

Matador Resources Co
Form 424B2
May 14, 2018
Table of Contents

**Filed Pursuant to Rule 424(b)(2)
Registration File No. 333-219932**

The information in this preliminary prospectus supplement is not complete and may be changed. This preliminary prospectus supplement and the accompanying prospectus are not an offer to sell these securities and are not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

Subject to Completion

Preliminary Prospectus Supplement dated May 14, 2018

PROSPECTUS SUPPLEMENT

(To prospectus dated August 11, 2017)

7,000,000 Shares

Matador Resources Company

Common Stock

We are selling 7,000,000 shares of our common stock. The underwriter has agreed to purchase our common stock from us at a price of \$ per share, which will result in approximately \$ million of proceeds to us (before offering expenses). The underwriter may offer shares of our common stock from time to time for sale in one or more transactions on the New York Stock Exchange (NYSE), in the over-the-counter market, through negotiated transactions or otherwise at market prices prevailing at the time of sale, at prices related to prevailing market prices or at negotiated prices. See Underwriting.

Our common stock is traded on the NYSE under the symbol MTDR. On May 11, 2018, the last sale price of our common stock as reported on the NYSE was \$33.78 per share.

Investing in our common stock involves a high degree of risk. See Risk Factors beginning on page S-4 of this prospectus supplement and on page 1 of the accompanying prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement or the accompanying prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The underwriter expects to deliver the shares of common stock to purchasers on _____, 2018.

Book-Running Manager

RBC Capital Markets

The date of this prospectus supplement is _____, 2018.

Table of Contents

TABLE OF CONTENTS

Prospectus Supplement

	Page
<u>About this Prospectus Supplement</u>	ii
<u>Where You Can Find More Information</u>	iii
<u>Cautionary Statement Regarding Forward-Looking Statements</u>	iv
<u>Summary</u>	S-1
<u>Risk Factors</u>	S-4
<u>Use of Proceeds</u>	S-7
<u>Capitalization</u>	S-8
<u>Price Range of Common Stock</u>	S-9
<u>Dividend Policy</u>	S-9
<u>Material United States Federal Income Tax Considerations for Non-U.S. Holders</u>	S-10
<u>Underwriting</u>	S-15
<u>Legal Matters</u>	S-22
<u>Experts</u>	S-22

Prospectus

<u>About this Prospectus</u>	i
<u>Where You Can Find More Information</u>	ii
<u>Cautionary Statement Regarding Forward-Looking Statements</u>	iv
<u>About Matador Resources Company</u>	1
<u>Risk Factors</u>	1
<u>Use of Proceeds</u>	1
<u>Ratio of Earnings to Fixed Charges</u>	2
<u>Description of the Debt Securities and Guarantees</u>	3
<u>Description of Capital Stock</u>	11
<u>Description of Warrants</u>	14
<u>Plan of Distribution</u>	15
<u>Legal Matters</u>	17
<u>Experts</u>	17

Table of Contents	3
-------------------	---

You should rely only on the information contained in this prospectus supplement, the accompanying prospectus and the documents we have incorporated by reference into this prospectus. We have not authorized anyone to provide you with different information. We are not making an offer of these securities in any jurisdiction where the offer is not permitted. You should not assume that the information contained in this prospectus supplement or the accompanying prospectus, as well as the information we previously filed with the Securities and Exchange Commission (the SEC) that is incorporated by reference in this prospectus, is accurate as of any date other than its respective date.

Table of Contents

ABOUT THIS PROSPECTUS SUPPLEMENT

This document is in two parts. The first part is this prospectus supplement and the information incorporated by reference herein, which, among other things, describes the specific terms of this offering. The second part is the accompanying prospectus and the information incorporated by reference therein, which, among other things, gives more general information, some of which may not apply to this offering. Generally, when we refer to this prospectus, we are referring to both this prospectus supplement and the accompanying prospectus. If any information varies between this prospectus supplement and the accompanying prospectus, you should rely on the information in this prospectus supplement.

Additional information about us, including our financial statements and the notes thereto, is incorporated in this prospectus by reference to certain of our filings with the SEC. You are urged to read carefully this prospectus and the information incorporated by reference in this prospectus, including the risk factors and other cautionary statements described under the heading **Risk Factors** included elsewhere in this prospectus and in Item 1A of Part I of our Annual Report on Form 10-K for the year ended December 31, 2017 before investing in our common stock. See **Where You Can Find More Information** in this prospectus supplement.

Table of Contents

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public over the Internet at the SEC's web site at <http://www.sec.gov> and at our website at <http://www.matadorresources.com>. You may also read and copy any document we file with the SEC at the SEC's public reference room at 100 F Street, NE, Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the public reference room and its copy charges.

We are incorporating by reference in this prospectus the information we file with the SEC, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference in this prospectus is an important part of this prospectus, and information that we file later with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings made with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended (the Exchange Act) (excluding any information furnished pursuant to Item 2.02 or Item 7.01 on any Current Report on Form 8-K):

Our Annual Report on Form 10-K for the year ended December 31, 2017, as filed with the SEC on March 1, 2018;

The information specifically incorporated by reference into our Annual Report on Form 10-K for the year ended December 31, 2017 from our Definitive Proxy Statement on Schedule 14A filed with the SEC on April 26, 2018;

Our Quarterly Report on Form 10-Q for the quarter ended March 31, 2018, as filed with the SEC on May 4, 2018;

Our Current Reports on Form 8-K, as filed with the SEC on January 30, 2018 and February 22, 2018; and

Description of our capital stock contained in our registration statement on Form 8-A filed with the SEC on January 27, 2012.

Any statement contained in a document incorporated by reference herein shall be deemed to be modified or superseded for all purposes to the extent that a statement contained in this prospectus or in any other subsequently filed document which is also incorporated, or deemed to be incorporated, by reference, modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

You may request a copy of any of the documents summarized or incorporated by reference in this prospectus, at no cost, by writing or telephoning us at the following address and phone number:

Matador Resources Company

Attention: Corporate Secretary

One Lincoln Centre

5400 LBJ Freeway, Suite 1500

Dallas, Texas 75240

(972) 371-5200

iii

Table of Contents

CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

Certain statements in this prospectus supplement and the documents incorporated by reference herein constitute forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the Securities Act), and Section 21E of the Exchange Act. Additionally, forward-looking statements may be made orally or in press releases, conferences, reports, on our website or otherwise, in the future, by us or on our behalf. Such statements are generally identifiable by the terminology used such as anticipate, believe, continue, could, estimate, expect, forecasted, hypothetical, intend, may, might, plan, potential, predict, project, should, words, although not all forward-looking statements contain such identifying words.

By their very nature, forward-looking statements require us to make assumptions that may not materialize or that may not be accurate. Forward-looking statements are subject to known and unknown risks and uncertainties and other factors that may cause actual results, levels of activity and achievements to differ materially from those expressed or implied by such statements. Such factors include, among others: general economic conditions, changes in oil, natural gas and natural gas liquids prices and the demand for oil, natural gas and natural gas liquids, the success of our drilling program, the timing and amount of planned capital expenditures, the sufficiency of our cash flow from operations together with available borrowing capacity under our credit agreement, uncertainties in estimating proved reserves and forecasting production results, operational factors affecting the commencement or maintenance of producing wells, the condition of the capital markets generally, as well as our ability to access them, the proximity to our properties and capacity of transportation facilities, availability of acquisitions, our ability to integrate acquisitions with our business, weather and environmental conditions, uncertainties regarding environmental regulations or litigation and other legal or regulatory developments affecting our business, and the other factors discussed below and elsewhere in this prospectus supplement and in other documents that we file with or furnish to the SEC, all of which are difficult to predict. Forward-looking statements may include statements about:

our business strategy;

our reserves;

our technology;

our cash flows and liquidity;

our financial strategy, budget, projections and operating results;

our oil and natural gas realized prices;

the timing and amount of future production of oil and natural gas;

the availability of drilling and production equipment;

the availability of oil field labor;

the amount, nature and timing of capital expenditures, including future exploration and development costs;

the availability and terms of capital;

our drilling of wells;

our ability to negotiate and consummate acquisition and divestiture opportunities;

government regulation and taxation of the oil and natural gas industry;

our marketing of oil and natural gas;

our exploitation projects or property acquisitions;

Table of Contents

the integration of acquisitions with our business;

our ability and the ability of our midstream joint venture to construct and operate midstream facilities, including the expansion and operation of our Black River cryogenic natural gas processing plant and the drilling of additional salt water disposal wells;

the ability of our midstream joint venture to attract third-party volumes;

our costs of exploiting and developing our properties and conducting other operations;

general economic conditions;

competition in the oil and natural gas industry, including in both the exploration and production and midstream segments;

the effectiveness of our risk management and hedging activities;

environmental liabilities;

counterparty credit risk;

developments in oil-producing and natural gas-producing countries;

our future operating results;

estimated future reserves and the present value thereof;

our plans, objectives, expectations and intentions contained in this prospectus that are not historical; and

other factors discussed in our Annual Report on Form 10-K for the year ended December 31, 2017 and our Quarterly Report on Form 10-Q for the quarter ended March 31, 2018.

Although we believe that the expectations conveyed by the forward-looking statements are reasonable based on information available to us on the date such forward-looking statements were made, no assurances can be given as to future results, levels of activity, achievements or financial condition.

You should not place undue reliance on any forward-looking statement and should recognize that the statements are predictions of future results, which may not occur as anticipated. Actual results could differ materially from those anticipated in the forward-looking statements and from historical results, due to the risks and uncertainties described above, as well as others not now anticipated. The impact of any one factor on a particular forward-looking statement is not determinable with certainty as such factors are interdependent upon other factors. The foregoing statements are not exclusive and further information concerning us, including factors that potentially could materially affect our financial results, may emerge from time to time. We undertake no obligation to update forward-looking statements to reflect actual results or changes in factors or assumptions affecting such forward-looking statements, except as required by law, including the securities laws of the United States and the rules and regulations of the SEC.

Table of Contents

SUMMARY

The following summary highlights selected information contained elsewhere in this prospectus supplement, the accompanying prospectus and in the documents incorporated by reference in this prospectus supplement and does not contain all the information you will need in making your investment decision. You should read carefully this entire prospectus supplement, the accompanying prospectus and the documents incorporated by reference in this prospectus supplement. See Where You Can Find More Information.

In this prospectus supplement, references to we, our or the Company refer to Matador Resources Company and its subsidiaries as a whole (unless the context indicates otherwise) and references to Matador refer solely to Matador Resources Company.

The Company

We are an independent energy company founded in July 2003 and engaged in the exploration, development, production and acquisition of oil and natural gas resources in the United States, with an emphasis on oil and natural gas shale and other unconventional plays. Our current operations are focused primarily on the oil and liquids-rich portion of the Wolfcamp and Bone Spring plays in the Delaware Basin in Southeast New Mexico and West Texas. We also operate in the Eagle Ford shale play in South Texas and the Haynesville shale and Cotton Valley plays in Northwest Louisiana and East Texas. Additionally, we conduct midstream operations, primarily through our midstream joint venture, San Mateo Midstream, LLC (San Mateo), in support of our exploration, development and production operations and provide natural gas processing, oil transportation services, oil, natural gas and salt water gathering services and salt water disposal services to third parties.

Recent Developments

Operations Update

We are focused on the exploration, delineation and development of our Delaware Basin acreage position in Loving County, Texas and Lea and Eddy Counties, New Mexico. We are operating six drilling rigs in the Delaware Basin, including three rigs in the Rustler Breaks asset area in Eddy County, New Mexico, one rig in the Wolf and Jackson Trust asset areas in Loving County, Texas, one rig in the Arrowhead, Ranger and Twin Lakes asset areas in Eddy County, New Mexico and Lea County, New Mexico and one rig in the Antelope Ridge asset area in Lea County, New Mexico. Depending on commodity prices, costs, opportunities in new asset areas like Antelope Ridge, liquidity and other factors, we may consider adding a seventh rig towards the end of 2018.

At May 2, 2018, we had \$45.0 million in outstanding borrowings under our revolving credit facility and approximately \$3.0 million in outstanding letters of credit issued pursuant to our revolving credit facility.

Recent Acreage Acquisitions and Midstream Development

We have continued to add to and improve our Delaware Basin acreage position in 2018. From January 1 through May 10, 2018, we have acquired approximately 3,600 net leasehold and mineral acres in the Delaware Basin, mostly in and around our existing acreage (the Acquired Acreage). These acquisitions include new leasing activities, acquisitions of interests from both mineral and working interest owners in units that we operate or expect to operate and acreage trades with other operators. We have incurred capital expenditures of approximately \$31.1 million since January 1, 2018 to acquire these leasehold and mineral interests. In addition, we incurred approximately \$14.5 million in additional drilling and completion expenditures in the first quarter of 2018 directly attributable to increased

working interests resulting from certain of the above-referenced acreage trades and other land-related improvements to our operating position (the Additional Working Interests).

S-1

Table of Contents

As of May 10, 2018, we have entered into agreements to acquire an additional 10,635 net leasehold and mineral acres in the Delaware Basin in and around our existing acreage positions, including leasehold and mineral interests in sections we currently operate, subject to customary due diligence and closing conditions (collectively with the Acquired Acreage and the Additional Working Interests, the Acreage Acquisitions). We expect to close these pending transactions in 2018, incurring additional capital expenditures of approximately \$132.8 million.

