

AMENDED AND RESTATED
CERTIFICATE OF INCORPORATION
OF
ANTERO RESOURCES CORPORATION

Antero Resources Corporation, (the “Corporation”) a corporation organized and existing under the General Corporation Law of the State of Delaware as set forth in Title 8 of the Delaware Code (the “DGCL”), hereby certifies as follows:

1. The original Certificate of Incorporation of the Corporation was filed under the name Antero Resources Barnett Corporation with the filing of the original Certificate of Incorporation of the Corporation with the Secretary of State of the State of Delaware on March 18, 2008. The Certificate of Incorporation of the Corporation was amended and restated for the first time on April 9, 2008 and was amended and restated for the second time on December 30, 2009 (the “2009 Certificate of Incorporation”). An amendment to the 2009 Certificate of Incorporation was filed with the Secretary of State of the State of Delaware on June 10, 2013, changing the name of the Corporation to Antero Resources Corporation.

2. This Amended and Restated Certificate of Incorporation (this “Amended and Restated Certificate of Incorporation”), which restates and amends the 2009 Certificate of Incorporation, has been declared advisable by the board of directors of the Corporation, duly adopted by the stockholders of the Corporation and duly executed and acknowledged by the officers of the Corporation in accordance with Sections 103, 228, 242 and 245 of the DGCL.

3. The 2009 Certificate of Incorporation is hereby amended and restated in its entirety to read as follows:

FIRST: The name of the corporation is Antero Resources Corporation (the “Corporation”).

SECOND: The address of its registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street, Wilmington, Delaware 19801 in New Castle County, Delaware. The name of its registered agent at such address is The Corporation Trust Company.

THIRD: The nature of the business or purposes to be conducted or promoted by the Corporation is to engage in any lawful act or activity for which corporations may be organized under the DGCL as it currently exists or may hereafter be amended.

FOURTH: The total number of shares of stock which the Corporation shall have authority to issue is 1,050,000,000 shares of stock, classified as (i) 50,000,000 shares of preferred stock, par value \$0.01 per share (“Preferred Stock”), and (ii) 1,000,000,000 shares of common stock, par value \$0.01 per share (“Common Stock”).

The designations and the powers, preferences, rights, qualifications, limitations and restrictions of the Preferred Stock and Common Stock are as follows:

1. Provisions Relating to Preferred Stock.

(a) The Preferred Stock may be issued from time to time in one or more classes or series, the shares of each series to have such designations and powers, preferences and rights, and qualifications, limitations and restrictions thereof, as are stated and expressed herein and in the resolution or resolutions providing for the issue of such series adopted by the board of directors of the Corporation (the “Board of Directors”) as hereafter prescribed (a “Preferred Stock Designation”).

(b) Authority is hereby expressly granted to and vested in the Board of Directors to authorize the issuance of the Preferred Stock from time to time in one or more classes or series, and with respect to each series of the Preferred Stock, to fix and state by the resolution or resolutions from time to time adopted by the Board of Directors providing for the issuance thereof the designation and the powers, preferences, rights, qualifications, limitations and restrictions relating to each series of the Preferred Stock, including, but not limited to, the following:

(i) whether or not the series is to have voting rights, full, special or limited, or is to be without voting rights, and whether or not such series is to be entitled to vote as a separate class either alone or together with the holders of one or more other classes or series of stock;

(ii) the number of shares to constitute the series and the designations thereof;

(iii) the preferences, and relative, participating, optional or other special rights, if any, and the qualifications, limitations or restrictions thereof, if any, with respect to any series;

(iv) whether or not the shares of any series shall be redeemable at the option of the Corporation or the holders thereof or upon the happening of any specified event, and, if redeemable, the redemption price or prices (which may be payable in the form of cash, notes, securities or other property), and the time or times at which, and the terms and conditions upon which, such shares shall be redeemable and the manner of redemption;

(v) whether or not the shares of a series shall be subject to the operation of retirement or sinking funds to be applied to the purchase or redemption of such shares for retirement, and, if such retirement or sinking fund or funds are to be established, the annual amount thereof, and the terms and provisions relative to the operation thereof;

