#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

#### FORM 8-K

#### **CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934**

Date of report (Date of earliest event reported): February 25, 2019

#### ANTERO RESOURCES CORPORATION

(Exact Name of Registrant as Specified in its Charter)

Delaware (State or Other Jurisdiction of Incorporation) **001-36120** (Commission File Number) **80-0162034** (IRS Employer Identification No.)

1615 Wynkoop Street Denver, Colorado 80202

(Address of Principal Executive Offices) (Zip Code)

Registrant's Telephone Number, including Area Code: (303) 357-7310

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company  $\Box$ 

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.  $\Box$ 

#### Item 7.01 Regulation FD Disclosure.

On February 25, 2019, Antero Resources Corporation ("Antero Resources") participated in the J.P. Morgan Global High Yield & Leveraged Finance Conference. Presentation materials for the conference may be viewed on Antero Resources' website at www.anteroresources.com, and a copy of the presentation is included as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated into this Item 7.01 by reference.

The information furnished in this Item 7.01 (including the exhibit) shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section, nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, regardless of any general incorporation language in such filing, except as shall be expressly set forth by specific reference in such filing.

#### Item 8.01 Other Events.

To the extent required by law, the information in Item 7.01 of this Form 8-K is incorporated into this Item 8.01.

#### NO OFFER OR SOLICITATION

The presentation attached as an exhibit hereto includes a discussion of the previously announced transaction between Antero Midstream Partners LP ("Antero Midstream") and Antero Midstream GP LP ("AMGP") and certain of their affiliates (the "Transaction"). This communication is for informational purposes only and does not constitute an offer to sell or the solicitation of an offer to buy any securities or a solicitation of any vote or approval, in any jurisdiction, pursuant to the Transaction or otherwise, nor shall there be any sale, issuance, exchange or transfer of the securities referred to in this document in any jurisdiction in contravention of applicable law. No offer of securities shall be made except by means of a prospectus meeting the requirements of Section 10 of Securities Act of 1933, as amended.

#### ADDITIONAL INFORMATION AND WHERE TO FIND IT

In connection with the Transaction, AMGP has filed with the U.S. Securities and Exchange Commission (the "SEC") a registration statement on Form S-4, that includes a joint proxy statement of Antero Midstream and AMGP and a prospectus of AMGP. The transaction will be submitted to Antero Midstream's unitholders and AMGP's shareholders for their consideration. Antero Midstream and AMGP may also file other documents with the SEC regarding the transaction. The registration statement on Form S-4 became effective on January 30, 2019, and the definitive joint proxy statement/prospectus is being delivered to Antero Midstream unitholders and AMGP shareholders of record as of January 11, 2019. This document is not a substitute for the registration statement and joint proxy statement/prospectus that has been filed with the SEC or any other documents that AMGP or Antero Midstream may file with the SEC or send to shareholders of AMGP or unitholders of Antero Midstream in connection with the transaction. INVESTORS AND SECURITY HOLDERS OF ANTERO MIDSTREAM AND AMGP ARE URGED TO READ THE REGISTRATION STATEMENT AND THE JOINT PROXY STATEMENT/PROSPECTUS REGARDING THE TRANSACTION AND ALL OTHER RELEVANT DOCUMENTS THAT ARE FILED OR WILL BE FILED WITH THE SEC, AS WELL AS ANY AMENDMENTS OR SUPPLEMENTS TO THESE DOCUMENTS, CAREFULLY AND IN THEIR ENTIRETY BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION ABOUT THE TRANSACTION AND RELATED MATTERS.

Investors and security holders are able to obtain free copies of the registration statement and the joint proxy statement/prospectus and all other documents filed or that will be filed with the SEC by AMGP or Antero Midstream through the website maintained by the SEC at http://www.sec.gov. Copies of documents filed with the SEC by Antero Midstream will be made available free of charge on Antero Midstream's website at http://investors.anteromidstream.com/investor-relations/AM, under the heading "SEC Filings," or by directing a request to Investor Relations, Antero Midstream Partners LP, 1615 Wynkoop Street, Denver, Colorado 80202, Tel. No. (303) 357-7310. Copies of documents filed with the SEC by AMGP or by directing a request to Investor Relations, Antero Midstream GP LP, 1615 Wynkoop Street, Denver, Colorado 80202, Tel. No. (303) 357-7310.



#### Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

99.1

Exhibit No. Description J.P. Morgan Global High Yield & Leveraged Finance Conference Presentation dated February 25, 2019.

#### SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

#### ANTERO RESOURCES CORPORATION

By:

/s/ Glen C. Warren, Jr. Glen C. Warren, Jr. President and Chief Financial Officer

Dated: February 25, 2019





# J.P. Morgan Global High Yield & Leveraged Finance Conference FEBRUARY 25, 2019



#### NO OFFER OR SOLICITATION

This presentation includes a discussion of a proposed business combination transaction (the "Transaction") between AM and AMGP. This presentation is for informational purposes only and does not constitute an offer to sell or the solicitation of an offer to buy any securities or a solicitation of any vote or approval, in any jurisdiction, pursuant to the Transaction or otherwise, nor shall there be any sale, issuance, exchange or transfer of the securities referred to in this document in any jurisdiction in contravention of applicable law. No offer of securities shall be made except by means of a prospectus meeting the requirements of Section 10 of the Securities Act of 1933, as amended.

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## Legal Disclaimer



This presentation includes "forward-looking statements." Such forward-looking statements are subject to a number of risks and uncertainties, many of which are beyond AR's control. All statements, except for statements of historical fact, made in this presentation regarding activities, events or developments AR expects, believes or anticipates will or may occur in the future, such as 2019 and long-term financial and operational outlook, the expected sources of funding and timing for completion of the share repurchase program if at all, impacts of hedge monetizations, the expected consideration to be received in connection with the closing of the Transaction, the timing of the consummation of the Transaction, if at all, impacts of natural gas price realizations, AR's expected ability to return capital to investors and targeted leverage metrics, AR's estimated unhedged EBITDAX multiples, future plans for processing plants and fractionators, AR's estimated production and the expected impact of Mariner East 2 on AR's NGL pricing, are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. All forward-looking statements speak only as of the date of this presentation. Although AR believes that the plans, intentions and expectations reflected in or suggested by the forward-looking statements are reasonable, there is no assurance that these plans, intentions or expectations will be achieved. Therefore, actual outcomes and results could materially differ from what is expressed, implied or forecast in such statements.

AR cautions you that these forward-looking statements are subject to all of the risks and uncertainties, most of which are difficult to predict and many of which are beyond the AR's control, incident to the exploration for and development, production, gathering and sale of natural gas, NGLs and oil. These risks include, but are not limited to, commodity price volatility, inflation, lack of availability of drilling and production equipment and services, environmental risks, drilling and other operating risks, regulatory changes, the uncertainty inherent in estimating natural gas and oil reserves and in projecting future rates of production, cash flow and access to capital, the timing of development expenditures, and the other risks described under the heading "Item 1A. Risk Factors" in AR's Annual Report on Form 10-K for the year ended December 31, 2018.

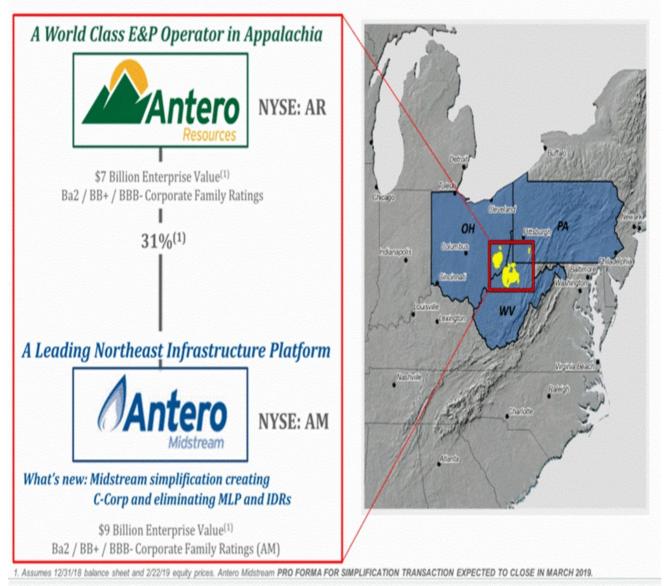
This presentation includes certain financial measures that are not calculated in accordance with U.S. generally accepted accounting principles ("GAAP"). These measures include (i) Consolidated Adjusted EBITDAX, (ii) Stand-alone Adjusted EBITDAX, (iii) Stand-alone Adjusted Operating Cash Flow, (iv) Free Cash Flow, (v) PV-10, and (vi) Distributable Cash Flow. Please see "Antero Definitions" and "Antero Non-GAAP Measures" for the definition of each of these measures as well as certain additional information regarding these measures, including the most comparable financial measures calculated in accordance with GAAP.