In addition, San Mateo currently has a number of midstream initiatives in the Delaware Basin that have been completed in 2018 or are either in progress or expected to be completed during 2018 (the San Mateo Midstream Development). The San Mateo Midstream Development includes (1) the expansion of the Black River cryogenic natural gas processing plant in Eddy County, New Mexico to a designed inlet capacity of 260 MMcf of natural gas per day, which was completed in the first quarter of 2018, (2) field compression, natural gas treating systems and an electrical substation in Eddy County, New Mexico, (3) at least three additional salt water disposal wells, one of which was completed early in the first quarter of 2018, and associated facilities and upgrades to certain existing salt water disposal wells in Eddy County, New Mexico, (4) the expansion of the oil gathering system in Loving County, Texas and the buildout of an oil transportation system in Eddy County, New Mexico and (5) continued expansion of San Mateo's natural gas and water gathering systems in Eddy County, New Mexico and Loving County, Texas, including associated well connects for Matador and additional customers. Approximately \$40 million of the estimated 2018 capital expenditures associated with these projects was budgeted to be funded by a portion of the net proceeds from our October 2017 equity offering. We expect to incur between \$30 and \$50 million in additional capital expenditures during 2018 relating to the San Mateo Midstream Development, which reflects our 51% share of San Mateo's capital expenditures relating to the San Mateo Midstream Development (such additional capital expenditures, the Midstream Development). In addition, due to our recent successful operating results in our Antelope Ridge asset area, we are evaluating the buildout of gathering systems and related infrastructure and the drilling of at least one salt water disposal well in our Antelope Ridge asset area.

Table of Contents

The Offering

Issuer	Matador Resources Company
Common Stock Offered	7,000,000 shares
Common Stock to be Outstanding after the Offering ¹	116,258,899 shares
Use of Proceeds	We expect to receive net proceeds of approximately \$ million from this offering, after deducting underwriting discounts and estimated offering expenses. We intend to use the net proceeds from this offering to fund the aggregate capital expenditures related to the Acreage Acquisitions and the Midstream Development and for general corporate purposes, including to fund a portion of our future capital expenditures. Pending such uses, we intend to repay all outstanding borrowings under our revolving credit facility and invest the remaining funds in short-term marketable securities. See Use of Proceeds.
Risk Factors	Investing in our common stock involves substantial risks. You should carefully consider the risk factors set forth in the section entitled Risk Factors and the other information contained in this prospectus supplement and the accompanying prospectus and the documents incorporated by reference herein, prior to making an investment in our common stock.
NYSE Symbol	MTDR

¹ Based on 109,258,899 shares outstanding as of May 2, 2018, and excludes 3,380,352 shares issuable pursuant to the exercise of outstanding stock options and the vesting and delivery of restricted stock units.

Table of Contents

RISK FACTORS

*Any investment in our common stock involves a high degree of risk. In addition to the risks described below, you should also carefully read all of the other information included in this prospectus supplement, the accompanying prospectus and the documents we have incorporated by reference into this prospectus supplement in evaluating an investment in our common stock. See **Where You Can Find More Information**. If any of the described risks actually were to occur, our business, financial condition, results of operations and cash flows could be materially adversely affected. In that event, the trading price of our common stock could decline, and you may lose all or part of your investment in our common stock.*

The risks described below and incorporated by reference herein are not the only ones facing the Company. Additional risks not presently known to us or that we currently deem immaterial individually or in the aggregate may also impair our business operations.

*This prospectus supplement and documents incorporated by reference herein also contain forward-looking statements that involve risks and uncertainties, some of which are described in the documents incorporated by reference in this prospectus supplement and the accompanying prospectus. Our actual results could differ materially from those anticipated in these forward-looking statements as a result of various factors, including the risks and uncertainties faced by us described below or incorporated by reference in this prospectus supplement and the accompanying prospectus. See **Cautionary Statement Regarding Forward-Looking Statements**.*

Risks Related to our Common Stock

The price of our common stock has fluctuated substantially and may fluctuate substantially in the future.

Our stock price has experienced volatility and could vary significantly as a result of a number of factors. Between January 1, 2017 and May 11, 2018, our stock price fluctuated between a high of \$35.22 and a low of \$20.13. In addition, the trading volume of our common stock may continue to fluctuate and cause significant price variations to occur. In the event of a drop in the market price of our common stock, you could lose a substantial part or all of your investment in our common stock. In addition, the stock markets in general have experienced extreme volatility that has often been unrelated to the operating performance of particular companies. These broad market fluctuations may adversely affect the trading price of our common stock.

Factors that could affect our stock price or result in fluctuations in the market price or trading volume of our common stock include:

our actual or anticipated operating and financial performance and drilling locations, including oil and natural gas reserves estimates;

quarterly variations in the rate of growth of our financial indicators, such as net income per share, net income and cash flows, or those of companies that are perceived to be similar to us;

changes in revenue, cash flows or earnings estimates or publication of reports by equity research analysts;

speculation in the press or investment community;

announcement or consummation of acquisitions or dispositions by us;

public reaction to our press releases, announcements and filings with the SEC;

sales of our common stock by us or shareholders, or the perception that such sales may occur;

general financial market conditions and oil and natural gas industry market conditions, including fluctuations in the price of oil, natural gas and natural gas liquids;

the realization of any of the risk factors presented in this prospectus supplement or in our Annual Report on Form 10-K for the year ended December 31, 2017;

S-4

Table of Contents

the recruitment or departure of key personnel;

commencement of or involvement in litigation;

the success of our exploration and development operations, our midstream business (including San Mateo) and the marketing of any oil, natural gas and natural gas liquids we produce;

changes in market valuations of companies similar to ours; and

domestic and international economic, legal and regulatory factors unrelated to our performance.

If we fail to maintain effective internal control over financial reporting in the future, our ability to accurately report our financial results could be adversely affected.

As a public company with listed equity securities, we are required to comply with laws, regulations and requirements, certain corporate governance provisions of the Sarbanes-Oxley Act of 2002 (the "Sarbanes-Oxley Act"), related regulations of the SEC and the requirements of the NYSE. Complying with these statutes, regulations and requirements is difficult and costly and occupies a significant amount of time of our board of directors and management.

Pursuant to the Sarbanes-Oxley Act, we are required to maintain internal control over financial reporting. Our efforts to maintain our internal controls may not be successful, and we may be unable to maintain effective controls over our financial processes and reporting in the future and comply with the certification and reporting obligations under Sections 302 and 404 of the Sarbanes-Oxley Act. Our management does not expect that our internal controls and disclosure controls will prevent all possible error or all fraud. Further, our remediation efforts may not enable us to avoid material weaknesses in the future. Any failure to maintain effective controls could result in material misstatements that are not prevented or detected and corrected on a timely basis, which could potentially subject us to sanction or investigation by the SEC, the NYSE or other regulatory authorities. Ineffective internal controls could also cause investors to lose confidence in our reported financial information and adversely affect our business and our stock price.

We do not presently intend to pay any cash dividends on or repurchase any shares of our common stock.

We do not presently intend to pay any cash dividends on or repurchase any shares of our common stock. Any payment of future dividends will be at the discretion of our board of directors and will depend on, among other things, our earnings, financial condition, capital requirements, level of indebtedness, statutory and contractual restrictions applicable to the payment of dividends and other considerations that our board of directors deems relevant. Cash dividend payments in the future may only be made out of legally available funds and, if we experience substantial losses, such funds may not be available. In addition, certain covenants in our revolving credit facility and the indenture governing our outstanding senior notes may limit our ability to pay dividends or repurchase shares of our common stock. Accordingly, you may have to sell some or all of your common stock in order to generate cash flow from your investment, and there is no guarantee that the price of our common stock will exceed the price you paid.

Future sales of shares of our common stock by existing shareholders and future offerings of our common stock by us could depress the price of our common stock.

The market price of our common stock could decline as a result of sales of a large number of shares of our common stock in the market, including shares of equity or debt securities convertible into common stock, and the perception that these sales could occur may also depress the market price of our common stock. If our existing shareholders sell, or indicate an intent to sell, substantial amounts of our common stock in the public market, the trading price of our common stock could decline significantly. Sales of our common stock may make it more difficult for us to sell equity securities in the future at a time and at a price that we deem appropriate. These sales could also cause our stock price to decrease and make it more difficult for you to sell shares of our common stock.

S-5

Table of Contents

We may also sell or issue additional shares of common stock or equity or debt securities convertible into common stock in public or private offerings or in connection with acquisitions. We cannot predict the size of future issuances of our common stock or convertible securities or the effect, if any, that future issuances and sales of shares of our common stock or convertible securities would have on the market price of our common stock.

Provisions of our certificate of formation, bylaws and Texas law may have anti-takeover effects that could prevent a change in control even if it might be beneficial to our shareholders.

Our certificate of formation and bylaws contain certain provisions that may discourage, delay or prevent a merger or acquisition that our shareholders may consider favorable. These provisions include:

authorization for our board of directors to issue preferred stock without shareholder approval;

a classified board of directors so that not all members of our board of directors are elected at one time;

the prohibition of cumulative voting in the election of directors; and

a limitation on the ability of shareholders to call special meetings to those owning at least 25% of our outstanding shares of common stock.

Provisions of Texas law may also discourage, delay or prevent someone from acquiring or merging with us, which may cause the market price of our common stock to decline. Under Texas law, a shareholder who beneficially owns more than 20% of our voting stock, or an affiliated shareholder, cannot acquire us for a period of three years from the date this person became an affiliated shareholder, unless various conditions are met, such as approval of the transaction by our board of directors before this person became an affiliated shareholder or approval of the holders of at least two-thirds of our outstanding voting shares not beneficially owned by the affiliated shareholder.

Our directors and executive officers own a significant percentage of our common stock, which could give them influence in corporate transactions and other matters, and the interests of our directors and executive officers could differ from other shareholders.

As of May 11, 2018, our directors and executive officers beneficially owned approximately 11% of our outstanding common stock. These shareholders could influence or control to some degree the outcome of matters requiring a shareholder vote, including the election of directors, the adoption of any amendment to our certificate of formation or bylaws and the approval of mergers and other significant corporate transactions. Their influence or control of the Company may have the effect of delaying or preventing a change of control of the Company and may adversely affect the voting and other rights of other shareholders. In addition, due to their ownership interest in our common stock, our directors and executive officers may be able to remain entrenched in their positions.

Our board of directors can authorize the issuance of preferred stock, which could diminish the rights of holders of our common stock and make a change of control of the Company more difficult even if it might benefit our shareholders.

Our board of directors is authorized to issue shares of preferred stock in one or more series and to fix the voting powers, preferences and other rights and limitations of the preferred stock. Accordingly, we may issue shares of preferred stock with a preference over our common stock with respect to dividends or distributions on liquidation or dissolution, or that may otherwise adversely affect the voting or other rights of the holders of common stock.

Issuances of preferred stock, depending upon the rights, preferences and designations of the preferred stock, may have the effect of delaying, deterring or preventing a change of control of the Company, even if that change of control might benefit our shareholders.

S-6

Table of Contents

USE OF PROCEEDS

We expect to receive net proceeds of approximately \$ million from this offering, after deducting underwriting discounts and estimated offering expenses. We intend to use the net proceeds from this offering to fund the aggregate capital expenditures related to the Acreage Acquisitions and the Midstream Development and for general corporate purposes, including to fund a portion of our future capital expenditures. Pending such uses, we intend to repay all outstanding borrowings under our revolving credit facility and invest the remaining funds in short-term marketable securities.

We had no borrowings outstanding under our revolving credit facility as of March 31, 2018. At May 2, 2018, we had \$45.0 million in outstanding borrowings under our revolving credit facility and approximately \$3.0 million in outstanding letters of credit issued pursuant to our revolving credit facility, with a weighted average interest rate of approximately 3.4%. Our revolving credit facility matures on October 16, 2020.

S-7

Table of Contents**CAPITALIZATION**

The following table sets forth our cash and consolidated capitalization at March 31, 2018:

on a historical basis; and

on an as adjusted basis, giving effect to the completion of this offering and our application of the estimated net proceeds thereof as described in Use of Proceeds.

The following table is unaudited and should be read together with Use of Proceeds, the discussion under the heading Management's Discussion and Analysis of Financial Condition and Results of Operations included in our Quarterly Report on Form 10-Q for the period ended March 31, 2018 and the related notes thereto included or incorporated by reference in this prospectus supplement.

	At March 31, 2018	
	Actual	As Adjusted
(In thousands, except for shares)		
Cash⁽¹⁾	\$ 27,030	\$
Long-term debt (including current maturities):		
Revolving credit facility ⁽²⁾	\$	\$
6.875% Senior Notes due 2023 ⁽³⁾	\$ 575,000	\$ 575,000
Total long-term debt:	\$ 575,000	\$ 575,000
Shareholders' equity:		
Common stock \$0.01 par value ⁽⁴⁾	1,094	
Additional paid-in capital	1,684,188	
Accumulated deficit	(450,590)	(450,590)
Treasury stock, at cost, 84,853 shares	(2,446)	(2,446)
Total Matador Resources Company shareholders equity	\$ 1,232,246	\$
Total capitalization	\$ 1,807,246	\$

(1) Excludes approximately \$25.8 million of restricted cash held by our less than wholly-owned subsidiaries.

(2) As of March 31, 2018, the borrowing base under our revolving credit facility was \$725 million with an elected borrowing commitment of \$400 million. As of May 2, 2018, we had \$45.0 million in borrowings and approximately \$3.0 million of letters of credit outstanding under our revolving credit facility, and approximately \$352.0 million remained available for additional borrowing.

(3) Amounts are reflected at principal amount and exclude unamortized debt issuance costs of approximately \$6.0 million on \$400 million of our 6.875% Senior Notes due 2023 issued on April 14, 2015 and unamortized issue premium less debt issuance costs of approximately \$5.2 million on \$175 million of our 6.875% Senior

Notes due 2023 issued on December 9, 2016, the remainder of which will be amortized over the life of such notes.

