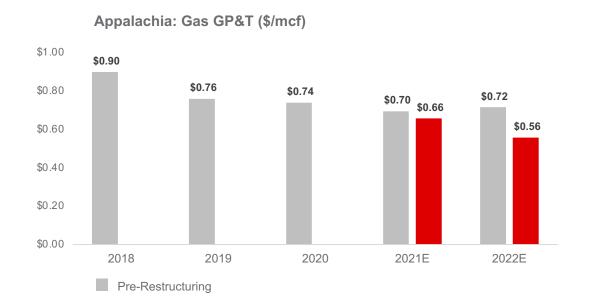


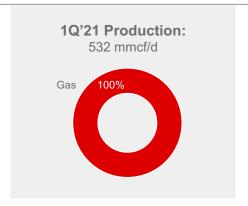
(1) Transport spread vs. TGP Z4 300L

## Gas Assets: Appalachia and Gulf Coast



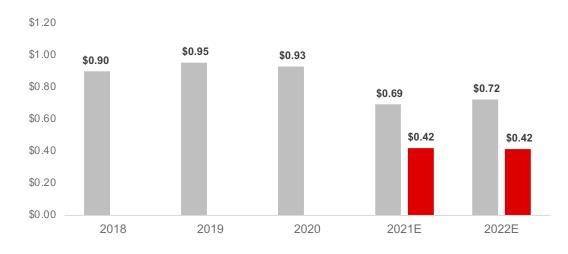
- (\$0.50)/mcf annual average in-basin to NYMEX pricing
- Premium realizations in winter months





(\$0.18)/mcf annual average in-basin to NYMEX pricing

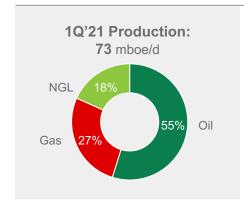
#### Gulf Coast: Gas GP&T (\$/mcf)



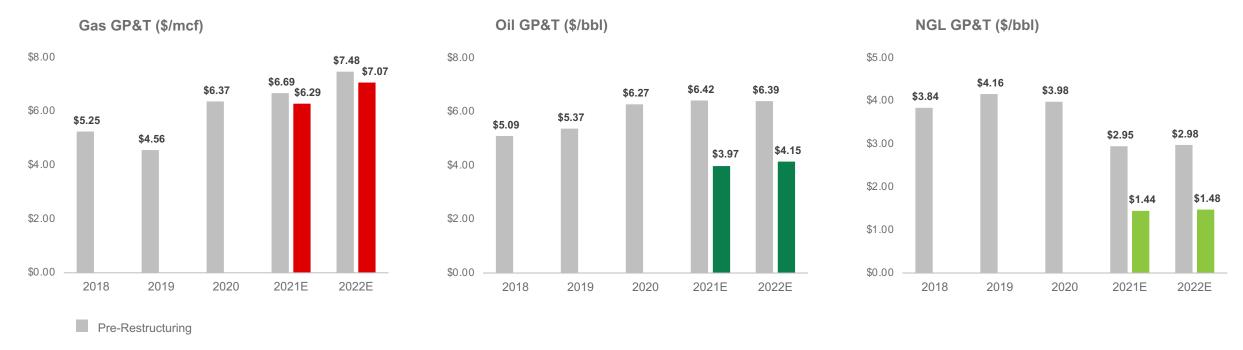


Marketing fee excluded. Basis based on periods 2021E – 2025E.

## South Texas



- +\$0.15/mcf, +\$0.30/bbl oil, and +\$0.15/bbl NGL annual average in-basin to NYMEX pricing
- ▶ Eliminated processing and crude MVCs, only gas gathering MVCs remain

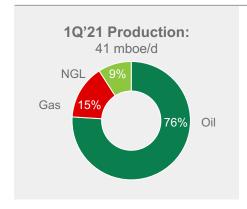




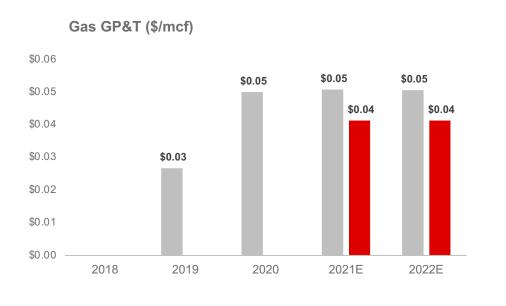
Marketing fee excluded. Basis based on periods 2021E – 2025E.