(vi) the dividend rate, whether dividends are payable in cash, stock of the Corporation or other property, the conditions upon which and the times when such dividends are payable, the preference to or the relation to the payment of dividends payable on any other class or classes or series of stock, whether or not such dividends shall be cumulative or noncumulative, and if cumulative, the date or dates from which such dividends shall accumulate;

(vii) the preferences, if any, and the amounts thereof which the holders of any series thereof shall be entitled to receive upon the voluntary or involuntary liquidation, dissolution or winding up of, or upon any distribution of the assets of, the Corporation;

(viii) whether or not the shares of any series, at the option of the Corporation or the holder thereof or upon the happening of any specified event, shall be convertible into or exchangeable for, the shares of any other class or classes or of any other series of the same or any other class or classes of stock, securities or other property of the Corporation and the conversion price or prices or ratio or ratios or the rate or rates at which such exchange may be made, with such adjustments, if any, as shall be stated and expressed or provided for in such resolution or resolutions; and

(ix) such other powers, preferences, rights, qualifications, limitations and restrictions with respect to any series as may to the Board of Directors seem advisable.

(c) The shares of each series of the Preferred Stock may vary from the shares of any other series thereof in any or all of the foregoing respects.

2. Provisions Relating to Common Stock.

(a) Each share of Common Stock of the Corporation shall have identical rights and privileges in every respect. Common Stock shall be subject to the express terms of the Preferred Stock and any series thereof. Except as may otherwise be provided in this Amended and Restated Certificate of Incorporation, in a Preferred Stock Designation or by applicable law, the holders of shares of Common Stock shall be entitled to one vote for each such share upon all questions presented to the stockholders, the holders of shares of Common Stock shall have the exclusive right to vote for the election of directors and for all other purposes, and the holders of Preferred Stock shall not be entitled to vote at or receive notice of any meeting of stockholders. Each holder of Common Stock shall be entitled to notice of any stockholders' meeting in accordance with the bylaws of the Corporation (as in effect at the time in question) and applicable law on all matters put to a vote of the stockholders of the Corporation.

(b) Notwithstanding the foregoing, except as otherwise required by law, holders of Common Stock, as such, shall not be entitled to vote on any amendment to this Amended and Restated Certificate of Incorporation (including any certificate of designations relating to any series of Preferred Stock) that relates solely to the terms of one or more outstanding series of Preferred Stock if the holders of such affected series are entitled, either separately or together with the holders of one or more other such series, to vote thereon pursuant to this Amended and Restated Certificate of Incorporation (including any certificate of designations relating to any series of Preferred Stock) or pursuant to the DGCL.

(c) Subject to the prior rights and preferences, if any, applicable to shares of the Preferred Stock or any series thereof, the holders of shares of Common Stock shall be entitled to receive ratably in proportion to the number of shares of Common Stock held by them such dividends and distributions (payable in cash, stock or otherwise), if any, as may be declared thereon by the Board of Directors at any time and from time to time out of any funds of the Corporation legally available therefor.

(d) In the event of any voluntary or involuntary liquidation, dissolution or winding-up of the Corporation, after distribution in full of the preferential amounts, if any, to be distributed to the holders of shares of the Preferred Stock or any series thereof, the holders of shares of Common Stock shall be entitled to receive all of the remaining assets of the Corporation available for distribution to its stockholders, ratably in proportion to the number of shares of Common Stock held by them. A liquidation, dissolution or winding-up of the Corporation, as such terms are used in this paragraph (d), shall not be deemed to be occasioned by or to include any consolidation or merger of the Corporation with or into any other corporation or corporations or other entity or a sale, lease, exchange or conveyance of all or a part of the assets of the Corporation.

(e) The number of authorized shares of Common Stock or Preferred Stock may be increased or decreased (but not below the number of shares thereof then outstanding) by the affirmative vote of the holders of a majority in voting power of the outstanding shares of stock of the Corporation entitled to vote thereon irrespective of the provisions of Section 242(b)(2) of the DGCL (or any successor provision thereto), and no vote of the holders of either the Common Stock or the Preferred Stock voting separately as a class shall be required therefor.