- (4) As of March 31, 2018, we had 160,000,000 shares authorized, 109,346,765 shares issued and 109,261,912 shares outstanding.

S-8

Table of Contents**PRICE RANGE OF COMMON STOCK**

On February 2, 2012, our common stock began trading on the NYSE under the symbol MTDR. The following table shows, for the periods indicated, the high and low reported sale price per share for our common stock, as reported on the NYSE.

Quarter Ended	High	Low
March 31, 2016	\$ 20.94	\$ 11.13
June 30, 2016	\$ 25.54	\$ 18.03
September 30, 2016	\$ 24.71	\$ 18.56
December 31, 2016	\$ 27.71	\$ 20.45
March 31, 2017	\$ 28.51	\$ 21.15
June 30, 2017	\$ 24.71	\$ 20.13
September 30, 2017	\$ 27.78	\$ 20.52
December 31, 2017	\$ 31.59	\$ 24.04
March 31, 2018	\$ 33.96	\$ 27.09
June 30, 2018 (through May 11, 2018)	\$ 35.22	\$ 26.97

On May 11, 2018, the last sale price of our common stock as reported on the NYSE was \$33.78 per share. As of May 11, 2018, there were approximately 350 holders of record of our common stock.

DIVIDEND POLICY

We do not anticipate declaring or paying any cash dividends to holders of our common stock in the foreseeable future. We currently intend to retain future earnings to finance the expansion of our business. Our future dividend policy is within the discretion of our board of directors and will depend upon various factors, including our results of operations, financial condition, capital requirements and investment opportunities. In addition, certain covenants in our revolving credit facility and the indenture governing our senior notes may limit our ability to pay dividends on our common stock.

Table of Contents

**MATERIAL UNITED STATES FEDERAL INCOME TAX CONSIDERATIONS
FOR NON-U.S. HOLDERS**

The following discussion describes certain material United States federal income tax considerations and, to a limited extent, United States federal estate tax considerations relating to the purchase, ownership and disposition of our common stock. Except where noted, this summary deals only with common stock that is held as a capital asset (generally, property held for investment) by a non-U.S. holder (as defined below).

A non-U.S. holder means a beneficial owner of our common stock that, for United States federal income tax purposes, is an individual, corporation (or any other entity treated as a corporation for United States federal income tax purposes), estate or trust and is not any of the following:

an individual citizen or resident of the United States, including without limitation an alien individual who is a lawful permanent resident of the United States or who meets the substantial presence test under Section 7701(b) of the Internal Revenue Code of 1986, as amended, which we refer to as the Code ;

a corporation (or any other entity treated as a corporation for United States federal income tax purposes) created or organized in or under the laws of the United States, any state thereof or the District of Columbia;

an estate, the income of which is subject to United States federal income taxation regardless of its source; or

a trust if (1) its administration is subject to the primary supervision of a court within the United States and one or more United States persons have the authority to control all substantial decisions of the trust or (2) it has a valid election in effect under applicable United States Treasury regulations to be treated as a United States person.

This summary is based upon provisions of the Code and Treasury regulations, administrative rulings (including published positions of the Internal Revenue Service (IRS)) and judicial decisions, all as in effect on the date of this prospectus supplement. Those authorities are subject to change or differing interpretation, perhaps with retroactive effect, so as to result in United States federal income and estate tax consequences different from those summarized below. There may be future changes in U.S. federal income tax laws that may have adverse tax consequences on the purchase, ownership and disposition of our common stock and the value of our tax assets and may result in materially different tax consequences than as described herein. This summary does not address all aspects of United States federal income and estate taxation and does not deal with foreign, state, local, gift or alternative minimum tax or other tax considerations that may be relevant to non-U.S. holders in light of their personal circumstances. In addition, this summary does not address tax considerations applicable to investors that may be subject to special treatment under the United States federal income tax laws such as (without limitation):

United States expatriates and certain former citizens or long-term residents of the United States;

shareholders that hold our common stock as part of a straddle, appreciated financial position, synthetic security, hedge, conversion transaction, constructive sale or other integrated investment, risk reduction transaction or other arrangement involving more than one position;

shareholders that acquired our common stock through the exercise of employee stock options or otherwise as compensation for services, or through a tax-qualified retirement plan;

shareholders that are partnerships or entities treated as partnerships for United States federal income tax purposes, or other pass-through entities, and owners thereof;

financial institutions and banks;

insurance companies;

S-10

Table of Contents

persons that hold in excess of 5% of our common stock;

qualified foreign pension funds (or any entities all of the interests of which are held by a qualified foreign pension fund);

controlled foreign corporations, passive foreign investment companies and corporations that accumulate earnings to avoid United States federal income tax;

real estate investment trusts and regulated investment companies;

tax-exempt entities or other tax-deferred accounts;

governmental organizations;

broker-dealers or dealers in securities or foreign currencies;

traders in securities that use the mark-to-market method of accounting for United States federal income tax purposes; and

shareholders who hold shares of our common stock other than as a capital asset within the meaning of Section 1221 of the Code.

If a partnership (including an entity or arrangement treated as a partnership for United States federal income tax purposes) holds our common stock, the tax treatment of a partner generally will depend upon the status of the partner and the activities of the partnership. If you are a partner of a partnership (including an entity or arrangement treated as a partnership for United States federal income tax purposes) holding our common stock, you should consult your tax advisor regarding the United States federal income tax consequences of the purchase, ownership and disposition of our common stock by such partnership.

Moreover, this discussion does not address any aspect of non-income taxation (except to a limited extent under the heading "U.S. Federal Estate Tax" below), any state, local or non-U.S. taxation or the effect of any tax treaty. No ruling has or will be obtained from the IRS regarding any U.S. federal tax consequences relating to the purchase, ownership or disposition of shares of our common stock. As a result, no assurance can be given that the IRS will not assert, or that a court will not sustain, a position contrary to the conclusions set forth below. We have not sought, nor will we seek, any ruling from the IRS with respect to the statements made and the conclusions reached in the following summary, and there can be no assurance that the IRS or a court will agree with such statements and conclusions.

THIS DISCUSSION IS NOT A SUBSTITUTE FOR AN INDIVIDUAL ANALYSIS OF THE TAX CONSEQUENCES RELATING TO AN INVESTMENT IN SHARES OF OUR COMMON STOCK. INVESTORS CONSIDERING THE PURCHASE OF OUR COMMON STOCK SHOULD CONSULT THEIR TAX ADVISORS WITH RESPECT TO THE APPLICATION OF THE UNITED STATES FEDERAL

INCOME AND ESTATE TAX LAWS TO THEIR PARTICULAR SITUATIONS AS WELL AS ANY TAX CONSEQUENCES ARISING UNDER THE UNITED STATES FEDERAL GIFT TAX LAWS OR THE LAWS OF ANY STATE, LOCAL OR FOREIGN TAXING JURISDICTION OR ANY APPLICABLE TAX TREATY.

Distributions

We do not anticipate declaring or paying any cash dividends to holders of our common stock in the foreseeable future. However, if we do make distributions on our common stock, such distributions will generally be treated as dividends for United States federal income tax purposes to the extent paid from our current or accumulated earnings and profits, as determined under the Code. To the extent such distributions exceed our current and accumulated earnings and profits, such excess will constitute a return of capital and will first reduce the non-U.S. holder's adjusted tax basis in our common stock, but not below zero, and then will be treated as gain from the sale of our common stock (see "Gain on Disposition of Common Stock" below). Except as

S-11

Table of Contents

described in the discussion below under the headings Information Reporting and Backup Withholding and Foreign Account Tax Compliance, dividends paid in respect of shares of our common stock to a non-U.S. holder generally will be subject to withholding of United States federal income tax at a rate of 30%, or such lower rate as may be specified under an applicable income tax treaty. In order to receive a reduced treaty rate, a non-U.S. holder must provide the applicable withholding agent with IRS Form W-8BEN or IRS Form W-8BEN-E (or applicable successor form) properly certifying eligibility for the reduced rate.

Dividends paid to a non-U.S. holder that are effectively connected with the conduct of a trade or business by the non-U.S. holder in the United States (and, if required by an applicable income tax treaty, are attributable to a United States permanent establishment or fixed base of the non-U.S. holder) generally will be exempt from the withholding tax described above (provided that certain certification requirements described below are satisfied) and instead will be subject to United States federal income tax on a net income basis at the regular graduated United States federal income tax rates in the same manner as if the non-U.S. holder were a United States person as defined under the Code. In order to obtain this exemption from withholding tax, a non-U.S. holder must provide the applicable withholding agent with an IRS Form W-8ECI (or applicable successor form) properly certifying eligibility for such exemption. Any such effectively connected dividends received by a foreign corporation may be subject to an additional branch profits tax at a rate of 30% or such lower rate as may be specified by an applicable income tax treaty.

A non-U.S. holder of our common stock may obtain a refund of any amounts withheld under these rules in excess of the non-U.S. holder's actual U.S. federal income tax liability (e.g., if the non-U.S. holder is eligible for a reduced rate of United States tax under an applicable income tax treaty) if an appropriate claim for refund is timely filed with the IRS.

Gain on Disposition of Common Stock

Subject to the discussions below under Information Reporting and Backup Withholding and Foreign Account Tax Compliance, a non-U.S. holder generally will not be subject to United States federal income tax on any gain realized upon the sale, exchange or other taxable disposition of shares of our common stock unless:

- the gain is effectively connected with the conduct of a trade or business by the non-U.S. holder in the United States (and, if required by an applicable income tax treaty, is attributable to a United States permanent establishment or fixed base of the non-U.S. holder);

- the non-U.S. holder is an individual who is present in the United States for 183 days or more in the taxable year of that disposition, and certain other conditions are met; or

- our common stock constitutes a United States real property interest by reason of our status as a United States real property holding corporation (USRPHC) for United States federal income tax purposes at any time within the shorter of the five-year period ending on the date of the disposition or the non-U.S. holder's holding period for shares of our common stock.

A non-U.S. holder who has gain that is described in the first bullet point immediately above will generally be subject to tax on the net gain derived from the disposition at graduated United States federal income tax rates generally applicable to U.S. persons. If the non-U.S. Holder is taxable as a corporation for U.S. federal income tax purposes, such gain will be included in effectively connected earnings and profits, which (after adjustment for certain items)

may be subject to a branch profits tax at a rate of 30% (or such lower rate as is specified by an applicable tax treaty).

A non-U.S. holder who meets the requirements described in the second bullet point immediately above will be subject to a flat 30% tax (or lower applicable income tax treaty rate) on the gain derived from the disposition, which may be offset by United States source capital losses, even though the individual is not considered a resident of the United States.

S-12

Table of Contents

With respect to our status as a USRPHC, we believe that we currently are, and expect to remain for the foreseeable future, a USRPHC for United States federal income tax purposes (and the remainder of this discussion assumes we are and will be a USRPHC). However, as long as our common stock is regularly traded on an established securities market, a non-U.S. holder will be taxed on gain recognized on the sale, exchange or other taxable disposition of our common stock as a result of our status as a USRPHC only if the non-U.S. holder actually or constructively holds or held more than 5% of our issued and outstanding common stock at any time during the five-year period ending on the date of disposition or, if shorter, during the entire period the non-U.S. holder has held our common stock. If our common stock were not considered to be regularly traded on an established securities market, all non-U.S. holders would be subject to United States federal income tax on a sale, exchange or other taxable disposition of our common stock at the rates generally applicable to U.S. persons, and a 15% withholding tax would apply to the gross proceeds from the sale of our common stock by a non-U.S. holder.

Non-U.S. holders should consult their tax advisors with respect to the application of the foregoing rules to their ownership and disposition of our common stock.

U.S. Federal Estate Tax

An individual non-U.S. holder who is treated as the owner of, or has made certain lifetime transfers of, an interest in our common stock may be required to include the value of the stock in the individual's gross estate for United States federal estate tax purposes and may be subject to United States federal estate tax unless an applicable estate tax treaty provides otherwise.

Information Reporting and Backup Withholding

Generally, we must report to the IRS and to each non-U.S. holder the amount of any dividends paid to such non-U.S. holder and any tax withheld with respect to such dividends, regardless of whether withholding was required. Copies of the information returns reporting such dividends and withholding also may be made available to the tax authorities in the country in which the non-U.S. holder resides under the provisions of an applicable tax treaty.

A non-U.S. holder may be subject to backup withholding for dividends paid to such holder unless such holder certifies on IRS Form W-8BEN, W-8BEN-E or W-8ECI (or another appropriate form) that it is a non-U.S. holder (and the payor does not have actual knowledge or reason to know that such holder is a United States person as defined under the Code), or such holder otherwise establishes an exemption.

Information reporting and, depending on the circumstances, backup withholding may apply to the proceeds of a sale of shares of our common stock by a non-U.S. holder within the United States or conducted through certain United States-related financial intermediaries, unless the beneficial owner certifies on IRS Form W-8BEN, W-8BEN-E or W-8ECI (or another appropriate form) that it is a non-U.S. holder (and the withholding agent does not have actual knowledge or reason to know that the beneficial owner is a United States person as defined under the Code), or such owner otherwise establishes an exemption.

Backup withholding is not an additional tax. Any amounts withheld under the backup withholding rules may be allowed as a refund or a credit against a non-U.S. holder's United States federal income tax liability provided the required information is timely furnished to the IRS.