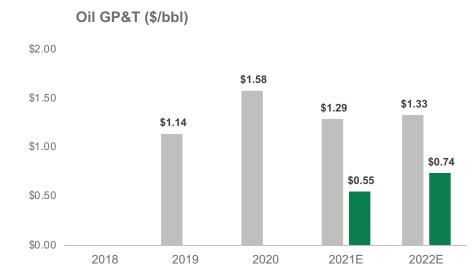
/ 1Q 2021 Earnings – May 12, 2021 21

## **Brazos Valley**



- ▶ (\$0.50)/mcf, (\$0.75)/bbl oil, and (\$8.30)/bbl NGL annual average in-basin to NYMEX pricing
- Eliminated all MVCs





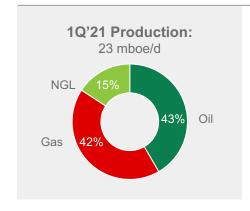
Pre-Restructuring



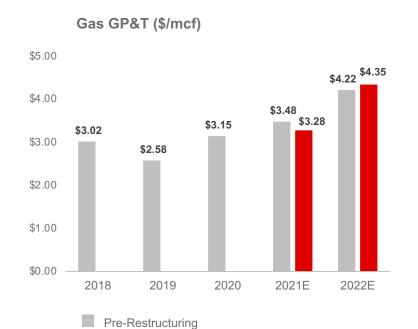
Marketing fee excluded. Basis based on periods 2021E – 2025E.

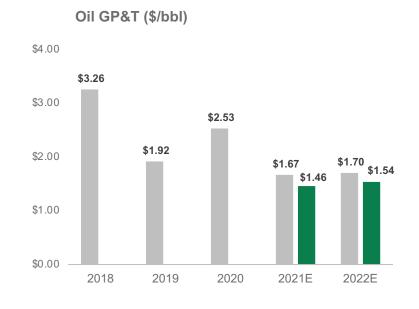
1Q 2021 Earnings – May 12, 2021 22

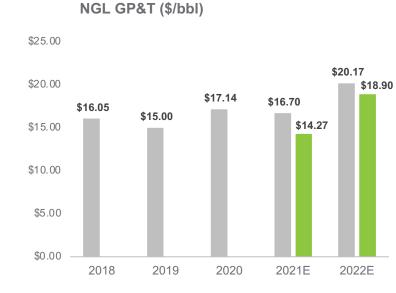
## **Powder River Basin**



- ▶ (\$0.05)/mcf, (\$2.25)/bbl oil, and (\$4.15)/bbl NGL annual average in-basin to NYMEX pricing
- MVC/EBITDAX recoupment converted to straight MVC, four years, 90% of PDP