Antero Resources Corporation is denoted as "AR" in the presentation, Antero Midstream Partners LP is denoted as "AM" and Antero Midstream GP LP is denoted as "AMGP", which are their respective New York Stock Exchange ticker symbols.

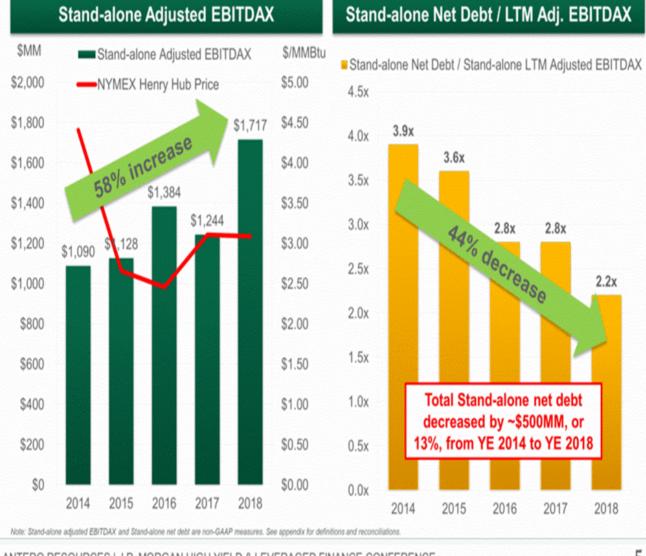
## Antero Family at a Glance



### The Most Integrated Natural Gas and NGL Platform in the U.S.



### Antero has increased its EBITDAX by 58% and reduced leverage from 3.9x at YE 2014 to 2.2x at YE 2018, despite a 30% reduction in NYMEX natural gas prices



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## **Recent Credit Enhancement Developments**



### Natural Gas & Liquids Infrastructure Completed (November/December 2018)

- All of Antero's firm transportation is now in-service
- · Provides clear path to flexible production growth outlook
  - Rover Sherwood Lateral: enabled AR to shift ~550 MMcf/d from local pricing to premium Midwest pricing
  - Mariner East 2: provides exposure to international LPG markets and a \$2/Bbl \$4/Bbl price uplift on exported barrels

### Hedge Restructuring & Deleveraging (December 2018)

- · Generated proceeds of \$357 million primarily used to repay debt
- Remaining hedge portfolio protects price on 100% of 2019 and >55% of 2020 expected natural gas production at ~\$3.00/MMBtu

### 3 2019 Capital Budget and Flexible Long-Term Outlook (January 2019)

- Disciplined plan with >20% reduction in D&C capital spending relative to 2018
- Spending within cash flow<sup>(1)</sup>, expecting 17% 20% YoY production growth
- Long-term outlook: 10% to 15% production growth, spending within cash flow (\$50/\$2.85)

### Midstream Simplification (Expected to close in March 2019)

- Provides AR with at least \$300 million in cash to reduce leverage
- · Eliminates IDRs and results in higher capital retention at AM

(1) Stand-alone drilling and completion capital spending at approximately Stand-alone Adjusted Operating Cash Flow levels assuming \$50 per barrel WTI oil and \$3.00 per MMBtu NYMEX natural gas prices.

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### Midstream simplification transaction expected to close on March 12, 2019 allows AR to further de-leverage and provides AM with an enhanced credit profile

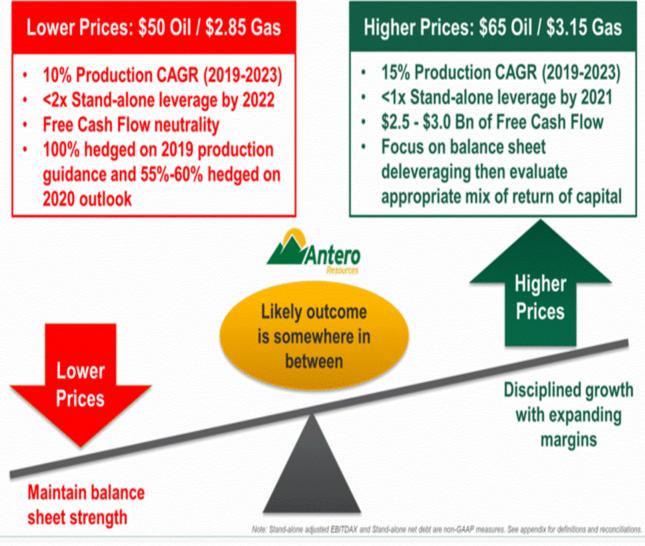
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- Simplifies the organizational structure
- Results in liquid midstream C-Corp for governance and tax purposes
- Provides AR with at least \$300 million of cash for further deleveraging
- Increases New AM retained cash flow from IDR elimination, tax efficiency and more flexible dividend policy
  - Improves New AM's trajectory towards investment grade credit profile
  - Further aligns the interest of all Antero stakeholders and management



Maintains Antero's integrated strategy & long-term outlook



Antero's flexible development program through 2023 will be responsive to commodity prices to grow production and maximize free cash flow

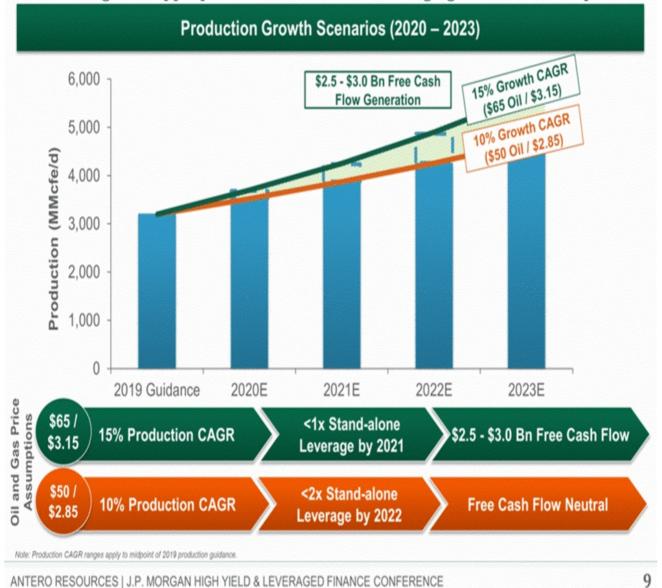


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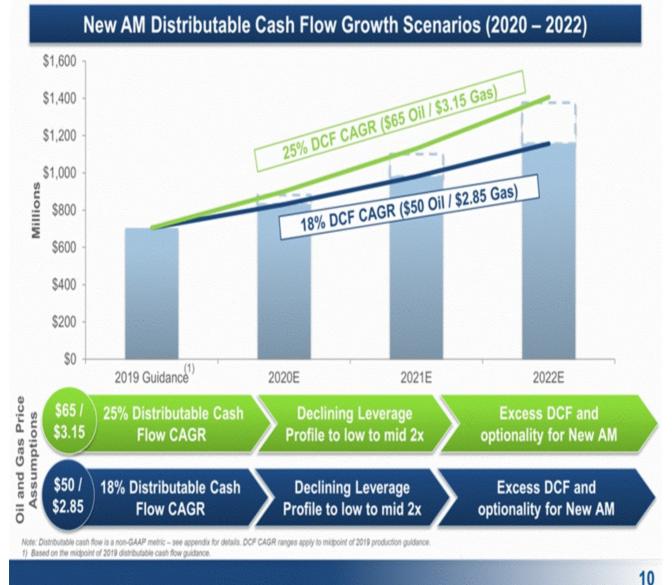
## Long-Term Outlook - AR

Antero is poised to prudently grow production to maximize free cash flow, ultimately resulting in an appropriate mix of further deleveraging then return of capital

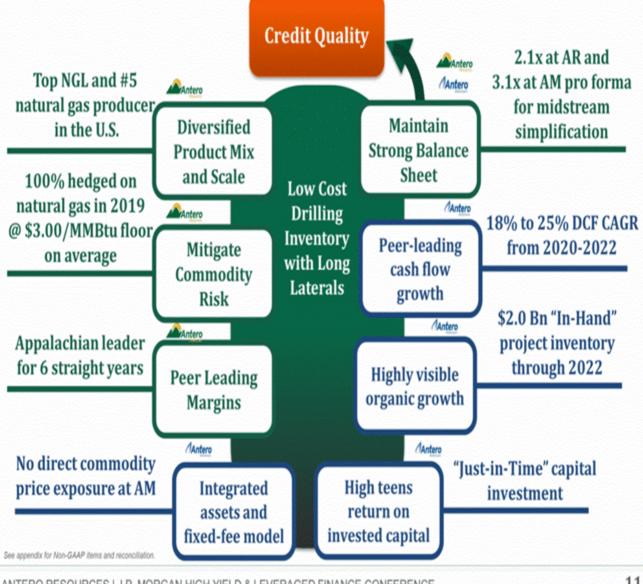
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## Long-Term Outlook – New AM Based on AR's flexible long-term outlook, AM is targeting an 18% - 25% distributable cash flow (DCF) CAGR from 2020 to 2022







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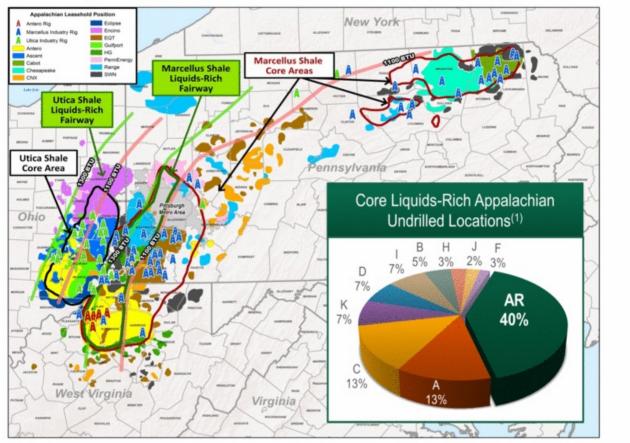


# World Class E&P Operator: Antero Resources

These materials are not to be printed, downloaded or distributed. These materials are only available to QIBs and non-US persons.