Foreign Account Tax Compliance

Sections 1471 through 1474 of the Code, and the U.S. Treasury regulations and administrative guidance issued thereunder (such Sections commonly referred to as the Foreign Account Tax Compliance Act (FATCA)), impose a 30% withholding tax on any dividends paid on our common stock and on the gross proceeds from a disposition of our common stock (if such disposition occurs after December 31, 2018), in each

S-13

Table of Contents

case if paid to a foreign financial institution or a non-financial foreign entity (each as defined in the Code) (including, in some cases, when such foreign financial institution or entity is acting as an intermediary), unless (i) in the case of a foreign financial institution, such institution enters into an agreement with the United States government to withhold on certain payments, and to collect and provide to the United States tax authorities substantial information regarding United States account holders of such institution (which includes certain equity and debt holders of such institution, as well as certain account holders that are non-U.S. entities with United States owners), (ii) in the case of a non-financial foreign entity, such entity certifies that it does not have any substantial United States owners (as defined in the Code) or provides the applicable withholding agent with a certification (generally on an IRS Form W-8BEN-E) identifying the direct and indirect substantial United States owners of the entity, or (iii) the foreign financial institution or nonfinancial foreign entity otherwise qualifies for an exemption from these rules and provides appropriate documentation (such as an IRS Form W-8BEN-E). Under certain circumstances, a holder of our common stock might be eligible for refunds or credits of such taxes. Foreign financial institutions located in jurisdictions that have an intergovernmental agreement with the United States governing these rules may be subject to different rules.

The rules under FATCA are complex. Prospective investors are encouraged to consult their tax advisors regarding the possible implications of FATCA on an investment in our common stock.

THE FOREGOING DISCUSSION IS FOR GENERAL INFORMATION ONLY AND SHOULD NOT BE VIEWED AS TAX ADVICE. INVESTORS CONSIDERING THE PURCHASE OF OUR COMMON STOCK ARE URGED TO CONSULT THEIR OWN TAX ADVISORS REGARDING THE APPLICATION OF THE UNITED STATES FEDERAL INCOME AND ESTATE TAX LAWS TO THEIR PARTICULAR SITUATIONS AND THE APPLICABILITY AND EFFECT OF UNITED STATES FEDERAL GIFT TAX LAWS, STATE, LOCAL OR FOREIGN TAX LAWS AND TREATIES.

Certain ERISA Considerations

The common stock may be purchased and held by an employee benefit plan, an individual retirement account or other plan, which we refer to as a Plan, subject to Title I of the Employee Retirement Income Security Act of 1974, as amended, which we refer to as ERISA, Section 4975 of the Code and/or other similar laws. A fiduciary of a Plan subject to ERISA, Section 4975 of the Code and/or such other laws must determine that the purchase and holding of the common stock is consistent with its fiduciary duties. The fiduciary of a Plan subject to ERISA, as well as any other prospective investor subject to Section 4975 of the Code or any similar law, must also determine that its purchase and holding of the common stock does not result in a non-exempt prohibited transaction as provided under Sections 406 and 408 of ERISA or Section 4975 of the Code or similar law. Each purchaser and transferee of the common stock who is subject to ERISA, Section 4975 of the Code and/ or a similar law will be deemed to have represented by its acquisition and holding of the common stock that such acquisition and holding does not constitute or give rise to a non-exempt prohibited transaction under ERISA, Section 4975 of the Code or any similar law.

Table of Contents**UNDERWRITING**

RBC Capital Markets, LLC is acting as the sole underwriter. Under the terms of an underwriting agreement, which we will file as an exhibit to our current report on Form 8-K and incorporate by reference in this prospectus supplement and the accompanying base prospectus, the underwriter has agreed to purchase from us the shares of our common stock shown opposite its name below.

Underwriter	Shares of Common Stock
RBC Capital Markets, LLC	7,000,000
Total	7,000,000

The underwriting agreement provides that the obligations of the underwriter to purchase the shares included in this offering are subject to approval of legal matters by counsel and to other conditions.

Discounts and Expenses

The underwriter proposes to offer the shares of common stock offered hereby from time to time for sale in one or more transactions on the New York Stock Exchange, in the over-the-counter market, through negotiated transactions or otherwise at market prices prevailing at the time of sale, at prices related to prevailing market prices or at negotiated prices, subject to receipt of acceptance by them and subject to their right to reject any order in whole or in part. The underwriter may effect such transactions by selling the shares to or through dealers and such dealers may receive compensation in the form of discounts, concessions or commissions from the underwriter and/or purchasers of shares for whom they may act as agents or to whom they may sell as principal. The difference between the price at which the underwriter purchases shares and the price at which the underwriter resells such shares may be deemed underwriting compensation.

The expenses of this offering that are payable by us are estimated to be \$0.5 million, exclusive of underwriting discounts. We have also agreed to reimburse the underwriter for certain of its expenses in an amount up to \$10,000 as set forth in the underwriting agreement.

Lock-Up Agreements

We, our executive officers and our directors are subject to lock-up agreements with the underwriter, that prohibit during the period ending 45 days after the date of the final prospectus related to this offering (the "lockup period"):

directly or indirectly, selling, offering, contracting or granting any option to sell or short sell, granting any option, right or warrant to purchase, pledging, transferring, establishing an open put equivalent position, lending or otherwise disposing of any shares of our common stock, options, rights or warrants to acquire shares of our common stock, or securities exchangeable or exercisable for or convertible into shares of our common stock;

entering into any swap or other arrangement that transfers, in whole or in part, the economic consequences of the ownership of our common stock;

filing a registration statement with respect to our common stock, options or warrants to acquire our common stock or securities exchangeable or exercisable for or convertible into our common stock; or

publicly announcing an intention to do any of the foregoing.

These agreements also apply to any sale of locked up shares upon exercise of any options to purchase shares of common stock and are subject to certain exceptions, including:

sales of common stock to the underwriter in this offering;

S-15

Table of Contents

the award of options or other purchase rights or shares of our common stock pursuant to our employee benefits plans;

issuances of shares of common stock or securities convertible into or exercisable or exchangeable for shares of common stock pursuant to the exercise of warrants, options or other convertible or exchangeable securities, including shares of convertible preferred stock, in each case which are outstanding on the date hereof; and

filing with the SEC a registration statement under the Securities Act on Form S-8 with respect to securities issued pursuant to an employee benefit plan.

Notwithstanding the foregoing, our executive officers and directors will be permitted to:

abide by any obligations regarding shares of common stock or any security convertible into common stock under any existing pledge, margin account or similar agreement, including, but not limited to, sales and transfers of such securities;

transfer shares of common stock or any security convertible into common stock as a bona fide gift;

transfer shares of common stock or any security convertible into common stock to family members or a trust established for the benefit of family members;

transfer shares of common stock or any security convertible into common stock to entities where the party to the lockup is the beneficial owner of all shares of common stock or our other securities held by the entity;

receive shares of common stock upon the exercise of an option or warrant or in connection with the vesting of restricted stock or restricted stock units; and

transfer shares of common stock to the Company in a transaction exempt from Section 16(b) of the Exchange Act solely in connection with the payment of taxes due in connection with any such exercise or vesting.

It is a pre-condition to any such permitted transfer that the transferee executes and delivers to the underwriter a lock-up agreement in form and substance similar to the transferor's agreement with the underwriter.

The underwriter may consent in its sole discretion to a release of the transfer restrictions in the lock-up agreements. When determining whether or not to release shares of common stock from lock-up agreements, the underwriter will consider, among other factors, the shareholders' reasons for requesting the release, the number of shares of common stock for which the release is being requested and market conditions at the time. However, the underwriter has informed us that, as of the date of this prospectus, there are no agreements between it and any party that would allow such party to transfer any shares of common stock, nor does it have any intention at this time of releasing any of the

shares of common stock subject to the lock-up agreements, prior to the expiration of the lock-up period.

We have agreed not to file any registration statement with respect to our common stock or other equity securities (other than on Form S-8 as described above), and our directors, officers and other holders of our equity securities will waive all registration rights with respect to this offering.

Indemnification

We have agreed to indemnify the underwriter against liabilities under the Securities Act, or contribute to payments that the underwriter may be required to make in that respect.

Listing

Our common stock is listed on the New York Stock Exchange under the symbol MTDR.

S-16

Table of Contents

Stabilization

In connection with this offering, the underwriter may engage in stabilizing transactions, short sales, syndicate covering transactions and penalty bids in accordance with Regulation M under the Exchange Act.

Stabilizing transactions permit bids to purchase the underlying security so long as the stabilizing bids do not exceed a specified maximum.

Short sales involve sales by the underwriter of shares of our common stock in excess of the number of shares of common stock the underwriter is obligated to purchase in the offering, and a short position represents the amount of such sales that have not been covered by subsequent purchases. Naked short sales are any short sales that create a short position greater than the amount of shares the underwriter is obligated to purchase. The underwriter must cover any such naked short position by purchasing shares of our common stock in the open market. A naked short position is more likely to be created if the underwriter is concerned that there could be downward pressure on the price of our common stock in the open market after pricing that could adversely affect investors who purchase in the offering.

Penalty bids permit the underwriter to reclaim a selling concession from a syndicate member when shares of our common stock originally sold by the syndicate member are purchased in a stabilizing or syndicate covering transaction to cover syndicate short positions.

These stabilizing transactions, syndicate covering transactions and penalty bids may have the effect of raising or maintaining the market price of our common stock or preventing or retarding a decline in the market price of our common stock. As a result, the price of our common stock may be higher than the price that might otherwise exist in the open market. These transactions may be effected on the NYSE or otherwise and, if commenced, may be discontinued at any time.

Neither we nor the underwriter make any representation or prediction as to the direction or magnitude of any effect that the transactions described above may have on the price of our common stock. In addition, neither we nor the underwriter make any representation that the underwriter will engage in these stabilizing transactions or that any transaction, if commenced, will not be discontinued without notice.

Electronic Prospectus

A prospectus in electronic format may be available on the Internet sites or through other online services maintained by the underwriter, or by its affiliates. In those cases, prospective investors may view offering terms online and prospective investors may be allowed to place orders online. The underwriter may agree with us to allocate a specific number of shares of common stock for sale to online brokerage account holders. Any such allocation for online distributions will be made by the underwriter on the same basis as other allocations.

Other than the prospectus in electronic format, the information on the underwriter's website and any information contained in any other website maintained by the underwriter is not part of this prospectus or the registration statement of which this prospectus forms a part, has not been approved or endorsed by us or the underwriter and should not be relied upon by investors.

Other Relationships

The underwriter and its affiliates are full service financial institutions engaged in various activities, which may include securities trading, commercial and investment banking, financial advisory, investment management, investment research, principal investment, hedging, financing and brokerage activities. The underwriter and its affiliates have, from time to time, performed, and may in the future perform, various financial advisory and investment banking services for us, for which they received or will receive customary fees and expenses. For example, affiliates of the underwriter, from time to time, are counterparties to our hedging arrangements. In addition, an affiliate of the underwriter is a lender under our revolving credit facility.

S-17

Table of Contents

In the ordinary course of its various business activities, the underwriter and its affiliates may make or hold a broad array of investments and actively trade debt and equity securities (or related derivative securities) and financial instruments (including bank loans) for their own account and for the accounts of their customers, and such investment and securities activities may involve our securities and/or instruments. The underwriter and its affiliates may also make investment recommendations and/or publish or express independent research views in respect of such securities or instruments and may at any time hold, or recommend to clients that they acquire, long and/or short positions in such securities and instruments.

Selling Restrictions

European Economic Area

In relation to each member state of the European Economic Area, no offer of ordinary shares which are the subject of the offering has been, or will be made to the public in that Member State, other than under the following exemptions under the Prospectus Directive:

- (a) to any legal entity which is a qualified investor as defined in the Prospectus Directive;
- (b) to fewer than 150 natural or legal persons (other than qualified investors as defined in the Prospectus Directive), subject to obtaining the prior consent of the underwriter for any such offer; or
- (c) in any other circumstances falling within Article 3(2) of the Prospectus Directive,

provided that no such offer of ordinary shares referred to in (a) to (c) above shall result in a requirement for the Company or the underwriter to publish a prospectus pursuant to Article 3 of the Prospectus Directive, or supplement a prospectus pursuant to Article 16 of the Prospectus Directive.

Each person located in a Member State to whom any offer of ordinary shares is made or who receives any communication in respect of any offer of ordinary shares, or who initially acquires any ordinary shares will be deemed to have represented, warranted, acknowledged and agreed to and with the underwriter and the Company that (1) it is a qualified investor within the meaning of the law in that Member State implementing Article 2(1)(e) of the Prospectus Directive; and (2) in the case of any ordinary shares acquired by it as a financial intermediary as that term is used in Article 3(2) of the Prospectus Directive, the ordinary shares acquired by it in the offer have not been acquired on behalf of, nor have they been acquired with a view to their offer or resale to, persons in any Member State other than qualified investors, as that term is defined in the Prospectus Directive, or in circumstances in which the prior consent of the underwriter has been given to the offer or resale; or where ordinary shares have been acquired by it on behalf of persons in any Member State other than qualified investors, the offer of those ordinary shares to it is not treated under the Prospectus Directive as having been made to such persons.

The Company, the underwriter and their respective affiliates will rely upon the truth and accuracy of the foregoing representations, acknowledgments and agreements.

This prospectus has been prepared on the basis that any offer of shares in any Member State will be made pursuant to an exemption under the Prospectus Directive from the requirement to publish a prospectus for offers of shares. Accordingly any person making or intending to make an offer in that Member State of shares which are the subject of the offering contemplated in this prospectus may only do so in circumstances in which no obligation arises for the Company or the underwriter to publish a prospectus pursuant to Article 3 of the Prospectus Directive in relation to such offer. Neither the Company nor the underwriter have authorized, nor do they authorize, the making of any offer

of shares in circumstances in which an obligation arises for the Company or the underwriter to publish a prospectus for such offer.