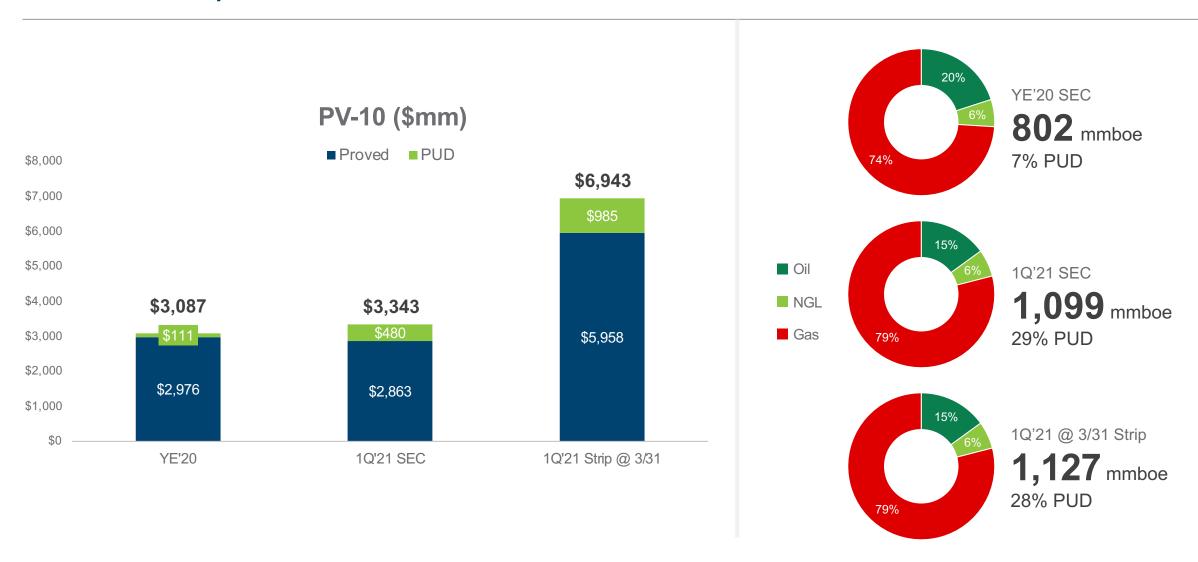




CHESAPEAKE ENERGY Marketing fee excluded. Basis based on periods 2021E - 2025E.

/ 1Q 2021 Earnings – May 12, 2021 23

## Reserves Update



Note: Estimated proved reserves and PV-10 value for year-end 2020 were computed using first-day-of-the-month 12-month average prices of \$39.57 per bbl of oil and \$1.98 per mcf of natural gas, before basis differential adjustments. Comparable prices for first quarter 2021 were \$40.01 per bbl and \$2.16 per mcf. PV-10, a non-GAAP measure, is an estimated discounted net present value of proved reserves, before projected income taxes, using a 10% per annum discount rate and should not be considered in isolation or as a substitute for the standardized measure of discounted future net cash flows or any other measure of a company's financial or operating performance presented in accordance with GAAP.



## Reconciliation of Net Income (loss) to Adjusted EBITDAX (unaudited)

	Peri Febr 2021 Ma	od from ruary 10, through rch 31, 2021	Predecessor Period from January 1, 2021 through February 9, 2021		Non-GAAP Combined  Three Months Ended March 31, 2021		Predecessor Three Months Ended March 31, 2020	
(\$ in millions)								
Net income (loss) (GAAP)	\$	295	\$	5,383	\$	5,678	\$	(8,313)
Adjustments:								
Interest expense		12		11		23		145
Income tax benefit		_		(57)		(57)		(13)
Depreciation, depletion and amortization		122		72		194		603
Exploration		1		2		3		282
Unrealized (gains) losses on oil, natural gas and NGL derivatives		(113)		369		256		(729)
Separation and other termination costs		_		22		22		5
Gains on sales of assets		(4)		(5)		(9)		_
Other operating expense (income)		2		(12)		(10)		68
Impairments		_		_		_		8,522
Gains on purchases or exchanges of debt		_		_		_		(63)
Reorganization items, net		_		(5,569)		(5,569)		_
Other		(21)		_		(21)		23
Adjusted EBITDAX (Non-GAAP)	\$	294	\$	216	\$	510	\$	530

Adjusted EBITDAX is not a measure of financial performance under GAAP, and should not be considered as an alternative to, or more meaningful than, cash flow provided by operating activities prepared in accordance with GAAP. Adjusted EBITDAX excludes certain items that management believes affect the comparability of operating results. The company believes this non-GAAP financial measure is a useful adjunct to cash flow provided by operating activities because: (i) Management uses adjusted EBITDAX to evaluate the company's operational trends and performance relative to other oil and natural gas producing companies. (ii) Adjusted EBITDAX is more comparable to estimates provided by securities analysts. (iii) Items excluded generally excludes information regarding these types of items. Because adjusted EBITDAX excludes some, but not all, items that affect net income (loss), our calculations of adjusted EBITDAX may not be comparable to similarly titled measures of other companies.