#### Antero Resources holds 40% of the core undrilled liquids-rich locations in Appalachia with attractive economics and low breakeven prices

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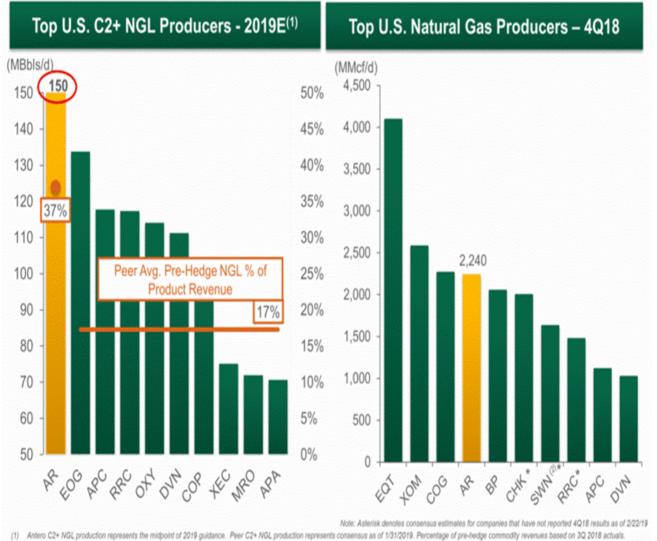


Peers include Ascent, CHK, CNX, COG, CVX, EQT, GPOR, HG, RRC and SWN. Based on Antero analysis of undeveloped acreage in the core of the Marcellus and Ohio Utica Shales. Rigs as of 2/1/2019. Locations as of 12/31/18.



## Antero

Antero is the largest NGL producer in the U.S. and 4<sup>th</sup> largest natural gas producer in the U.S. with ~3,000 core drilling locations and 18 Tcfe of proved reserves



(2) SWN gas production is adjusted for the sale of the company's Fayetteville assets, which closed on December 4, 2018. 4Q18 shown because gas production estimates for U.S. only not available for XOM and BP.

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## Antero has a 13-year inventory of drilling locations with a breakeven gas price (25% ROR threshold) below the 2020-2023 NYMEX gas strip (\$2.67/MMBtu)

#### Antero and Industry Best Gas Drilling Locations– Half Cycle Breakeven Prices<sup>(1)(2)</sup>

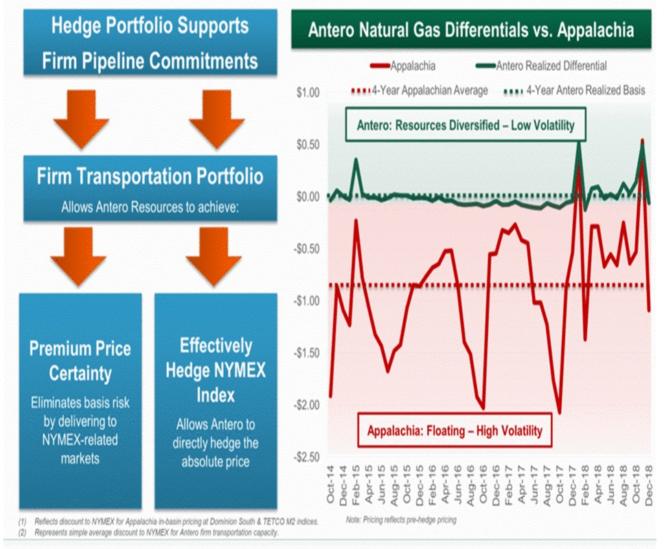


JP Morgan Equity Research breakeven analysis for best industry dry gas drilling locations. Excludes associated gas inventory with >50% liquids. Breakeven analysis for AR prepared by management based on same parameters as J.P. Morgan Equity Research calculation with the exception of the WTI oil price, Antero used strip WTI. Antero drilling inventory as of 12/31/18.

1) Breakeven price is defined as half cycle pre-tax ROR of 25%. Assumes average strip WTI oil price of \$53/Bbl as of 1/31/2019.

Antero half cycle well economics assume 12,000' lateral lengths and 69% of AM fees paid by AR to AM to account for AR's midstream dividend stream from AM (based on 31% pro forma ownership of New AM).
 2020-2023 average NYMEX Henry Hub price as of 01/31/19.

# Antero Resources is 100% hedged on natural gas through 2019; Hedges and FT provide price stability to support sustainable long-term development

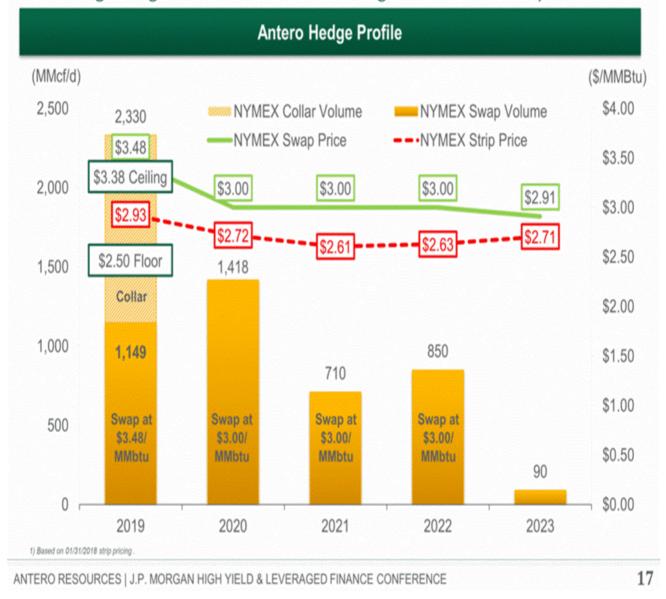


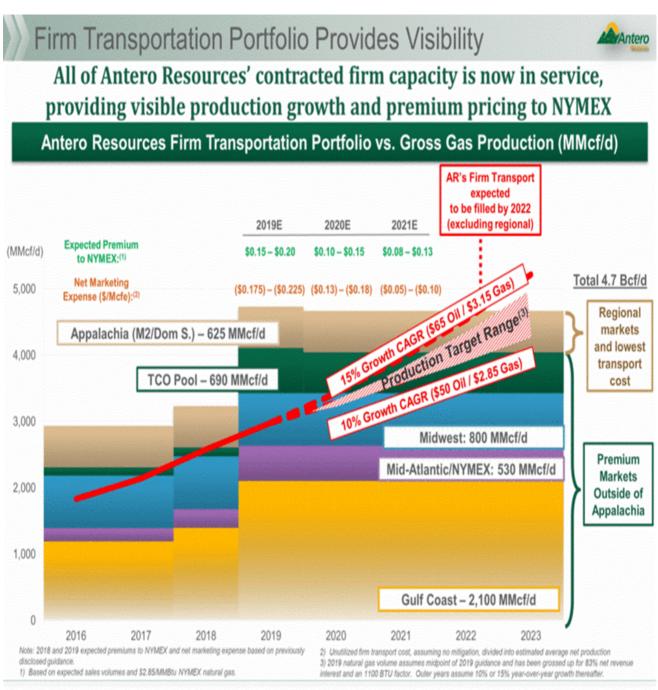
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## AR realized \$357 MM in proceeds from hedge restructuring while remaining 100% hedged on gas in 2019 and 55%-60% hedged in 2020 at ~\$3.00/MMBtu