For the purposes of this provision, the expression an offer of ordinary shares to the public in relation to any ordinary shares in any Member State means the communication in any form and by any means of sufficient information on the terms of the offer and the ordinary shares to be offered so as to enable an investor to decide to

S-18

Table of Contents

purchase or subscribe the ordinary shares, as the same may be varied in that Member State by any measure implementing the Prospectus Directive in that Member State, the expression "Prospectus Directive" means Directive 2003/71/EC (as amended) and includes any relevant implementing measure in each Member State.

The above selling restriction is in addition to any other selling restrictions set out below.

Notice to Prospective Investors in the United Kingdom

In addition, in the United Kingdom, this document is being distributed only to, and is directed only at, and any offer subsequently made may only be directed at persons who are "qualified investors" (as defined in the Prospectus Directive) (i) who have professional experience in matters relating to investments falling within Article 19 (5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended (the "Order") and/or (ii) who are high net worth companies (or persons to whom it may otherwise be lawfully communicated) falling within Article 49(2)(a) to (d) of the Order (all such persons together being referred to as "relevant persons"). This document must not be acted on or relied on in the United Kingdom by persons who are not relevant persons. In the United Kingdom, any investment or investment activity to which this document relates is only available to, and will be engaged in with, relevant persons.

Notice to Prospective Investors in Switzerland

The shares may not be publicly offered in Switzerland and will not be listed on the SIX Swiss Exchange ("SIX") or on any other stock exchange or regulated trading facility in Switzerland. This document has been prepared without regard to the disclosure standards for issuance prospectuses under art. 652a or art. 1156 of the Swiss Code of Obligations or the disclosure standards for listing prospectuses under art. 27 ff. of the SIX Listing Rules or the listing rules of any other stock exchange or regulated trading facility in Switzerland. Neither this document nor any other offering or marketing material relating to the shares or the offering may be publicly distributed or otherwise made publicly available in Switzerland.

Neither this document nor any other offering or marketing material relating to the offering, the Company, the shares have been or will be filed with or approved by any Swiss regulatory authority. In particular, this document will not be filed with, and the offer of shares will not be supervised by, the Swiss Financial Market Supervisory Authority FINMA (FINMA), and the offer of shares has not been and will not be authorized under the Swiss Federal Act on Collective Investment Schemes ("CISA"). The investor protection afforded to acquirers of interests in collective investment schemes under the CISA does not extend to acquirers of shares.

Notice to Prospective Investors in the Dubai International Financial Centre

This prospectus supplement relates to an Exempt Offer in accordance with the Offered Securities Rules of the Dubai Financial Services Authority ("DFSA"). This prospectus supplement is intended for distribution only to persons of a type specified in the Offered Securities Rules of the DFSA. It must not be delivered to, or relied on by, any other person. The DFSA has no responsibility for reviewing or verifying any documents in connection with Exempt Offers. The DFSA has not approved this prospectus supplement nor taken steps to verify the information set forth herein and has no responsibility for the prospectus supplement. The shares to which this prospectus supplement relates may be illiquid and/or subject to restrictions on their resale. Prospective purchasers of the shares offered should conduct their own due diligence on the shares. If you do not understand the contents of this prospectus supplement you should consult an authorized financial advisor.

Notice to Prospective Investors in Australia

No placement document, prospectus, product disclosure statement or other disclosure document has been lodged with the Australian Securities and Investments Commission (ASIC), in relation to the offering. This prospectus does not constitute a prospectus, product disclosure statement or other disclosure document under the Corporations Act 2001 (the Corporations Act), and does not purport to include the information required for a prospectus, product disclosure statement or other disclosure document under the Corporations Act.

S-19

Table of Contents

Any offer in Australia of the shares may only be made to persons (the Exempt Investors) who are sophisticated investors (within the meaning of section 708(8) of the Corporations Act), professional investors (within the meaning of section 708(11) of the Corporations Act) or otherwise pursuant to one or more exemptions contained in section 708 of the Corporations Act so that it is lawful to offer the shares without disclosure to investors under Chapter 6D of the Corporations Act.

The shares applied for by Exempt Investors in Australia must not be offered for sale in Australia in the period of 12 months after the date of allotment under the offering, except in circumstances where disclosure to investors under Chapter 6D of the Corporations Act would not be required pursuant to an exemption under section 708 of the Corporations Act or otherwise or where the offer is pursuant to a disclosure document which complies with Chapter 6D of the Corporations Act. Any person acquiring shares must observe such Australian on-sale restrictions.

This prospectus contains general information only and does not take account of the investment objectives, financial situation or particular needs of any particular person. It does not contain any securities recommendations or financial product advice. Before making an investment decision, investors need to consider whether the information in this prospectus is appropriate to their needs, objectives and circumstances, and, if necessary, seek expert advice on those matters.

Notice to Prospective Investors in Hong Kong

The shares of common stock offered hereby have not been offered or sold and will not be offered or sold in Hong Kong, by means of any document, other than (a) to professional investors as defined in the Securities and Futures Ordinance (Cap. 571) of Hong Kong and any rules made under that Ordinance; or (b) in other circumstances which do not result in the document being a prospectus as defined in the Companies Ordinance (Cap. 32) of Hong Kong or which do not constitute an offer to the public within the meaning of that Ordinance. No advertisement, invitation or document relating to the shares of common stock offered hereby has been or may be issued or has been or may be in the possession of any person for the purposes of issue, whether in Hong Kong or elsewhere, which is directed at, or the contents of which are likely to be accessed or read by, the public of Hong Kong (except if permitted to do so under the securities laws of Hong Kong) other than with respect to the shares of common stock offered hereby which are or are intended to be disposed of only to persons outside Hong Kong or only to professional investors as defined in the Securities and Futures Ordinance and any rules made under that Ordinance.

Notice to Prospective Investors in Japan

The shares of common stock offered hereby have not been and will not be registered under the Financial Instruments and Exchange Law of Japan (Law No. 25 of 1948, as amended) and, accordingly, will not be offered or sold, directly or indirectly, in Japan, or for the benefit of any Japanese Person or to others for re-offering or resale, directly or indirectly, in Japan or to any Japanese Person, except in compliance with all applicable laws, regulations and ministerial guidelines promulgated by relevant Japanese governmental or regulatory authorities in effect at the relevant time. For the purposes of this paragraph, Japanese Person shall mean any person resident in Japan, including any corporation or other entity organized under the relevant laws and regulations of Japan.

Notice to Prospective Investors in Singapore

This prospectus has not been registered as a prospectus with the Monetary Authority of Singapore. Accordingly, this prospectus and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of shares of common stock may not be circulated or distributed, nor may the shares of common stock be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to

persons in Singapore other than (i) to an institutional investor under

S-20

Table of Contents

Section 274 of the Securities and Futures Act, Chapter 289 of Singapore (the SFA), (ii) to a relevant person pursuant to Section 275(1), or any person pursuant to Section 275(1A), and in accordance with the conditions specified in Section 275, of the SFA, or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA.

Where the shares of common stock are subscribed or purchased under Section 275 of the SFA by a relevant person which is:

(a) a corporation (which is not an accredited investor (as defined in Section 4A of the SFA)) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or

(b) a trust (where the trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary of the trust is an individual who is an accredited investor,

securities (as defined in Section 239(1) of the SFA) of that corporation or the beneficiaries' rights and interest (howsoever described) in that trust shall not be transferred within six months after that corporation or that trust has acquired the shares of common stock pursuant to an offer made under Section 275 of the SFA except:

(a) to an institutional investor or to a relevant person defined in Section 275(2) of the SFA, or to any person arising from an offer referred to in Section 275(1A) or Section 276(4)(i)(B) of the SFA;

(b) where no consideration is or will be given for the transfer;

(c) where the transfer is by operation of law;

(d) as specified in Section 276(7) of the SFA; or

(e) as specified in Regulation 32 of the Securities and Futures (Offers of Investments) (Shares and Debentures) Regulations 2005 of Singapore.

Notice to Prospective Investors in Canada

The shares of common stock offered hereby may be sold only to purchasers purchasing, or deemed to be purchasing, as principal that are accredited investors, as defined in National Instrument 45-106 Prospectus Exemptions or subsection 73.3(1) of the Securities Act (Ontario), and are permitted clients, as defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Any resale of the shares of common stock offered hereby must be made in accordance with an exemption from, or in a transaction not subject to, the prospectus requirements of applicable securities laws.

Securities legislation in certain provinces or territories of Canada may provide a purchaser with remedies for rescission or damages if this prospectus (including any amendment thereto) contains a misrepresentation, provided that the remedies for rescission or damages are exercised by the purchaser within the time limit prescribed by the securities legislation of the purchaser's province or territory. The purchaser should refer to any applicable provisions of the securities legislation of the purchaser's province or territory for particulars of these rights or consult with a legal advisor.

Pursuant to section 3A.3 (or, in the case of securities issued or guaranteed by the government of a non-Canadian jurisdiction, section 3A.4) of National Instrument 33-105 *Underwriting Conflicts* (NI 33-105), the underwriter is not required to comply with the disclosure requirements of NI 33-105 regarding underwriter conflicts of interest in connection with this offering.

S-21

Table of Contents

LEGAL MATTERS

Gibson, Dunn & Crutcher LLP will pass upon certain legal matters for us in connection with the securities offered by this prospectus supplement. Latham & Watkins LLP will pass upon certain legal matters for the underwriter in connection with this offering.

EXPERTS

The consolidated financial statements of Matador Resources Company and subsidiaries as of December 31, 2017 and 2016, and for each of the years in the three-year period ended December 31, 2017, and management's assessment of the effectiveness of internal control over financial reporting as of December 31, 2017, have been incorporated by reference herein in reliance upon the reports of KPMG LLP, independent registered public accounting firm, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

Certain information with respect to our proved oil and natural gas reserves and future net revenues included and incorporated by reference herein has been audited by Netherland, Sewell & Associates, Inc., independent reservoir engineers. Such information is included and incorporated herein in reliance on the authority of such firm as experts in reservoir engineering.

S-22

Table of Contents

PROSPECTUS

Matador Resources Company

SENIOR DEBT SECURITIES

SUBORDINATED DEBT SECURITIES

COMMON STOCK

PREFERRED STOCK

WARRANTS

GUARANTEES OF DEBT SECURITIES

We may offer and sell the securities listed above from time to time in one or more offerings in one or more classes or series. Any debt securities we issue under this prospectus may be guaranteed by one or more of our subsidiaries.

We will offer the securities in amounts, at prices and on terms to be determined by market conditions at the time of the offerings. The securities may be offered separately or together in any combination or as a separate series.

This prospectus provides you with a general description of the securities that may be offered. Each time securities are offered, we will provide a prospectus supplement and attach it to this prospectus. The prospectus supplement will contain more specific information about the offering and the terms of the securities being offered, including any guarantees by our subsidiaries. The supplements may also add, update or change information contained in this prospectus. This prospectus may not be used to offer or sell securities without a prospectus supplement describing the method and terms of the offering.

We may offer and sell these securities to or through one or more underwriters, dealers and agents, or directly to purchasers, on a continuous or delayed basis.

Our common stock is traded on the New York Stock Exchange under the symbol MTDR.

*You should carefully consider each of the risk factors described under **Risk Factors** beginning on page 1 of this prospectus.*

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is August 11, 2017.

Table of Contents

TABLE OF CONTENTS

<u>ABOUT THIS PROSPECTUS</u>	Page
<u>WHERE YOU CAN FIND MORE INFORMATION</u>	i
<u>CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS</u>	ii
<u>ABOUT MATADOR RESOURCES COMPANY</u>	iv
<u>RISK FACTORS</u>	1
<u>USE OF PROCEEDS</u>	1
<u>RATIO OF EARNINGS TO FIXED CHARGES</u>	1
<u>DESCRIPTION OF THE DEBT SECURITIES AND GUARANTEES</u>	2
<u>DESCRIPTION OF CAPITAL STOCK</u>	3
<u>DESCRIPTION OF WARRANTS</u>	11
<u>PLAN OF DISTRIBUTION</u>	14
<u>LEGAL MATTERS</u>	15
<u>EXPERTS</u>	17

The Registration Statement containing this prospectus, including the exhibits to the Registration Statement, provides additional information about us and the securities offered under this prospectus. The Registration Statement, including the exhibits and the documents incorporated herein by reference, can be read on the website of the U.S. Securities and Exchange Commission (SEC) or at the SEC offices mentioned under the heading Where You Can Find More Information.

ABOUT THIS PROSPECTUS

This prospectus is part of a shelf registration statement that we filed with the SEC. By using a shelf registration statement, we may sell from time to time in one or more offerings an unlimited number of the securities described in this prospectus. For further information about us and the securities to be sold, you should refer to our registration statement and its exhibits. The registration statement can be obtained from the SEC as described below under the heading Where You Can Find More Information. As used in this prospectus, the terms Matador, the Company, we, our or like terms refer to Matador Resources Company and its consolidated subsidiaries, unless the context otherwise requires.

This prospectus provides you with a general description of the securities we may offer. Each time we sell securities, we will provide a prospectus supplement that contains more specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus. You should read both this prospectus and any prospectus supplement together with the additional information included in our reports, proxy statements and other information filed with the SEC. If there is any inconsistency between the information in this prospectus and any prospectus supplement, you should rely on the information in the prospectus supplement.

You should rely only on information contained or incorporated by reference in this prospectus and any applicable prospectus supplement, any written communications from us or any free writing prospectus we may authorize to be delivered to you. We have not authorized anyone to provide different information. If anyone provides you with different or inconsistent information, you should not rely on it. You should not assume that the information contained in or incorporated by reference into this prospectus, any prospectus supplement or any free writing prospectus we may authorize to be delivered to you is accurate as of any date other than their respective dates. Our business, financial condition, results of operations and prospects may have changed since that date. We are not making an offer to sell these securities in any jurisdiction where the offer or sale is not permitted.