FIFTH: The business and affairs of the Corporation shall be managed by or under the direction of the Board of Directors. The directors, other than those who may be elected by the holders of any series of Preferred Stock specified in the related Preferred Stock Designation, shall be divided, with respect to the time for which they severally hold office, into three classes, as nearly equal in number as is reasonably possible, with the initial term of office of the first class to expire at the 2014 annual meeting (the "Class I Directors"), the initial term of office of the second class to expire at the 2015 annual meeting (the "Class II Directors"), and the initial term of office of the third class to expire at the 2016 annual meeting (the "Class III Directors"), with each director to hold office until his or her successor shall have been duly elected and qualified. At each annual meeting of stockholders directors elected to succeed those directors whose terms then expire shall be elected for a term of office to expire at the third succeeding annual meeting of stockholders after their election, with each director to hold office until his or her successor shall have been duly elected and qualified. The Board of Directors is authorized to assign members of the Board of Directors already in office to Class I, Class II or Class III at the time such classification becomes effective.

Subject to the rights of holders of any series of Preferred Stock, any newly created directorship that results from an increase in the number of directors or any vacancy on the Board of Directors that results from the death, disability, resignation, disqualification or removal of any director or from any other cause shall be filled solely by the affirmative vote of a majority of the total number of directors then in office, even if less than a quorum, or by a sole remaining director and shall not be filled by the stockholders. Any director elected to fill a vacancy not resulting from an increase in the number of directors shall hold office for the remaining term of his or her predecessor. No decrease in the number of authorized directors constituting the Board of Directors shall shorten the term of any incumbent director.

Until the first date on which Antero Resources Investment LLC, Warburg Pincus LLC, Yorktown Partners LLC and Trilantic Capital Partners and their Affiliates (as such term is defined in Rule 12b-2 promulgated under the Securities Exchange Act of 1934, as amended)

(together, the “Sponsor Group”) no longer collectively own more than 50% of the outstanding shares of Common Stock of the Corporation (the “Trigger Date”) and subject to the rights of the holders of shares of any series of Preferred Stock, if any, to elect additional directors pursuant to this Amended and Restated Certificate of Incorporation (including any Preferred Stock Designation thereunder), any director may be removed at any time, either for or without cause, upon the affirmative vote of the holders of a majority of the outstanding shares of stock of the Corporation entitled to vote generally for the election of directors, acting at a meeting of the stockholders or by written consent (if permitted) in accordance with the DGCL, this Amended and Restated Certificate of Incorporation and the bylaws of the Corporation. From and after the Trigger Date and subject to the rights of the holders of shares of any series of Preferred Stock, if any, to elect additional directors pursuant to this Amended and Restated Certificate of Incorporation (including any Preferred Stock Designation thereunder), any director may be removed only for cause, upon the affirmative vote of the holders of at least a majority of the outstanding shares of stock of the Corporation entitled to vote generally for the election of directors, acting at a meeting of the stockholders or by written consent (if permitted) in accordance with the DGCL, this Amended and Restated Certificate of Incorporation and the bylaws of the Corporation.

Subject to the rights of the holders of any series of Preferred Stock to elect directors under specified circumstances, if any, the number of directors shall be fixed from time to time exclusively pursuant to a resolution adopted by a majority of the Board of Directors. Unless and except to the extent that the bylaws of the Corporation so provide, the election of directors need not be by written ballot.

SIXTH: Prior to the Trigger Date, any action required or permitted to be taken at any annual meeting or special meeting of the stockholders of the Corporation may be taken without a meeting, without prior notice and without a vote of stockholders, if a consent or consents in writing, setting forth the action so taken, is or are signed by the holders of outstanding stock having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereon were present and voted. On and after the Trigger Date, subject to the rights of holders of any series of Preferred Stock with respect to such series of Preferred Stock, any action required or permitted to be taken by the stockholders of the Corporation must be taken at a duly held annual or special meeting of stockholders and may not be taken by any consent in writing of such stockholders.