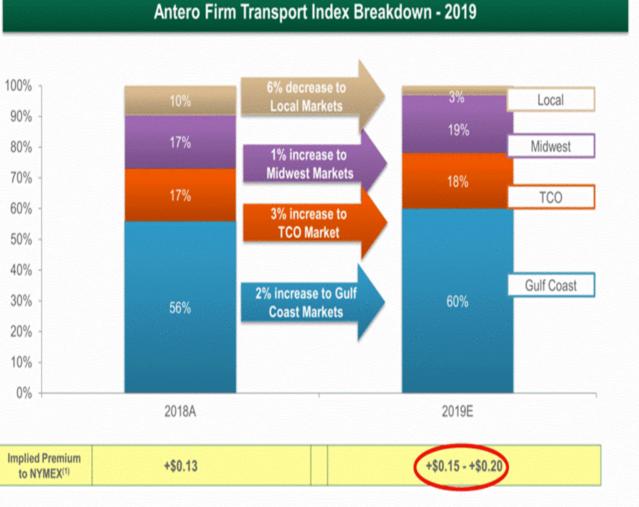
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## As a result of AR's firm transportation portfolio, substantially all of Antero's gas is expected to be sold in favorably priced markets resulting in a premium to NYMEX



Note: Local Index represents a blend of Dominion South and TETCO M2 pricing. Midwest index represents a blend of Chicago and MichCon pricing. Guil Coast index represents a blend of Guil and NYMEX-based pricing. 1) 2018 premium to NYMEX includes a ~\$0.27.Mcf Btu upgrade. 2019E premium to NYMEX represents 2019 guidance and assumes a \$0.30/Mcf Btu upgrade.

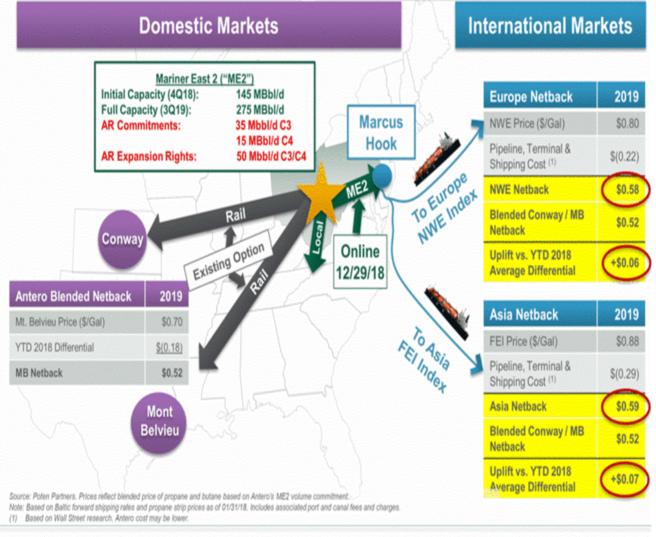
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## Antero's NGL Pricing Uplift from Mariner East 2

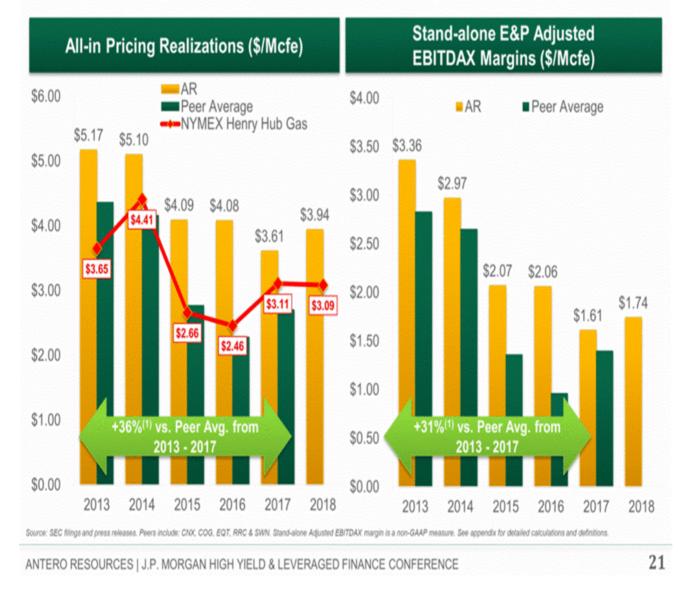


Mariner East 2 allows AR to access international LPG markets and realize a ~\$2/Bbl to \$4/Bbl uplift on its exported barrels 50,000 Bbl/d Mariner East 2 export capability equates to ~\$50 to \$60 MM of incremental annual cash flow



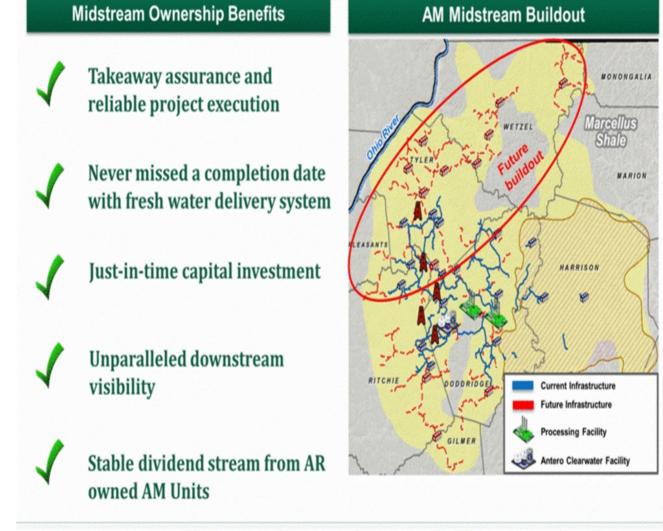
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### Antero's strategy has resulted in peer-leading realized prices and margins for 6 straight years and consistent results through commodity cycles





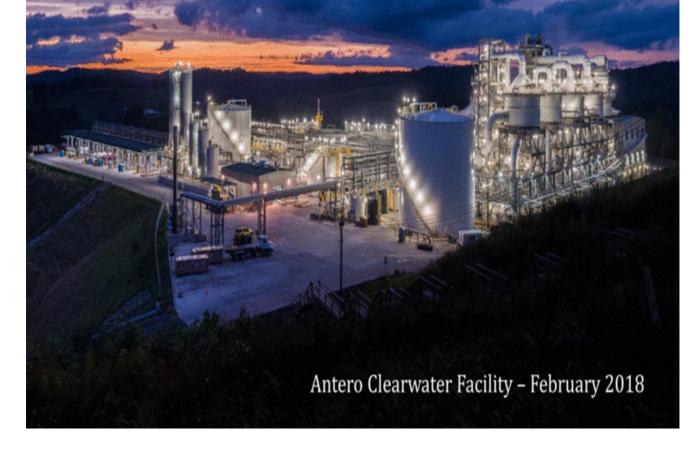
Owning and controlling the infrastructure is critical to sustainable development; Antero Midstream provides a customized midstream solution



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# Premier Northeast Infrastructure Platform





## High Growth Midstream Throughput

# Antero Midstream has delivered consistent, peer-leading, and sustainable growth through its organic investments



Gas Processing (MMcf/d)



Compression (MMcf/d)

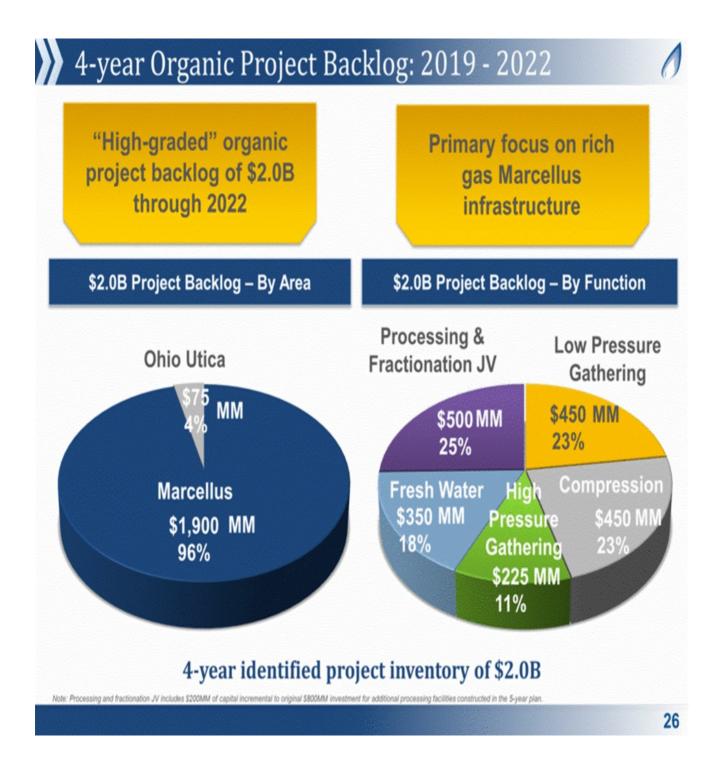


Fresh Water Delivery (MBbl/d)