Table of Contents

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the informational requirements of the Securities Exchange Act of 1934, as amended (the Exchange Act), and in accordance therewith file reports, proxy or information statements and other information with the SEC. Such reports, proxy statements and other information can be inspected and copied at the public reference facilities maintained by the SEC at 100 F Street, N.E., Washington, D.C. 20549, at prescribed rates. The phone number is 1-800-732-0330. In addition, the SEC maintains a web site that contains reports, proxy and information statements and other information regarding registrants that file electronically with the SEC. The address of the SEC's web site is <http://www.sec.gov>.

We have filed with the SEC a registration statement on Form S-3 under the Securities Act of 1933, as amended (the Securities Act), with respect to the securities being offered hereby. As permitted by the rules and regulations of the SEC, this prospectus does not contain all the information set forth in the registration statement and the exhibits and schedules thereto. For further information with respect to the Company and the securities offered hereby, reference is made to the registration statement, and such exhibits and schedules. A copy of the registration statement, and the exhibits and schedules thereto, may be inspected without charge at the public reference facilities maintained by the SEC at the addresses set forth above, and copies of all or any part of the registration statement may be obtained from such offices upon payment of the fees prescribed by the SEC. In addition, the registration statement may be accessed at the SEC's web site. Statements contained in this prospectus as to the contents of any contract or other document are not necessarily complete and, in each instance, reference is made to the copy of such contract or document filed as an exhibit to the registration statement, each such statement being qualified in all respects by such reference.

In addition, our filings are available on our web site at <http://www.matadorresources.com>. Information on our web site or any other web site is not incorporated by reference in this prospectus and is not a part of this prospectus.

The SEC allows us to incorporate by reference the information we have filed with it, which means that we can disclose important information to you by referring you to those documents. The information we incorporate by reference is an important part of this prospectus, and later information that we file with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings (excluding information furnished pursuant to Items 2.02 and 7.01 of Form 8-K) we make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act subsequent to the date of this prospectus and prior to the termination of the offering:

Our Annual Report on Form 10-K for the year ended December 31, 2016, as filed with the SEC on March 1, 2017;

Our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2017, as filed with the SEC on May 5, 2017, and June 30, 2017, as filed with the SEC on August 7, 2017; and

Our Current Reports on Form 8-K filed with the SEC on January 9, 2017, February 21, 2017, February 24, 2017, March 9, 2017, May 4, 2017, June 6, 2017 and July 19, 2017; and

Description of our capital stock contained in our Form 8-A filed with the SEC on January 27, 2012.

Table of Contents

Any statement contained in a document incorporated by reference herein shall be deemed to be modified or superseded for all purposes to the extent that a statement contained in this prospectus or in any other subsequently filed document which is also incorporated or deemed to be incorporated by reference, modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus. You may request a copy of these filings (other than an exhibit to a filing unless that exhibit is specifically incorporated by reference into that filing) at no cost by writing or telephoning us at the following address and telephone number:

Matador Resources Company

Attention: Corporate Secretary

One Lincoln Centre

5400 LBJ Freeway, Suite 1500

Dallas, Texas 75240

(972) 371-5200

iii

Table of Contents

CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

Certain statements in this prospectus and the documents incorporated by reference herein constitute forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act. Additionally, forward-looking statements may be made orally or in press releases, conferences, reports, on our website or otherwise, in the future, by us or on our behalf. Such statements are generally identifiable by the terminology used such as anticipate, believe, continue, could, estimate, expect, forecasted, hypothetical, intend, may, potential, predict, project, should or other similar words, although not all forward-looking statements contain such identifying words.

By their very nature, forward-looking statements require us to make assumptions that may not materialize or that may not be accurate. Forward-looking statements are subject to known and unknown risks and uncertainties and other factors that may cause actual results, levels of activity and achievements to differ materially from those expressed or implied by such statements. Such factors include, among others: general economic conditions, changes in oil, natural gas and natural gas liquids prices and the demand for oil, natural gas and natural gas liquids, the success of our drilling program, the timing of planned capital expenditures, the sufficiency of our cash flow from operations together with available borrowing capacity under our credit agreement, uncertainties in estimating proved reserves and forecasting production results, operational factors affecting the commencement or maintenance of producing wells, the condition of the capital markets generally, as well as our ability to access them, the proximity to our properties and capacity of transportation facilities, availability of acquisitions, our ability to integrate acquisitions with our business, weather and environmental conditions, uncertainties regarding environmental regulations or litigation and other legal or regulatory developments affecting our business, and the other factors discussed below and elsewhere in this prospectus and in other documents that we file with or furnish to the SEC, all of which are difficult to predict. Forward-looking statements may include statements about:

our business strategy;

our reserves;

our technology;

our cash flows and liquidity;

our financial strategy, budget, projections and operating results;

our oil and natural gas realized prices;

the timing and amount of future production of oil and natural gas;

the availability of drilling and production equipment;

the availability of oil field labor;

the amount, nature and timing of capital expenditures, including future exploration and development costs;

the availability and terms of capital;

our drilling of wells;

our ability to negotiate and consummate acquisition and divestiture opportunities;

government regulation and taxation of the oil and natural gas industry;

our marketing of oil and natural gas;

our exploitation projects or property acquisitions;

the integration of acquisitions with our business;

Table of Contents

our ability and the ability of our midstream joint venture to construct and operate midstream facilities, including the expansion of our Black River cryogenic natural gas processing plant and the drilling of additional salt water disposal wells;

the ability of our midstream joint venture to attract third-party volumes;

our costs of exploiting and developing our properties and conducting other operations;

general economic conditions;

competition in the oil and natural gas industry, including in both the exploration and production and midstream segments;

the effectiveness of our risk management and hedging activities;

environmental liabilities;

counterparty credit risk;

developments in oil-producing and natural gas-producing countries;

our future operating results;

estimated future reserves and the present value thereof;

our plans, objectives, expectations and intentions contained in this prospectus that are not historical; and

other factors discussed in our Annual Report on Form 10-K for the year ended December 31, 2016 or our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2017 and June 30, 2017.

Although we believe that the expectations conveyed by the forward-looking statements are reasonable based on information available to us on the date such forward-looking statements were made, no assurances can be given as to future results, levels of activity, achievements or financial condition.

You should not place undue reliance on any forward-looking statement and should recognize that the statements are predictions of future results, which may not occur as anticipated. Actual results could differ materially from those anticipated in the forward-looking statements and from historical results, due to the risks and uncertainties described

above, as well as others not now anticipated. The impact of any one factor on a particular forward-looking statement is not determinable with certainty as such factors are interdependent upon other factors. The foregoing statements are not exclusive and further information concerning us, including factors that potentially could materially affect our financial results, may emerge from time to time. We do not intend to update forward-looking statements to reflect actual results or changes in factors or assumptions affecting such forward-looking statements, except as required by law, including the securities laws of the United States and the rules and regulations of the SEC.

Table of Contents

ABOUT MATADOR RESOURCES COMPANY

We are an independent energy company engaged in the exploration, development, production and acquisition of oil and natural gas resources in the United States, with an emphasis on oil and natural gas shale and other unconventional plays. Our current operations are focused primarily on the oil and liquids-rich portion of the Wolfcamp and Bone Spring plays in the Delaware Basin in Southeast New Mexico and West Texas. We also operate in the Eagle Ford shale play in South Texas and the Haynesville shale and Cotton Valley plays in Northwest Louisiana and East Texas. Additionally, we conduct midstream operations, primarily through our midstream joint venture, San Mateo Midstream, LLC, in support of our exploration, development and production operations and provide natural gas processing, natural gas, oil and salt water gathering services and salt water disposal services to third parties on a limited basis.

Our principal executive offices are located at 5400 LBJ Freeway, Suite 1500, Dallas, Texas 75240, and our phone number is (972) 371-5200.

RISK FACTORS

An investment in our securities involves a high degree of risk. You should carefully consider all of the information contained in this prospectus, the applicable prospectus supplement and the documents incorporated by reference and provided under *Where You Can Find More Information*, including under *Risk Factors* and *Management's Discussion and Analysis of Financial Condition and Results of Operations* in our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K. If any of the risks discussed in the foregoing documents were actually to occur, our business, financial condition, results of operations or cash flow could be affected materially and adversely. In that case, the trading price of our securities could decline and you could lose all or part of your investment. When we offer and sell any securities pursuant to a prospectus supplement, we may include additional risk factors relevant to such securities in the prospectus supplement.

USE OF PROCEEDS

Unless we inform you otherwise in the prospectus supplement, the net proceeds from the sale of the securities will be used for general corporate purposes, which may include the following:

repayment or refinancing of debt;

acquisitions;

working capital;

capital expenditures; or

repurchases and redemptions of securities.

Pending any specific application, we may initially invest funds in short-term marketable securities or apply them to the reduction of other short-term indebtedness. The actual application of proceeds from the sale of any particular offering of securities using this prospectus will be described in the applicable prospectus supplement relating to such offering. The precise amount and timing of the application of these proceeds will depend upon our funding requirements and the availability and cost of other funds.

Table of Contents**RATIO OF EARNINGS TO FIXED CHARGES**

The following table contains our consolidated ratio of earnings to fixed charges for the periods indicated. You should read these ratios in connection with our consolidated financial statements, including the notes to those statements, incorporated by reference in this prospectus.

	Six Months Ended June 30,	Years Ended December 31,				
	2017	2016	2015	2014	2013	2012
Ratio of earnings to fixed charges	4.36	(a)	(a)	22.06	8.00	(a)

- (a) During the period noted, our coverage ratio was less than 1:1. We would have needed to generate additional earnings of approximately \$100.6 million, \$830.0 million and \$36.1 million during the years ended December 31, 2016, 2015 and 2012, respectively, to achieve a coverage ratio of 1:1.

For purposes of calculating the ratio of earnings to fixed charges:

earnings consist of income (loss) before income taxes plus fixed charges, amortization of capitalized interest less interest capitalized and (income) loss attributable to non-controlling interest in subsidiaries that have not incurred fixed charges; and

fixed charges consist of interest expense (gross of interest income), capitalized interest, amortization of deferred loan costs and the estimated interest component of rental expense.

We paid no preferred stock dividends during any period presented, and accordingly, the ratio of earnings to fixed charges and preferred stock dividends is the same as the ratio of earnings to fixed charges.

Table of Contents

DESCRIPTION OF THE DEBT SECURITIES AND GUARANTEES

The debt securities we may offer by this prospectus will be our general unsecured obligations. We may issue senior debt securities on a senior unsecured basis under an indenture between us and a trustee that we will name in a prospectus supplement (a "senior indenture"). We may issue subordinated debt securities under an indenture between us and a trustee that we will name in a prospectus supplement (a "subordinated indenture"). We refer to the senior indentures and the subordinated indentures collectively as the "indentures." In this description of the debt securities, unless we state otherwise or the context clearly indicates otherwise, all references to "the Company," "we," "us," "our" or "li" terms mean Matador Resources Company only.

The indentures will be substantially identical, except for provisions relating to subordination. The senior debt securities will constitute senior debt and will rank equally with all of the Company's unsecured and unsubordinated debt. The subordinated debt securities will be subordinated to, and thus have a junior position to, the Company's senior debt (as defined with respect to the series of subordinated debt securities) and may rank equally with or senior or junior to our other subordinated debt that may be outstanding from time to time.

We have summarized material provisions of the indentures and the debt securities below. This summary is not complete. We have filed the form of senior indenture and the form of subordinated indenture with the SEC as exhibits to the registration statement, and you should read the indentures for provisions that may be important to you.

Provisions Applicable to Each Indenture

General. The indentures do not limit the amount of debt securities that may be issued thereunder, and do not limit the amount of other unsecured debt or securities that the Company may issue. The Company may issue debt securities under the indentures from time to time in one or more series, each in an amount authorized prior to issuance.

The Company conducts substantially all of its operations through subsidiaries, and those subsidiaries generate substantial operating income and cash flow. As a result, distributions or advances from those subsidiaries are a significant source of funds needed to meet the debt service obligations of the Company. Contractual provisions or laws, as well as the subsidiaries' financial conditions and operating requirements, may limit the ability of the Company to obtain cash from its subsidiaries that it requires to pay its debt service obligations, including any payments required to be made under the debt securities. In addition, unless the subsidiaries provide a subsidiary guarantee, holders of the debt securities will have a junior position to the claims of creditors of the subsidiaries of the Company on their assets and earnings.

If specified in the prospectus supplement, the debt securities will be general obligations of our subsidiaries that execute subsidiary guarantees. Unless otherwise specified in the prospectus supplement, such subsidiary guarantees will be unsecured obligations. See "Subsidiary Guarantees."

The indentures do not contain any covenants or other provisions designed to protect holders of the debt securities if we participate in a highly leveraged transaction or upon a change of control. The indentures also do not contain provisions that give holders the right to require us to repurchase their securities in the event of a decline in our credit ratings for any reason, including as a result of a takeover, recapitalization or similar restructuring or otherwise.