SEVENTH: Special meetings of stockholders of the Corporation may be called only by the Chief Executive Officer, the Chairman of the Board or the Board of Directors pursuant to a resolution adopted by a majority of the total number of directors which the Corporation would have if there were no vacancies; *provided, however*, that prior to the Trigger Date, special meetings of the stockholders of the Corporation may also be called by the Secretary of the Corporation at the request of the holders of record of a majority of the outstanding shares of Common Stock. From and after the Trigger Date, and subject to the rights of holders of any series of Preferred Stock, the stockholders of the Corporation do not have the power to call a special meeting of stockholders of the Corporation.

EIGHTH: In furtherance of, and not in limitation of, the powers conferred by the laws of the State of Delaware, the Board of Directors is expressly authorized to adopt, amend or repeal

the bylaws of the Corporation; *provided, however*, that, the provisions of this Article Eighth notwithstanding, the bylaws of the Corporation shall not be adopted, altered, amended or repealed by the stockholders of the Corporation (i) prior to the Trigger Date, except by the vote of holders of not less than 50% in voting power of the then-outstanding shares of stock entitled to vote thereon, voting together as a single class, or (ii) after the Trigger Date, except by the vote of holders of not less than 66 $\frac{2}{3}$ % in voting power of the then-outstanding shares of stock entitled to vote thereon, voting together as a single class.

NINTH: No director of the Corporation shall be liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except to the extent such exemption from liability or limitation thereof is not permitted under the DGCL as it now exists. In addition to the circumstances in which a director of the Corporation is not personally liable as set forth in the preceding sentence, a director of the Corporation shall not be liable to the fullest extent permitted by any amendment to the DGCL hereafter enacted that further limits the liability of a director.

Any amendment, repeal or modification of this Article Ninth shall be prospective only and shall not affect any limitation on liability of a director for acts or omissions occurring prior to the date of such amendment, repeal or modification.

TENTH: The Sponsor Group and their Affiliates (other than the Corporation and its subsidiaries), agents, shareholders, members, partners, officers, directors and employees, including any director or officer of the Corporation who is also a shareholder, member, partner, officer, director, or employee of any member of the Sponsor Group (each, a “Specified Party”), have participated (directly or indirectly) in and may, and shall have no duty not to, continue to (x) participate (directly or indirectly) in venture capital and other direct investments in corporations, joint ventures, limited liability companies and other entities conducting business of any kind, nature or description (“Other Investments”) and (y) have interests in, participate with, aid and maintain seats on the boards of directors or similar governing bodies of Other Investments, in each case that may, are or will be competitive with the business of the Corporation and its subsidiaries or in the same or similar lines of business as the Corporation and its subsidiaries, or that could be suitable for the Corporation or its subsidiaries. To the fullest extent permitted by applicable law, the Corporation, on behalf of itself and its subsidiaries, renounces any interest or expectancy of the Corporation and its subsidiaries in, or in being offered an opportunity to participate in, any such Other Investment or any business opportunities for such Other Investments that are from time to time presented to any Specified Party or are business opportunities in which a Specified Party participates or desires to participate, even if the Other Investment or business opportunity is one that the Corporation or its subsidiaries might reasonably be deemed to have pursued or had the ability or desire to pursue if granted the opportunity to do so, and each such Specified Party shall have no duty to communicate or offer any such Other Investment or business opportunity to the Corporation and, to the fullest extent permitted by applicable law, shall not be liable to the Corporation or any of its subsidiaries or any stockholder, including for breach of any fiduciary or other duty, as a director or officer or controlling stockholder or otherwise, and the Corporation shall indemnify each Specified Person against any claim that such Specified Person is liable to the Corporation or its stockholders for breach of any fiduciary duty, by reason of the fact that such Specified Party (i) participates in any such Other Investment or pursues or acquires any such business opportunity, (ii) directs any such

business opportunity to another person or (iii) fails to present any such Other Investment or business opportunity, or information regarding such Other Investment or business opportunity, to the Corporation or its subsidiaries, unless, in the case of a Specified Party who is a director of the Corporation, any such business opportunity is expressly offered to such Specified Party in writing solely in his or her capacity as a director of the Corporation.