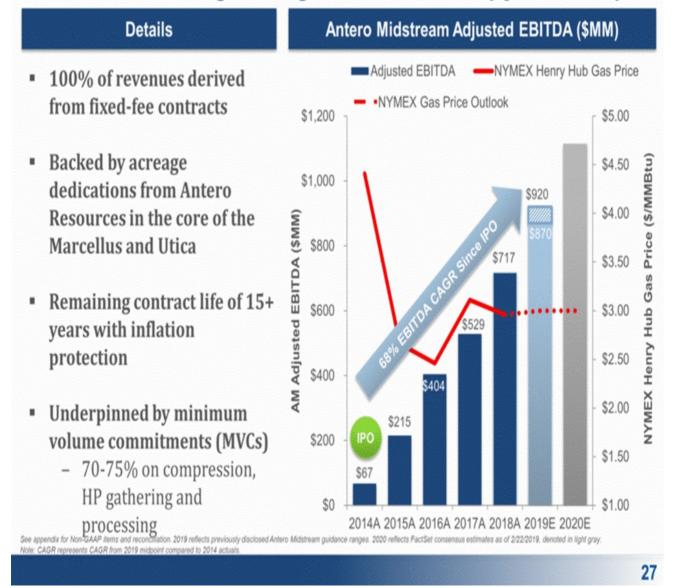
Note: CAGRs represent 2014-2018 growth period where applicable

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## Fixed Fee Business Model Supports Stable Cash Flows 🖉

Antero Midstream generates all of its revenues through fixed-fee contracts, insulating EBITDA growth from commodity price volatility



## Organic Strategy Drives Attractive Return on Capital

Fixed-fee tolling business combined with "Just-in-Time" capital investment drives attractive returns on capital across commodity environments

#### **Investment Philosophy**

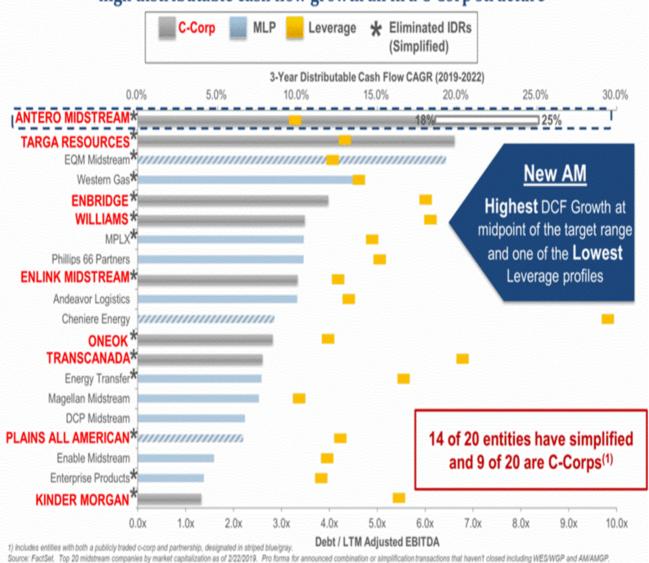
- Non-speculative "Just-in-Time" capital investment philosophy
  - Infrastructure planning and investment integrated with AR's development plan
- Grow organically, not through competitive acquisition market
- Keys to attractive economics:
  - Focus on projects where AR volumes drive growth
  - Provide customized and integrated solution, appropriately sizing infrastructure



Return on invested capital is a non-GAAP measure. For additional information regarding this measure, please see "Antero Midstream Non-GAAP Measures" in the Appendix

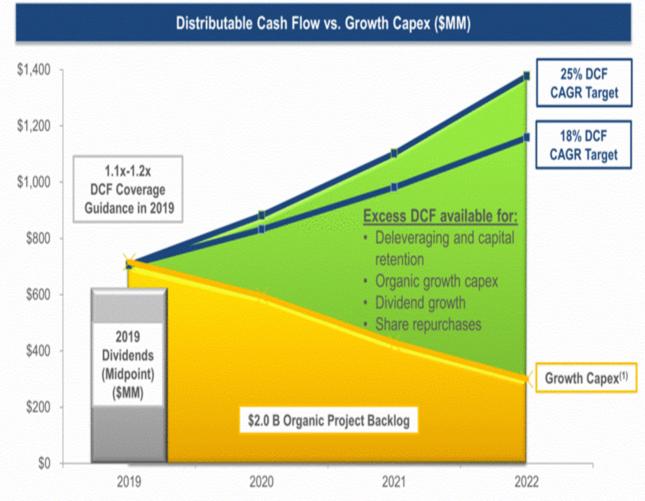
## Highest DCF Growth Among Top 20 Midstream

### New AM will be a unique midstream vehicle with scale, low leverage and high distributable cash flow growth all in a C-Corp structure



## DCF Profile Supports Capital Retention

# Antero Midstream's cash flow growth, self-funding business model, and declining capex profile drives optionality for New AM



Note: Distributable Cash Flow is a Non-GAAP measures. For additional information regarding these measures, please see appendix. Dividends and DCF targets pro forma for simplification transaction expected to close in March 2019.

1. Growth capex based on FactSet consensus estimates as of 2/22/2019.



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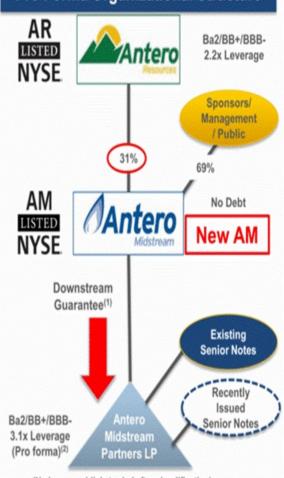


# Pro Forma Antero Corporate Structure

AM has an enhanced credit profile due to substantial increase in retained cash flow from IDR elimination, tax efficiencies, and revised dividend policy

### **Midstream Simplification Highlights**

- Simplifies midstream into one publicly traded C-corp for both governance and tax purposes ("New AM")
- Eliminates incentive distribution rights ("IDRs") lowering equity cost of capital
- Tax efficient and eliminates ~\$375 MM of expected taxes through 2022; New AM not expected to pay material corporate income taxes through 2024
- Improves trajectory towards investment grade credit profile
- Expected to close March 12, 2019



(No longer publicly traded after simplification)

1.4MGP has informed AM that it intends for New AM to guarantee each series of AM's outstanding notes upon closing of the simplification transaction. However, there can be no assurance that New AM will provide such guarantee. 2. Pro forma for midstream simplification transaction expected to close in March 2019.

### Pro Forma Organizational Structure

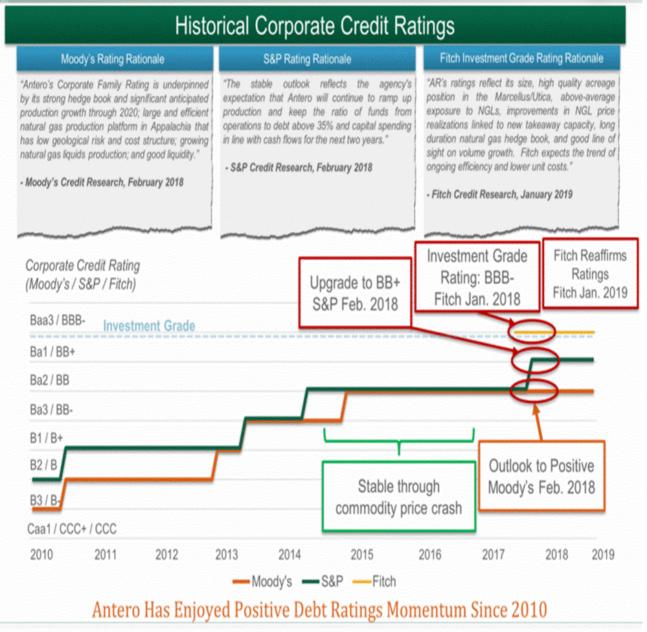
# Antero Capitalization – Pro forma as of 12/31/18

			Antero	
	As of December 31, 2018 (SMM)	Antero Midstream	Antero Resources (Stand-alone)	Antero Resources (Consolidated)
	Cash	\$0	\$0	\$0
	Debt			
	Revolving Credit Facility	\$990	\$405	\$1,395
<u> </u>	5.375% Senior Notes Due 2021		\$1,000	\$1,000
guo	5.125% Senior Notes Due 2022		\$1,100	\$1,100
0 /	5.625% Senior Notes Due 2023		\$750	\$750
s l	5.375% Senior Notes Due 2024	\$650		\$650
3	5.000% Senior Notes Due 2025		\$600	\$600
t 🖬	Net unamortized debt issuance costs	(\$8)	(\$25)	(\$33)
Status	Total Debt	\$1,632	\$3,830	\$5,462
S	Net Debt (Total Debt - Cash)	\$1,632	\$3,830	\$5,462
	LTM Adjusted EBITDA	\$717	\$1,717	\$2,037
	Debt / LTM Adjusted EBITDA	2.3x	2.2x	2.7x
	Credit Facility Capacity	\$1,500	\$2,500	
	Liquidity	\$510	\$2,095	
1	Publicly Announced Pro Forma Adjustments to	Antero Midstream	Antero Resources	Antero Resources
Ø	Net Debt Since December 31, 2018 (\$MM)		(Stand-alone)	(Consolidated)
EI	Cash Consideration for Simplification Transaction	\$598	(\$297)	\$301
5/	Total Adjustments to Net Debt: Increase / (Decrease)	\$598	(\$297)	\$301
Pro Forma	Pro Forma Net Debt	\$2,230	\$3,533	\$5,763
2	Pro Forma Debt / LTM Adjusted EBITDA	3.1x	2.1x	2.8x
₽	Credit Facility Capacity	\$2,000	\$2,500	
	let the saturd capacity	0	0	