Terms. The prospectus supplement relating to any series of debt securities being offered will include specific terms relating to the offering. These terms will include some or all of the following:

whether the debt securities will be senior or subordinated debt securities;

the title of the debt securities;

Table of Contents

the total principal amount of the debt securities;

whether the debt securities will be issued in individual certificates to each holder or in the form of temporary or permanent global securities held by a depositary on behalf of holders;

the date or dates on which the principal of and any premium on the debt securities will be payable;

any interest rate, the date from which interest will accrue, interest payment dates and record dates for interest payments;

any right to extend or defer the interest payment periods and the duration of the extension;

whether and under what circumstances any additional amounts with respect to the debt securities will be payable;

whether our subsidiaries will provide guarantees of the debt securities, and the terms of any subordination of such guarantee;

the place or places where payments on the debt securities will be payable;

any provisions for optional redemption or early repayment;

any sinking fund or other provisions that would require the redemption, purchase or repayment of debt securities;

the denominations in which the debt securities will be issued, if other than denominations of \$1,000 and integral multiples thereof;

whether payments on the debt securities will be payable in foreign currency or currency units or another form and whether payments will be payable by reference to any index or formula;

the portion of the principal amount of debt securities that will be payable if the maturity is accelerated, if other than the entire principal amount;

any additional means of defeasance of the debt securities, any additional conditions or limitations to defeasance of the debt securities or any changes to those conditions or limitations;

any changes or additions to the events of default or covenants described in this prospectus;

any restrictions or other provisions relating to the transfer or exchange of debt securities;

any terms for the conversion or exchange of the debt securities for other securities of the Company or any other entity;

with respect to any subordinated indenture, any changes to the subordination provisions for the subordinated debt securities; and

any other terms of the debt securities not prohibited by the applicable indenture.

The Company may sell the debt securities at a discount, which may be substantial, below their stated principal amount. These debt securities may bear no interest or interest at a rate that at the time of issuance is below market rates. If the Company sells these debt securities, we will describe in the prospectus supplement any material United States federal income tax consequences and other special considerations.

If the Company sells any of the debt securities for any foreign currency or currency unit or if payments on the debt securities are payable in any foreign currency or currency unit, we will describe in the prospectus supplement the restrictions, elections, tax consequences, specific terms and other information relating to those debt securities and the foreign currency or currency unit.

Subsidiary Guarantees. If specified in the prospectus supplement, the Company's payment obligations under any series of the debt securities may be jointly and severally guaranteed by one or more of the Company's

Table of Contents

subsidiaries. Such guarantees will be full and unconditional. If a series of debt securities is so guaranteed by any of the Company's subsidiaries, the applicable subsidiaries will execute a supplemental indenture or notation of guarantee as further evidence of their guarantee. The applicable prospectus supplement will describe the terms of any guarantee by one or more of our subsidiaries, and will describe any of our subsidiaries that do not guarantee the applicable debt securities.

The obligations of each subsidiary under its subsidiary guarantee may be limited to the maximum amount that will not result in such guarantee obligations constituting a fraudulent conveyance or fraudulent transfer under federal or state law, after giving effect to all other contingent and fixed liabilities of that subsidiary and any collections from or payments made by or on behalf of any other subsidiary guarantor in respect of its obligations under its subsidiary guarantee.

Each indenture may restrict consolidations or mergers with or into a subsidiary guarantor or provide for the release of a subsidiary from a subsidiary guarantee, as set forth in a related prospectus supplement, the applicable indenture and any applicable related supplemental indenture.

If a series of debt securities is guaranteed by any of the Company's future subsidiaries and is designated as subordinate to the Company's senior debt, then the guarantee by those subsidiaries will be subordinated to such subsidiary's senior debt and will be subordinated to any guarantees by those subsidiaries of the Company's senior debt. See "Provisions Applicable Solely to Subordinated Debt Securities—Subordination."

Consolidation, Merger and Sale of Assets. The indentures generally permit a consolidation or merger between the Company and another entity. They also permit the Company to sell, lease, convey, transfer or otherwise dispose of all or substantially all of its assets. The Company has agreed, however, that it will not consolidate with or merge into any entity or sell, lease, convey, transfer or otherwise dispose of all or substantially all of its assets to any entity unless:

immediately after giving effect to the transaction, no default or event of default would occur and be continuing or would result from the transaction; and

if it is not the continuing entity, the resulting entity or transferee is organized and existing under the laws of any U.S. jurisdiction and assumes the due and punctual payments on the debt securities and the performance of its covenants and obligations under the indenture and the debt securities.

Upon any such consolidation or merger in which the Company is not the continuing entity or any such asset sale, lease, conveyance, transfer or disposition involving the Company, the resulting entity or transferee will be substituted for the Company under the applicable indenture and debt securities. In the case of an asset sale, conveyance, transfer or disposition other than a lease, the Company will be released from the applicable indenture if the resulting transferee is substituted for the Company in accordance with the foregoing.

Events of Default. Unless we inform you otherwise in the applicable prospectus supplement, the following are events of default with respect to a series of debt securities:

failure to pay interest when due on that series of debt securities for 30 days;

failure to pay principal of or any premium on that series of debt securities when due;

failure to make any sinking fund payment when required for that series for 30 days;

failure to comply with any covenant or agreement in that series of debt securities or the applicable indenture (other than an agreement or covenant that has been included in the indenture solely for the benefit of one or more other series of debt securities) for 90 days after written notice by the trustee or by the holders of at least 25% in principal amount of the outstanding debt securities issued under that indenture that are affected by that failure;

Table of Contents

specified events involving bankruptcy, insolvency or reorganization of the Company; and

any other event of default provided for in that series of debt securities.

A default under one series of debt securities will not necessarily be a default under another series unless we inform you otherwise in the applicable prospectus supplement. The indentures provide that the trustee generally must mail notice of a default or event of default of which it has actual knowledge to the registered holders of the applicable debt securities within 90 days of occurrence. However, the trustee may withhold notice to the holders of the debt securities of any default or event of default (except in any payment on the debt securities) if the trustee considers it in the interest of the holders of the debt securities to do so.

If an event of default relating to certain events of bankruptcy, insolvency or reorganization occurs, the principal of and interest on all the debt securities issued under the applicable indenture will become immediately due and payable without any action on the part of the trustee or any holder. Unless we inform you otherwise in the applicable prospectus supplement, if any other event of default for any series of debt securities occurs and is continuing, the trustee or the holders of at least 25% in principal amount of the outstanding debt securities of the series affected by the default (or, in some cases, 25% in principal amount of all debt securities issued under the applicable indenture that are affected, voting as one class) may declare the principal of and all accrued and unpaid interest on those debt securities immediately due and payable. The holders of a majority in principal amount of the outstanding debt securities of the series affected by the event of default (or, in some cases, of all debt securities issued under the applicable indenture that are affected, voting as one class) may in some cases rescind this accelerated payment requirement.

Unless we inform you otherwise in the applicable prospectus supplement, a holder of a debt security of any series issued under an indenture may pursue any remedy under that indenture only if:

the holder gives the trustee written notice of a continuing event of default for that series;

the holders of at least 25% in principal amount of the outstanding debt securities of that series make a written request to the trustee to pursue the remedy;

the holders offer to the trustee indemnity satisfactory to the trustee;

the trustee fails to act for a period of 60 days after receipt of the request and offer of indemnity; and

during that 60-day period, the holders of a majority in principal amount of the debt securities of that series do not give the trustee a direction inconsistent with the request.

This provision does not, however, affect the right of a holder of a debt security to sue for enforcement of any overdue payment.

In most cases, and subject to the terms of the applicable prospectus supplement, holders of a majority in principal amount of the outstanding debt securities of a series (or of all debt securities issued under the applicable indenture that are affected, voting as one class) may direct the time, method and place of:

with respect to debt securities of a series, conducting any proceeding for any remedy available to the trustee and exercising any trust or power conferred on the trustee relating to or arising as a result of specified events of default; or

with respect to all debt securities issued under the applicable indenture that are affected, conducting any proceeding for any remedy available to the trustee and exercising any trust or power conferred on the trustee relating to or arising other than as a result of such specified events of default.

The trustee, however, may refuse to follow any such direction that conflicts with law or the indentures, is unduly prejudicial to the rights of other holders of the debt securities or would involve the trustee in personal

Table of Contents

liability. In addition, prior to acting at the direction of holders, the trustee will be entitled to be indemnified by those holders against any loss and expenses caused thereby.

The indentures require the Company to file each year with the trustee a written statement as to its compliance with the covenants contained in the applicable indenture.

Modification and Waiver. Unless we inform you otherwise in the applicable prospectus supplement, each indenture may be amended or supplemented if the holders of a majority in principal amount of the outstanding debt securities of all series issued under that indenture that are affected by the amendment or supplement (acting as one class) consent to it. Without the consent of the holder of each debt security issued under the indenture and affected, however, no modification to that indenture may:

reduce the amount of debt securities whose holders must consent to an amendment, supplement or waiver;

reduce the rate of or change the time for payment of interest on the debt security;

reduce the principal of the debt security or change its stated maturity;

reduce any premium payable on the redemption of the debt security or change the time at which the debt security may or must be redeemed;

change any obligation to pay additional amounts on the debt security;

make payments on the debt security payable in currency other than as originally stated in the debt security;

impair the holder's right to institute suit for the enforcement of any payment on the debt security;

make any change in the percentage of principal amount of debt securities necessary to waive compliance with certain provisions of the indenture or to make any change in the provision related to modification;

with respect to the subordinated indenture, modify the provisions relating to the subordination of any subordinated debt security in a manner adverse to the holder of that security; or

waive a continuing default or event of default regarding any payment on the debt securities.

Unless we inform you otherwise in the applicable prospectus supplement, each indenture may be amended or supplemented or any provision of that indenture may be waived without the consent of any holders of debt securities issued under that indenture in certain circumstances, including:

to cure any ambiguity, omission, defect or inconsistency;

to provide for the assumption of the obligations under the indenture of the Company by a successor upon any merger or consolidation or asset sale, lease, conveyance, transfer or other disposition of all or substantially all of our assets, in each case as permitted under the indenture;

to provide for uncertificated debt securities in addition to or in place of certificated debt securities or to provide for the issuance of bearer debt securities;

to provide any security for, or to add any guarantees of or any additional obligors on any series of debt securities;

to comply with any requirement to effect or maintain the qualification of that indenture under the Trust Indenture Act of 1939;

to add covenants that would benefit the holders of any debt securities or to surrender any rights the Company has under that indenture;

to add events of default with respect to any debt securities;

Table of Contents

to make any change that does not adversely affect any outstanding debt securities of any series issued under that indenture in any material respect;

to establish the form or terms of any debt security;

to supplement the provisions of an indenture to permit or facilitate defeasance or discharge of securities that does not adversely affect any outstanding debt securities of any series issued under that indenture in any material respect; and

to evidence and provide for the acceptance of appointment under the indenture by a successor trustee with respect to debt securities of one or more series and to add to or change any of the provisions of the indenture as shall be necessary to provide for or facilitate the administration of the trusts under the indenture by more than one trustee.

Unless we inform you otherwise in the applicable prospectus supplement, the holders of a majority in principal amount of the outstanding debt securities of any series (or, in some cases, of all debt securities issued under the applicable indenture that are affected, voting as one class) may waive any existing or past default or event of default with respect to those debt securities. Those holders may not, however, waive any default or event of default in any payment on any debt security or compliance with a provision that cannot be amended or supplemented without the consent of each holder affected.

Defeasance. When we use the term defeasance, we mean discharge from some or all of the Company's obligations under an indenture. If any combination of funds or government securities are deposited with the trustee under an indenture sufficient to make payments on the debt securities of a series issued under that indenture on the dates those payments are due and payable, then, at the Company's option, either of the following will occur:

The Company will be discharged from its obligations with respect to the debt securities of that series (legal defeasance); or

The Company will no longer have any obligation to comply with the consolidation, merger and sale of assets covenant and other specified covenants relating to the debt securities of that series, and the related events of default will no longer apply (covenant defeasance).

If a series of debt securities is defeased, the holders of the debt securities of the series affected will not be entitled to the benefits of the applicable indenture, except for obligations to register the transfer or exchange of debt securities, replace stolen, lost or mutilated debt securities or maintain paying agencies and hold moneys for payment in trust. In the case of covenant defeasance, the obligation of the Company to pay principal, premium and interest on the debt securities will also survive.

Unless we inform you otherwise in the prospectus supplement, we will be required to deliver to the trustee an opinion of counsel that the deposit and related defeasance would not cause the holders of the debt securities to recognize income, gain or loss for U.S. federal income tax purposes. If we elect legal defeasance, that opinion of counsel must be based upon a ruling from the U.S. Internal Revenue Service or a change in law to that effect.

Governing Law. New York law will govern the indentures and the debt securities.

Trustee. If an event of default occurs under an indenture and is continuing, the trustee under that indenture will be required to use the degree of care and skill of a prudent person in the conduct of that person's own affairs. The trustee will become obligated to exercise any of its powers under that indenture at the request of any of the holders of any debt securities issued under that indenture only after those holders have offered the trustee indemnity satisfactory to it.

Form, Exchange, Registration and Transfer. Unless we inform you otherwise in the applicable prospectus supplement, the debt securities will be issued in registered form, without interest coupons. There will be no

Table of Contents

service charge for any registration of transfer or exchange of the debt securities. However, payment of any transfer tax or similar governmental charge payable for that registration may be required.

Debt securities of any series will be exchangeable for other debt securities of the same series, the same total principal amount and the same terms but in different authorized denominations in accordance with the applicable indenture. Holders may present debt securities for registration of transfer at the office of the security registrar or any transfer agent the Company designates. The security registrar or transfer agent will effect the transfer or exchange if its requirements and the requirements of the applicable indenture are met.

The trustee will be appointed as security registrar for the debt securities. If a prospectus supplement refers to any transfer agents the Company initially designates, the Company may at any time rescind that designation or approve a change in the location through which any transfer agent acts. The Company is required to maintain an office or agency for transfers and exchanges in each place of payment. The Company may at any time designate additional transfer agents for any series of debt securities.