Neither the amendment nor repeal of this Article Tenth, nor the adoption of any provision of this Amended and Restated Certificate of Incorporation or the bylaws of the Corporation, nor, to the fullest extent permitted by Delaware law, any modification of law, shall eliminate, reduce or otherwise adversely affect any right or protection of any person granted pursuant hereto existing at, or arising out of or related to any event, act or omission that occurred prior to, the time of such amendment, repeal, adoption or modification (regardless of when any proceeding (or part thereof) relating to such event, act or omission arises or is first threatened, commenced or completed).

If any provision or provisions of this Article Tenth shall be held to be invalid, illegal or unenforceable as applied to any circumstance for any reason whatsoever: (a) the validity, legality and enforceability of such provisions in any other circumstance and of the remaining provisions of this Article Tenth (including, without limitation, each portion of any paragraph of this Article Tenth containing any such provision held to be invalid, illegal or unenforceable that is not itself held to be invalid, illegal or unenforceable) shall not in any way be affected or impaired thereby and (b) to the fullest extent possible, the provisions of this Article Tenth (including, without limitation, each such portion of any paragraph of this Article Tenth containing any such provision held to be invalid, illegal or unenforceable) shall be construed so as to permit the Corporation to protect its directors, officers, employees and agents from personal liability in respect of their good faith service to or for the benefit of the Corporation to the fullest extent permitted by law.

This Article Tenth shall not limit any protections or defenses available to, or indemnification or advancement rights of, any director or officer of the Corporation under this Amended and Restated Certificate of Incorporation, the bylaws of the Corporation or applicable law. Any person or entity purchasing or otherwise acquiring any interest in any securities of the Corporation shall be deemed to have notice of and to have consented to the provisions of this Article Tenth.

ELEVENTH: The Corporation shall not be subject to the provisions of, 8 Del. C. § 203, as now in effect or hereafter amended, or any successor statute thereto, as permitted under and pursuant to subsection (b)(3) thereof.

TWELFTH: The Corporation shall have the right, subject to any express provisions or restrictions contained in this Amended and Restated Certificate of Incorporation or bylaws of the Corporation, from time to time, to amend this Amended and Restated Certificate of Incorporation or any provision hereof in any manner now or hereafter provided by law, and all rights and powers of any kind conferred upon a director or stockholder of the Corporation by this Amended and Restated Certificate of Incorporation or any amendment hereof are subject to such right of the Corporation.

THIRTEENTH: Notwithstanding any other provision of this Amended and Restated Certificate of Incorporation or the bylaws of the Corporation (and in addition to any other vote that may be required by law, this Amended and Restated Certificate of Incorporation or the bylaws of the Corporation), from and after the Trigger Date, the affirmative vote of the holders of at least 66 $\frac{2}{3}$ % in voting power of the outstanding shares of stock of the Corporation entitled to vote thereon, voting together as a single class, shall be required to amend, alter or repeal any provision of this Amended and Restated Certificate of Incorporation.

FOURTEENTH: Unless the Corporation consents in writing to the selection of an alternative forum, the Court of Chancery of the State of Delaware shall, to the fullest extent permitted by law, be the sole and exclusive forum for (i) any derivative action or proceeding brought on behalf of the Corporation, (ii) any action asserting a claim of breach of a fiduciary duty owed by any director, officer, employee or agent of the Corporation to the Corporation or the Corporation's stockholders, (iii) any action asserting a claim against the Corporation arising pursuant to any provision of the DGCL, this Amended and Restated Certificate of Incorporation or the Corporation's bylaws, or (iv) any action asserting a claim against the Corporation governed by the internal affairs doctrine, in each such case subject to said Court of Chancery having personal jurisdiction over the indispensable parties named as defendants therein. Any person or entity purchasing or otherwise acquiring any interest in shares of capital stock of the Corporation shall be deemed to have notice of and consented to the provisions of this Article Fourteenth.

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IN WITNESS WHEREOF, the undersigned has executed this Amended and Restated Certificate of Incorporation as of this 16th day of October, 2013.

ANTERO RESOURCES CORPORATION

By: /s/ Alvyn A. Schopp
Name: Alvyn A. Schopp
Title: Chief Administrative Officer and Regional
Vice President