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## Track Record of Positive Ratings Momentum

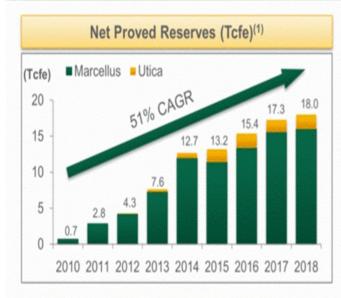




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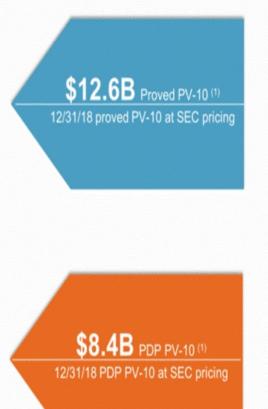
## Consistent Reserve Growth and Attractive Recycle Ratio





### Stand-alone Development Cost & Recycle Ratio<sup>(2)</sup>

(\$/Mcfe, unless otherwise noted)	4Q 2018 Actuals
Pre-Hedge Realized Price	\$4.05
Stand-alone Cash Costs (net of AM distributions)(3)	(2.34)
Adjusted Margin	\$1.71
Future Stand-alone PUD Development Costs	\$0.48
Unhedged Recycle Ratio	3.6x



2012, 2013, 2014 and 2015 reserves assuming <u>ethane rejection</u>. In 2016, 554 MMBbis of ethane assumed recovered to meet ethane contract. In 2017, 656 MMBbis of ethane assumed recovered to meet ethane contract. 12/31/2018 SEC prices were \$3.09/MMBtu for Nymex natural gas and \$85.66/Bbi for WTI oil. PV-10 is a non-GAAP measure. See appendix for definition.

2) Represents 4Q 2018 as reported.

3)

Includes cash production expenses, G&A and interest expense for Q4 reported results, net of Antero Midstream distributions received. Excludes cash costs associated with net marketing expense

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## Antero Definitions



**Consolidated Adjusted EBITDAX:** Represents net income or loss from continuing operations, including noncontrolling interests, before interest expense, interest income, derivative fair value gains or losses (excluding net cash receipts or payments on derivative instruments included in derivative fair value gains or losses), taxes, impairment, depletion, depreciation, amortization, and accretion, exploration expense, franchise taxes, equity-based compensation, gain or loss on early extinguishment of debt, and gain or loss on sale of assets. Consolidated Adjusted EBITDAX also includes distributions from unconsolidated affiliates and excludes equity in earnings or losses of unconsolidated affiliates. See "Antero Non-GAAP Measures" for additional detail.

Consolidated Adjusted Operating Cash Flow: Represents net cash provided by operating activities before changes in current assets and liabilities. See "Antero Non-GAAP Measures" for additional detail.

Consolidated Drilling & Completion Capital: Represents drilling and completion capital as reported in AR's consolidated cash flow statements (i.e., fees paid to AM for water handling and treatment are eliminated upon consolidation and only operating costs associated with water handling and treatment are capitalized).

Free Cash Flow: Represents Stand-alone Adjusted operating cash flow, less Stand-alone E&P Drilling and Completion capital, less Land Maintenance capital. See "Antero Non-GAAP Measures" for additional detail.

Land Maintenance Capital: Represents leasehold capital expenditures required to achieve targeted working interest percentage of 95% for 5-year development plan (i.e. historical average working interest), plus renewals associated with 5-year development plan.

Stand-alone Adjusted EBITDAX: Represents income or loss from continuing operations as reported in the Parent column of AR's guarantor footnote to its financial statements before interest expense, interest income, derivative fair value gains or losses from exploration and production and marketing (excluding net cash receipts or payments on derivative instruments included in derivative fair value gains or losses), impairment, depletion, depreciation, amortization, and accretion, exploration expense, franchise taxes, equity-based compensation, gain or loss on early extinguishment of debt, gain or loss on sale of assets, and gain or loss on changes in the fair value of contingent acquisition consideration. Stand-alone E&P Adjusted EBITDAX also includes distributions received from limited partner interests in Antero Midstream common units. See "Antero Non-GAAP Measures" for additional detail.

Stand-alone Adjusted Operating Cash Flow: Represents net cash provided by operating activities as reported in the Parent column of AR's guarantor footnote to its financial statements before changes in current assets and liabilities, plus the AM cash distributions payable to AR, plus the earn out payments expected from Antero Midstream associated with the water drop down transaction that occurred in 2015. See "Antero Non-GAAP Measures" on slide 35 for additional detail.

Stand-alone Drilling & Completion Capital: Represents drilling and completion capital as reported in the Parent column of AR's guarantor footnote to its financial statements and includes 100% of fees paid to AM for water handling and treatment and excludes operating costs associated with AM's Water Handling and Treatment segment).

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### Stand-alone Adjusted Operating Cash Flow and Free Cash Flow

Free Cash Flow as presented in this release and defined by the Company represents Stand-alone Adjusted Operating Cash Flow, less Stand-alone Drilling and Completion capital, less Land Maintenance Capital. Stand-alone Adjusted Operating Cash Flow represents net cash provided by operating activities that will be reported in the Parent column of Antero's guarantor footnote to its financial statements before changes in working capital items. Stand-alone Adjusted Operating Cash Flow is widely accepted by the investment community as a financial indicator of an oil and gas company's ability to generate cash to internally fund exploration and development activities and to service debt. Stand-alone Adjusted Operating Cash Flow is also useful because it is widely used by professional research analysts in valuing, comparing, rating and providing investment recommendations of companies in the oil and gas exploration and production industry. In turn, many investors use this published research in making investment decisions.

Management believes that Stand-alone Adjusted Operating Cash Flow and Free Cash Flow are useful indicators of the company's ability to internally fund its activities and to service or incur additional debt on a Stand-alone basis. Management believes that changes in current assets and liabilities, which are excluded from the calculation of these measures, relate to the timing of cash receipts and disbursements and therefore may not relate to the period in which the operating activities occurred and generally do not have a material impact on the ability of the company to fund its operations.

There are significant limitations to using Stand-alone Adjusted Operating Cash Flow and Free Cash Flow as measures of performance, including the inability to analyze the effect of certain recurring and non-recurring items that materially affect the company's net income on a Stand-alone basis, the lack of comparability of results of operations of different companies and the different methods of calculating Stand-alone Adjusted Operating Cash Flow and Free Cash Flow reported by different companies. Stand-alone Adjusted Operating Cash Flow and Free Cash Flow an

Stand-alone Adjusted Operating Cash Flow and Free Cash Flow are not measures of financial performance under GAAP and should not be considered in isolation or as a substitute for cash flows from operating, investing, or financing activities, as an indicator of cash flows, or as a measure of liquidity.

### Total Debt, Net Debt and Stand-alone Net Debt

Net Debt is calculated as total debt less cash and cash equivalents. Management uses Consolidated Net Debt and Stand-alone Net Debt to evaluate its financial position, including its ability to service its debt obligations.

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#### Adjusted EBITDAX and Stand-alone Adjusted EBITDAX

Adjusted EBITDAX as defined by the Company represents net income or loss, including noncontrolling interests, before interest expense, interest income, derivative fair value gains or losses, but including net cash receipts or payments on derivative instruments included in derivative fair value gains or losses, taxes, impairments, depletion, depreciation, amortization, and accretion, exploration expense, equity-based compensation, gain or loss on early extinguishment of debt, and gain or loss on sale of assets. Adjusted EBITDAX also includes distributions from unconsolidated affiliates and excludes equity in earnings or losses of unconsolidated affiliates.

Stand-alone Adjusted EBITDAX as defined by the Company represents income or loss as reported in the Parent column of Antero's guarantor footnote to its financial statements before interest expense, interest income, gains or losses from commodity derivatives and marketing derivatives, but including net cash receipts or payments on derivative instruments included in derivative gains or losses, income taxes, impairments, depletion, depreciation, amortization, and accretion, exploration expense, equity-based compensation, gain or loss on early extinguishment of debt, gain or loss on sale of assets, equity in earnings or loss of Antero Midstream and gain or loss on changes in the fair value of contingent acquisition consideration. Stand-alone Adjusted EBITDAX also includes distributions received from limited partner interests in Antero Midstream common units.