## Reconciliations of Free Cash Flow and Net Debt

FREE CASH FLOW					
	Per Feb 2021 Ma	ccessor food from ruary 10, through arch 31, 2021	Predecessor Period from January 1, 2021 through February 9, 2021	Non-GAAP Combined Three Months Ended March 31, 2021	edecessor Three Months Ended March 31, 2020
(\$ in millions)					
Net cash provided by (used in) operating activities (GAAP)	\$	409	\$ (21)	\$ 388	\$ 397
Cash paid for reorganization items, net		18	66	84	_
Capital expenditures		(77)	(66)	(143)	(518)
Free cash flow (Non-GAAP)	\$	350	\$ (21)	\$ 329	\$ (121)

NET DEBT	
	Successor March 31, 2020
(\$ in millions)	
Total debt (GAAP)	\$ 1,262
Premiums and issuance costs on debt	(41)
Principal amount of debt	1,221
Cash and cash equivalents	(340)
Net debt (Non-GAAP)	\$ 881



1Q 2021 Earnings – May 12, 2021 26

## Management's Outlook as of May 11, 2021

	Year Ending 12/31/2021
Total production:	
Oil – mmbbls	23.0 - 25.0
NGL – mmbbls	6.5 - 8.5
Natural gas – bcf	715 – 735
Total daily rate – mboe per day	410 – 420
Estimated basis to NYMEX prices, based on 4/30/21 strip prices:	
Oil – \$/bbl	(\$0.20) – (\$0.60)
Natural gas – \$/mcf	(\$0.40) - (\$0.50)
NGL – realizations as a % of WTI	40% – 45%
Operating costs per boe of projected production:	
Production expense	\$1.85 – \$2.15
Gathering, processing and transportation expenses	\$4.90 - \$5.40
Oil – \$/bbl	\$2.65 - \$2.85
Natural Gas – \$/mcf	\$0.90 - \$1.00
Severance and ad valorem taxes	\$0.90 - \$1.10
General and administrative <sup>(a)</sup>	\$0.85 - \$1.15
Depreciation, depletion and amortization expense	\$5.00 - \$6.00
Marketing net margin and Other (\$ in millions)	\$0 - \$10
Interest expense (\$ in millions) <sup>(b)</sup>	\$70 – \$80
Cash taxes (\$ in millions)	\$0 - \$20
Adjusted EBITDAX, based on 4/30/21 strip prices (\$ in millions)(c)	\$1,550 - \$1,650
Total capital expenditures (\$ in millions)	\$670 - \$740

<sup>(</sup>a) Includes ~\$0.08/boe of expenses associated with stock-based compensation, which are recorded in general and administrative expenses in Chesapeake's Condensed Consolidated Statement of Operations.

(b) Includes ~\$15 million of non-cash interest expense due to timing of interest payments in 2021.



<sup>(</sup>c) Adjusted EBITDAX is a non-GAAP measure used by management to evaluate the company's operational trends and performance relative to other oil and natural gas producing companies. Adjusted EBITDAX excludes certain items that management believes affect the comparability of operating results. The most directly comparable GAAP measure is net income (loss) but, it is not possible, without unreasonable efforts, to identify the amount or significance of events or transactions that may be included in future GAAP net income (loss) but that management does not believe to be representative of underlying business performance. The company further believes that providing estimates of the amounts that would be required to reconcile forecasted adjusted EBITDAX to forecasted GAAP net income (loss) would imply a degree of precision that may be confusing or misleading to investors. Items excluded from net income to arrive at adjusted EBITDAX include interest expense, income taxes, and depreciation, depletion and amortization expense as well as one-time items or items whose timing or amount cannot be reasonably estimated.