The GAAP financial measure nearest to Adjusted EBITDAX is net income or loss including noncontrolling interest that will be reported in Antero's condensed consolidated financial statements. The GAAP financial measure nearest to Stand-alone Adjusted EBITDAX is Stand-alone net income or loss that will be reported in the Parent column of Antero's guarantor footnote to its financial statements. While there are limitations associated with the use of Adjusted EBITDAX and Stand-alone Adjusted EBITDAX described below, management believes that these measures are useful to an investor in evaluating the company's financial performance because these measures:

- are widely used by investors in the oil and gas industry to measure a company's operating performance without regard to items excluded from the
  calculation of such term, which can vary substantially from company to company depending upon accounting methods and book value of assets, capital
  structure and the method by which assets were acquired, among other factors;
- helps investors to more meaningfully evaluate and compare the results of Antero's operations (both on a consolidated and Stand-alone basis) from
  period to period by removing the effect of its capital structure from its operating structure; and
- is used by management for various purposes, including as a measure of Antero's operating performance (both on a consolidated and Stand-alone basis), in presentations to the company's board of directors, and as a basis for strategic planning and forecasting. Adjusted EBITDAX is also used by the board of directors as a performance measure in determining executive compensation. Adjusted EBITDAX, as defined by our credit facility, is used by our lenders pursuant to covenants under our revolving credit facility and the indentures governing the company's senior notes.

There are significant limitations to using Adjusted EBITDAX and Stand-alone Adjusted EBITDAX as measures of performance, including the inability to analyze the effect of certain recurring and non-recurring items that materially affect the company's net income on a consolidated and Stand-alone basis, the lack of comparability of results of operations of different companies and the different methods of calculating Adjusted EBITDAX reported by different companies. In addition, Adjusted EBITDAX and Stand-alone Adjusted EBITDAX provide no information regarding a company's capital structure, borrowings, interest costs, capital expenditures, and working capital movement or tax position.

Antero has not included reconciliations of Stand-alone Adjusted Operating Cash Flow and Free Cash Flow to their nearest GAAP financial measures because it cannot do so without unreasonable effort and any attempt to do so would be inherently imprecise.

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## Antero Non-GAAP Measures Continued

The pre-tax PV-10 value is a non-GAAP financial measure as defined by the SEC. Antero believes that the presentation of pre-tax PV-10 is relevant and useful to its investors because it presents the discounted future net cash flows attributable to reserves prior to taking into account corporate future income taxes and the Company's current tax structure. The Company further believes investors and creditors use pre-tax PV-10 values as a basis for comparison of the relative size and value of its reserves as compared with other companies. Antero believes that PV-10 estimates using strip pricing can be used within the industry and by creditors and securities analysts to evaluate estimated net cash flows in the current commodity price environment.

The GAAP financial measure most directly comparable to pre-tax PV-10 is the standardized measure of discounted future net cash flows ("Standardized Measure"). The following sets forth the estimated future net cash flows from our proved reserves (without giving effect to our commodity derivatives), the present value of those net cash flows before income tax (PV-10) and the present value of those net cash flows after income tax (Standardized measure) at December 31, 2018:

#### (In millions, except per Mcf data)

	At D	018	
Future net cash flows	s	30,739	
Present value of future net cash flows:			
Before income tax (PV-10)	\$	12,589	
Income taxes	s	(2,111)	
After income tax (Standardized measure)	\$	10,478	

There is no directly comparable financial measure presented in accordance with GAAP for proved developed PV-10, and therefore a reconciliation to GAAP is not practicable.

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## Stand-alone LTM Adjusted EBITDAX Reconciliation

(in thousands)	Stand-alone Twelve months ended December 31, 2018
Net (loss) and comprehensive (loss) attributable to Antero Resources Corporation	\$ (397,517)
Commodity derivative fair value (gains) losses	87,594
Gains on settled commodity derivatives	243,112
Marketing derivative fair value gains	(94,081)
Gains on settled marketing derivatives	72,687
Interest expense	224,977
Income tax benefit	(128,857)
Depletion, depreciation, amortization, and accretion	845,136
Impairment of unproved properties	549,437
Impairment of gathering systems and facilities	4,470
Exploration expense	4,958
Gain on change in fair value of contingent acquisition consideration	93,019
Equity-based compensation expense	49,341
Equity in (earnings) loss of Antero Midstream Partners LP	3,664
Distributions from Antero Midstream Partners LP	159,181
Adjusted EBITDAX	\$ 1,717,121

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## Stand-alone Adjusted EBITDAX per Mcfe Reconciliation (Annual)

	 2013	2014	2015	2016	2017		102018	202018	302018		402018
(SMcfe)											
Natural Gas, Oil, Ethane and NGL sales	\$ 4.31	\$ 4.74	\$ 2.53	\$ 2.60	\$ 3.35	\$	3.56	\$ 3.35	\$ 3.70	\$	4.05
Realized commodity derivative gains (losses)	\$ 0.86	\$ 0.37	\$ 1.57	\$ 1.48	\$ 0.26	\$	0.47	\$ 0.42	\$ 0.28	\$	(0.09)
Distributions from Antero Midstream	\$	\$	\$ 0.16	\$ 0.17	\$ 0.16	\$	0.17	\$ 0.17	\$ 0.16	\$	0.15
Less: WGL + SJR Impact					\$ 0.10						
All-In E&P Revenue	\$ 5.17	\$ 5.10	\$ 4.27	\$ 4.25	\$ 3.77	\$	4.21	\$ 3.94	\$ 4.15	\$	4.11
Gathering, compression, processing, and transportation	\$ 1.25	\$ 1.46	\$ 1.56	\$ 1.70	\$ 1.75	s	1.80	\$ 1.79	\$ 1.77	\$	1.88
Production and ad valorem taxes	0.24	0.23	0.14	0.10	0.11		0.12	0.11	0.12		0.15
Lease operating expenses	0.05	0.08	0.07	0.07	0.11		0.15	0.14	0.14		0.15
Net Marketing Expense / (Gain)		0.14	0.23	0.16	0.13		(0.27)	0.30	0.31		0.22
General and administrative (before equity-based compensation)	 0.26	 0.23	0.20	 0.16	 0.15		0,15	 0.15	0.14		0.11
Total E&P Cash Costs	\$ 1.81	\$ 2.14	\$ 2.20	\$ 2.19	\$ 2.26	\$	1.93	\$ 2.48	\$ 2.48	\$	2.51
E&P EBITDAX Margin (All-In)	\$ 3.36	\$ 2.96	\$ 2.07	\$ 2.06	\$ 1.61	\$	2.28	\$ 1.46	\$ 1.68	\$	1.61
Production Volumes (Bcfe)	191	368	545	676	822		214	229	250		296
\$ Millions											
Natural Gas, Oil, Ethane and NGL sales	\$ 821	\$ 1,741	\$ 1,379	\$ 1,757	\$ 2,751	\$	762	\$ 768	\$ 925	s	1,197
Realized commodity derivative gains (losses)	164	138	857	1,003	214		101	96	71		(25)
Distributions from Antero Midstream		 	 89	112	132		36	 39	 41		44
All-In E&P Revenue	\$ 985	\$ 1,877	\$ 2,324	\$ 2,872	\$ 3,097	\$	900	\$ 903	\$ 1,037	\$	1,216
Gathering, compression, processing, and transportation	239	537	853	1,146	1,441		384	410	443		556
Production and ad valorem taxes	46	88	77	69	91		25	25	29		43
Lease operating expenses	9	28	36	51	94		31	32	35		44
Net Marketing Expense / (Gain)		50	123	106	108		(59)	69	78		66
General and administrative (before equity-based compensation)	50	 86	 108	110	 119		31	 33	 34		33
Total E&P Cash Costs	\$ 345	\$ 786	\$ 1,196	\$ 1,483	\$ 1,853	\$	413	\$ 569	\$ 619	\$	742

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# Maintenance Capital Methodology



<sup>a</sup> Maintenance Capital Calculation Methodology – Low Pressure Gathering

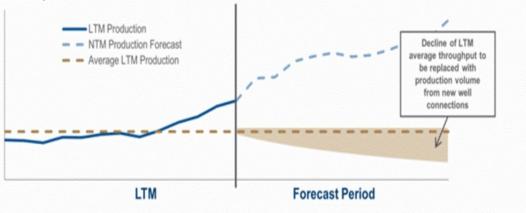
- Estimate the number of new well connections needed during the forecast period in order to offset the natural production decline and maintain the average throughput volume on our system over the LTM period
- (1) Compare this number of well connections to the total number of well connections estimated to be made during such period, and
- (2) Designate an equal percentage of our estimated low pressure gathering capital expenditures as maintenance capital expenditures

#### \* Maintenance Capital Calculation Methodology - Fresh Water Distribution

- Estimate the number of wells to which we would need to distribute fresh water during the forecast period in order to maintain the average fresh water throughput volume on our system over the LTM period
- (1) Compare this number of wells to the total number of new wells to which we expect to distribute fresh water during such period, and
- (2) Designate an equal percentage of our estimated water line capital expenditures as maintenance capital expenditures

Maintenance capital expenditures are cash expenditures (including expenditures for the construction or development of new capital assets or the replacement, improvement or expansion of existing capital assets) made to maintain, over the long term, our operating capacity or revenue

### Illustrative Example



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# Antero Midstream Non-GAAP Measures

#### Non-GAAP Financial Measures and Definitions

Antero Midstream views Adjusted EBITDA as an important indicator of the Partnership's performance. Antero Midstream defines Adjusted EBITDA as Net Income before interest expense, depreciation expense, impairment expense, accretion of contingent acquisition consideration, equity-based compensation expense, excluding equity in earnings of unconsolidated affiliates and including cash distributions from unconsolidated affiliates.

Antero Midstream uses Adjusted EBITDA to assess:

- the financial performance of the Partnership's assets, without regard to financing methods in the case of Adjusted EBITDA, capital structure or historical cost basis;
- its operating performance and return on capital as compared to other publicly traded partnerships in the midstream energy sector, without
  regard to financing or capital structure; and
- · the viability of acquisitions and other capital expenditure projects.

The Partnership defines Distributable Cash Flow as Adjusted EBITDA less interest paid, income tax withholding payments and cash reserved for payments of income tax withholding upon vesting of equity-based compensation awards, cash reserved for bond interest and ongoing maintenance capital expenditures paid. Antero Midstream uses Distributable Cash Flow as a performance metric to compare the cash generating performance of the Partnership from period to period and to compare the cash generating performance for specific periods to the cash distributions (if any) that are expected to be paid to unitholders. Distributable Cash Flow does not reflect changes in working capital balances.

The Partnership defines Return on Invested Capital as net income plus interest expense divided by average total liabilities and partners' capital, excluding current liabilities. Management believes that Return on Invested Capital is a useful indicator of the Partnership's return on its infrastructure investments.

The Partnership defines Net Debt as total debt minus cash. The following table reconciles consolidated total debt to consolidated net debt ("Net Debt") as used in this presentation (in thousands):

	Dece	ember 31, 2018		
Bank credit facility	S	990,000		
5.375% AM senior notes due 2024		650,000		
Net unamortized debt issuance costs		(7,853)		
Consolidated total debt	\$	1,632,147		
Cash and cash equivalents		-		
Consolidated net debt	\$	1,632,147		

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### Adjusted EBITDA and DCF Reconciliation (\$ in thousands)

	Years ended					
		Decem	ber 31	Ι,		
		2017		2018		
Net income	\$	307,315	\$	585,944		
Impairment of property and equipment		23,431		5,771		
Change in fair value of contingent acquisition consideration		_		(105,872)		
Adjusted Net Income	\$	344,872	\$	485,843		
Interest expense, net	1	37,557		61,906		
Depreciation		119,562		130,013		
Accretion of contingent acquisition consideration		13,476		12,853		
Accretion of asset retirement obligation				135		
Equity-based compensation		27,283		21,073		
Equity in earnings of unconsolidated affiliates		(20,194)		(40,280)		
Distributions from unconsolidated affiliates		20,195		46,415		
Gain on sale of assets - Antero Resources				(583)		
Adjusted EBITDA	\$	528,625	\$	717,375		
Interest paid		(46,666)		(62,844)		
Decrease (increase) in cash reserved for bond interest (1)		291		0		
Income tax withholding upon vesting of Antero Midstream Partners						
LP equity-based compensation awards <sup>(2)</sup>		(5,945)		(5,529)		
Maintenance capital expenditures <sup>(3)</sup>		(55,159)		(52,729)		
Distributable Cash Flow	\$	421,146	5	596,273		
Distributions Declared to Antero Midstream Holders						
Limited Partners		247,132		320,915		
Incentive distribution rights		69,720		142,906		
Total Aggregate Distributions	\$	316,852	\$	463,821		
DCF coverage ratio		1.33x		1.29x		

1) Cash reserved for bond interest expense on Antero Midstream's 5.375% senior notes outstanding during the period that is paid on a semi-annual basis on March 15th and September 15th of each year.

2) Estimate of current period portion of expected cash payment for income tax withholding attributable to vesting of Midstream LTIP equily-based compensation awards to be paid in the fourth quarter.

3) Maintenance capital expenditures represent the portion of our estimated capital expenditures associated with (i) the connection of new wells to our gathering and processing systems that we believe will be necessary to offset the natural production declines Antero Resources will experience on all of its wells over time, and (ii) water delivery to new wells necessary to maintain the average throughput volume on our systems.

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The following reconciles net income to Adjusted EBITDA and Distributable Cash Flow:

		<u>2014</u>					
5 in Thousands	<u>G&amp;</u>	<u>C Only</u>		<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>201</u>
Net income	S	16,832	\$	127,875	159,105	236,703	307,31
Interest expense, net		4,620		6,183	8,158	21,893	37,55
Impairment of property and equipment					-	-	23,43
Depreciation		36,789		53,029	86,670	99,861	119,56
Accretion and change in fair value of contingent acquisition consideration				-	3,333	16,489	13,47
Accretion of asset retirement obligations				-	-	-	-
Equity-based compensation		8,619		11,618	22,470	26,049	27,28
Equity in earnings of unconsolidated affiliates					-	-485	-20,19
Distributions from unconsolidated affiliates				-	-	7,702	20,19
Gain on sale of assets-Antero Resources				-	-	-	
Gain on sale of assets-third-party	S		\$			-3,859	-
Adjusted EBITDA		66,860	1933	198,705	279,736	404,353	528,62
Pre-IPO net income attributed to parent				-98,219	anan.	-	-
Pre-IPO depreciation attributed to parent				-43,419	-	-	-
Pre-IPO equity-based compensation attributed to parent				-8,697	-	-	
Pre-IPO interest expense attributed to parent				-5,358	-	-	
Pre-Water Acquisition net income attributed to parent				-22,234	-40,193	-	-
Pre-Water Acquisition depreciation attributed to parent				-3,086	-18,767		
Pre-Water Acquisition equity-based compensation attributed to parent				-654	-3,445	-	
Pre-Water Acquisition interest expense attributed to parent				-359	-2,326	-	-
Adjusted EBITDA Attributable to the Partnership	S	66,860	s	16,679	215,005	404,353	528,62
Interest paid	Brenewardbortechthode	-2981	A log room of the log	-331	-5,149	-13,494	-46,66
Increase (decrease) in cash reserved (paid) for bond interest		inne				-10,481	29
Income tax withholding upon vesting of Antero Midstream Partners equity- based compensation awards				anne	-4,806	-5,636	-5,94
Maintenance capital expenditures		-10,423		-1,157	-13,097	-21,622	-55,15
Distributable cash flow	s	53,456	S	15,191	191,953	353,120	421,14

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Adjusted EBITDA and Distributable Cash Flow are non-GAAP financial measures. The GAAP measure most directly comparable to Adjusted EBITDA and Distributable Cash Flow is Net Income. The non-GAAP financial measures of Adjusted EBITDA and Distributable Cash Flow should not be considered as alternatives to the GAAP measure of Net Income. Adjusted EBITDA and Distributable Cash Flow are not presentations made in accordance with GAAP and have important limitations as an analytical tool because they include some, but not all, items that affect Net Income and Adjusted EBITDA. You should not consider Adjusted EBITDA and Distributable Cash Flow in isolation or as a substitute for analyses of results as reported under GAAP. Antero Midstream's definition of Adjusted EBITDA and Distributable Cash Flow may not be comparable to similarly titled measures of other partnerships .

Antero Midstream has not included a reconciliation of Adjusted EBITDA and Distributable Cash Flow to their nearest GAAP financial measure for 2019 because it cannot do so without unreasonable effort and any attempt to do so would be inherently imprecise. Antero Midstream is able to forecast the following reconciling items between Adjusted EBITDA and Distributable Cash Flow and net income (in thousands):

	 Twelve Decer	Month nber 3	
	Low		High
Depreciation expense	\$ 180,000	-	\$ 185,000
Equity based compensation expense	48,000	-	52,000
Equity in earnings of unconsolidated affiliates	68,000	-	73,000
Distributions from unconsolidated affiliates	87,000		92,000

The Partnership cannot forecast interest expense due to the timing and uncertainty of debt issuances and associated interest rates. Additionally, Antero Midstream cannot reasonably forecast impairment expense as the impairment is driven by a number of factors that will be determined in the future and are beyond Antero Midstream's control currently.

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