Unless we inform you otherwise in the applicable prospectus supplement, in the case of any redemption, the Company will not be required to register the transfer or exchange of:

any debt security during a period beginning 15 business days prior to the mailing of any notice of redemption or mandatory offer to repurchase and ending on the close of business on the day of mailing of such notice; or

any debt security that has been called for redemption in whole or in part, except the unredeemed portion of any debt security being redeemed in part.

Payment and Paying Agent. Unless we inform you otherwise in a prospectus supplement, payments on the debt securities will be made in U.S. dollars at the office of the trustee and any paying agent. At our option, however, payments may be made by wire transfer for global debt securities or by check mailed to the address of the person entitled to the payment as it appears in the security register. Unless we inform you otherwise in a prospectus supplement, interest payments will be made to the person in whose name the debt security is registered at the close of business on the record date for the interest payment.

Unless we inform you otherwise in a prospectus supplement, the trustee under the applicable indenture will be designated as the paying agent for payments on debt securities issued under that indenture. We may at any time designate additional paying agents or rescind the designation of any paying agent or approve a change in the office through which any paying agent acts.

If the principal of or any premium or interest on debt securities of a series is payable on a day that is not a business day, the payment will be made on the next succeeding business day as if made on the date that the payment was due and no interest will accrue on that payment for the period from and after the due date to the date of that payment on the next succeeding business day. For these purposes, unless we inform you otherwise in a prospectus supplement, a business day is any day that is not a Saturday, a Sunday or a day on which banking institutions in any of New York, New York or a place of payment on the debt securities of that series is authorized or obligated by law, regulation or executive order to remain closed.

Subject to the requirements of any applicable abandoned property laws, the trustee and paying agent will pay to us upon written request any money held by them for payments on the debt securities that remains unclaimed for two years after the date upon which that payment has become due. After payment to us, holders entitled to the money must look to us for payment. In that case, all liability of the trustee or paying agent with respect to that money will cease.

Notices. Any notice required by the indentures to be provided to holders of the debt securities will be given by mail to the registered holders at the addresses as they appear in the security register.

Table of Contents

Replacement of Debt Securities. The Company will replace any debt securities that become mutilated, destroyed, stolen or lost at the expense of the holder upon delivery to the trustee of the mutilated debt securities or evidence of the loss, theft or destruction satisfactory to the Company and the trustee. In the case of a lost, stolen or destroyed debt security, indemnity satisfactory to the trustee and the Company may be required at the expense of the holder of the debt securities before a replacement debt security will be issued.

Book-Entry Debt Securities. The debt securities of a series may be issued in the form of one or more global debt securities that would be deposited with a depository or its nominee identified in the prospectus supplement. Global debt securities may be issued in either temporary or permanent form. We will describe in the prospectus supplement the terms of any depository arrangement and the rights and limitations of owners of beneficial interests in any global debt security.

Provisions Applicable Solely to Subordinated Debt Securities

Subordination. Under the subordinated indenture, payment of the principal of and any premium and interest on the subordinated debt securities will generally be subordinated and junior in right of payment to the prior payment in full of all Senior Debt, as described below. Unless we inform you otherwise in the prospectus supplement, the Company may not make any payment of principal or any premium or interest on the subordinated debt securities if it fails to pay the principal, interest, premium or any other amounts on any Senior Debt when due.

The subordination does not affect the Company's obligation, which is absolute and unconditional, to pay, when due, the principal of and any premium and interest on the subordinated debt securities. In addition, the subordination does not prevent the occurrence of any default under the subordinated indenture.

Unless we inform you otherwise in the applicable prospectus supplement, the subordinated indenture will not limit the amount of Senior Debt that the Company may incur. As a result of the subordination of the subordinated debt securities, if the Company becomes insolvent, holders of subordinated debt securities may receive less on a proportionate basis than other creditors.

Unless we inform you otherwise in the applicable prospectus supplement, Senior Debt will mean all debt, including guarantees, of the Company, unless the debt states that it is not senior to any subordinated debt securities or other junior debt of the Company. Senior Debt with respect to a series of subordinated debt securities could include other series of debt securities issued under a subordinated indenture.

Table of Contents

DESCRIPTION OF CAPITAL STOCK

Our authorized capital stock consists of 160,000,000 shares of common stock, par value \$0.01 per share, and 2,000,000 shares of preferred stock, par value \$0.01 per share. At August 2, 2017, we had 100,437,295 outstanding shares of common stock and no outstanding shares of preferred stock.

Common Stock

Holders of all of our common stock will be entitled to receive their pro rata shares of dividends in the amounts and at the times declared by our board of directors in its discretion out of funds legally available for the payment of dividends.

Subject to any special voting rights of any series of preferred stock that we may issue in the future, each share of common stock has one vote on all matters voted on by our shareholders, including the election of directors. No share of common stock has any cumulative voting or preemptive rights or is redeemable, assessable or entitled to the benefits of any sinking or repurchase fund. Holders of common stock will share equally in our assets on liquidation after payment or provision for all liabilities and any preferential liquidation rights of any preferred stock then outstanding. All outstanding shares of common stock are fully paid and non-assessable.

Preferred Stock

At the direction of our board of directors, we may issue shares of preferred stock from time to time. Our board of directors may, without any action by holders of common stock, adopt resolutions to issue preferred stock by establishing the number, rights and preferences of, and designating, one or more series of preferred stock. No series of preferred stock has been designated and established by our board of directors. The rights of any series of preferred stock may include, among others:

general or special voting rights;

preferential liquidation or preemptive rights;

preferential cumulative or noncumulative dividend rights;

redemption or put rights; and

conversion or exchange rights.

We may issue shares of, or rights to purchase shares of, preferred stock the terms of which might:

adversely affect voting or other rights evidenced by, or amounts otherwise payable with respect to, the common stock;

discourage an unsolicited proposal to acquire us; or

facilitate a particular business combination involving us.

Any of these actions could discourage a transaction that some or a majority of our shareholders might believe to be in their best interests or in which our shareholders might receive a premium for their stock over our then market price.

Business Combinations under Texas Law

A number of provisions of Texas law, our certificate of formation and bylaws could make more difficult the acquisition of Matador by means of a tender offer, a proxy contest or otherwise and the removal of incumbent officers and directors. These provisions are intended to discourage coercive takeover practices and inadequate takeover bids and to encourage persons seeking to acquire control of Matador to negotiate first with our board of directors.

Table of Contents

We are subject to the provisions of Title 2, Chapter 21, Subchapter M of the Texas Business Organizations Code (the Texas Business Combination Law). That law provides that a Texas corporation may not engage in specified types of business combinations, including mergers, consolidations and asset sales, with a person, or an affiliate or associate of that person, who is an affiliated shareholder. An affiliated shareholder is generally defined as (i) the holder of 20% or more of the corporation's voting shares or (ii) a person who, during the preceding three year period, was a holder of 20% or more of the corporation's voting shares. The law's prohibitions do not apply if:

the business combination or the acquisition of shares by the affiliated shareholder was approved by the board of directors of the corporation before the affiliated shareholder became an affiliated shareholder; or

the business combination was approved by the affirmative vote of the holders of at least two-thirds of the outstanding voting shares of the corporation not beneficially owned by the affiliated shareholder, at a meeting of shareholders called for that purpose, not less than six months after the affiliated shareholder became an affiliated shareholder.

Because we have a class of voting shares registered under the Exchange Act, we are considered an issuing public corporation for purposes of this law. The Texas Business Combination Law does not apply to the following:

the business combination of an issuing public corporation: where the corporation's original charter or bylaws contain a provision expressly electing not to be governed by the Texas Business Combination Law; or that adopts an amendment to its charter or bylaws, by the affirmative vote of the holders, other than affiliated shareholders, of at least two-thirds of the outstanding voting shares of the corporation, expressly electing not to be governed by the Texas Business Combination Law and so long as the amendment does not take effect for 18 months following the date of the vote and does not apply to a business combination with an affiliated shareholder who became affiliated on or before the effective date of the amendment;

a business combination of an issuing public corporation with an affiliated shareholder that became an affiliated shareholder inadvertently, if the affiliated shareholder divests itself, as soon as possible, of enough shares to no longer be an affiliated shareholder and would not at any time within the three-year period preceding the announcement of the business combination have been an affiliated shareholder but for the inadvertent acquisition;

a business combination with an affiliated shareholder who became an affiliated shareholder through a transfer of shares by will or intestacy and continuously was an affiliated shareholder until the announcement date of the business combination; and

a business combination of a corporation with its wholly owned Texas subsidiary if the subsidiary is not an affiliate or associate of the affiliated shareholder other than by reason of the affiliated shareholder's beneficial ownership of voting shares of the corporation.

Neither our certificate of formation nor our bylaws contain any provision expressly providing that we will not be subject to the Texas Business Combination Law. The Texas Business Combination Law may have the effect of inhibiting a non-negotiated merger or other business combination involving the Company, even if that event would be beneficial to our shareholders.

Action by Consent

Our bylaws and Texas law provide that any action that can be taken at any special or annual meeting of shareholders may be taken by unanimous written consent of all shareholders entitled to vote.

Table of Contents

Certain Charter and Bylaw Provisions

Our certificate of formation and bylaws contain certain provisions that could discourage potential takeover attempts and make it more difficult for our shareholders to change management or receive a premium for their shares. These provisions include:

authorization for our board of directors to issue preferred stock without shareholder approval;

a classified board of directors so that not all members of our board of directors are elected at one time;

the prohibition of cumulative voting in the election of directors; and

a limitation on the ability of shareholders to call special meetings to those owning at least 25% of our outstanding shares of common stock.

Limitation of Liability and Indemnification of Officers and Directors

Our certificate of formation provides that our directors are not liable to the Company or its shareholders for monetary damages for an act or omission in their capacity as a director. A director may, however, be found liable for:

any breach of the director's duty of loyalty to the Company or its shareholders;

acts or omissions not in good faith that constitute a breach of the director's duty to the Company;

acts or omissions that involve intentional misconduct or a knowing violation of law;

any transaction from which the director receives an improper benefit; or

acts or omissions for which the liability is expressly provided by an applicable statute.

Our certificate of formation also provides that we will indemnify our directors, and may indemnify our officers, employees and agents, to the fullest extent permitted by applicable Texas law from any expenses, liabilities or other matters. Insofar as indemnification for liabilities arising under the Securities Act may be permitted for directors, officers and controlling persons of the Company under our certificate of formation, it is the position of the SEC that such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable.

Indemnification Agreements

We have entered into indemnification agreements with each of our directors and executive officers, as well as certain of our other officers. Under these agreements, we have agreed to indemnify the director or officer who acts on behalf of the Company and is made or threatened to be made a party to any action or proceeding for expenses, judgments, fines and amounts paid in settlement that are actually and reasonably incurred in connection with the action or proceeding. The indemnity provisions apply whether the action was instituted by a third party or by us. Generally, the principal limitation on our obligation to indemnify the director or officer will be if it is determined by a court of law, not subject to further appeal, that indemnification is prohibited by applicable law or the provisions of the indemnification agreement.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is Computershare Trust Company, N.A.

Listing

Our common stock is listed on the NYSE under the symbol MTDR.

Table of Contents

DESCRIPTION OF WARRANTS

We may issue warrants that entitle the holder to purchase debt securities, preferred stock or common stock. Warrants may be issued independently or together with debt securities, preferred stock or common stock offered by any prospectus supplement and may be attached to or separate from any such offered securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between us and a bank or trust company, as warrant agent, all as will be set forth in the prospectus supplement relating to the particular issue of warrants. The warrant agent will act solely as our agent in connection with the warrants and will not assume any obligation or relationship of agency or trust for or with any holders of warrants or beneficial owners of warrants.

The prospectus supplement relating to any warrants we may offer will include specific terms relating to the offering. We will file the form of any warrant agreement with the SEC, and you should read the warrant agreement for provisions that may be important to you. The prospectus supplement will include some or all of the following terms:

the title of the warrants;

the aggregate number of warrants offered;

the designation, number and terms of the debt securities, common stock or preferred stock purchasable upon exercise of the warrants, and procedures by which the number of securities purchasable may be adjusted;

the exercise price of the warrants;

the dates or periods during which the warrants are exercisable;

the designation and terms of any securities with which the warrants are issued;

if the warrants are issued as a unit with another security, the date, if any, on and after which the warrants and the other security will be separately transferable;

if the exercise price is not payable in U.S. dollars, the foreign currency, currency unit or composite currency in which the exercise price is denominated;

any minimum or maximum amount of warrants that may be exercised at any one time; and

any terms, procedures and limitations relating to the transferability, exchange or exercise of the warrants.

Warrants will be issued in registered form only. The exercise price for warrants will be subject to adjustment in accordance with the applicable prospectus supplement.

Each warrant will entitle the holder thereof to purchase such principal amount of debt securities or such number of shares of preferred stock or common stock at such exercise price as shall in each case be set forth in, or calculable from, the prospectus supplement relating to the warrants, which exercise price may be subject to adjustment upon the occurrence of certain events as set forth in such prospectus supplement. After the close of business on the expiration date, or such later date to which such expiration date may be extended by us, unexercised warrants will become void. The place or places where, and the manner in which, warrants may be exercised shall be specified in the prospectus supplement relating to such warrants.

Prior to the exercise of any warrants to purchase debt securities, preferred stock or common stock, holders of such warrants will not have any of the rights of holders of debt securities, preferred stock or common stock, as the case may be, purchasable upon such exercise, including the right to receive payments of principal of, premium, if any, or interest, if any, on the debt securities purchasable upon such exercise or to enforce covenants in the applicable Indenture, or to receive payments of dividends, if any, on the preferred stock, or common stock purchasable upon such exercise, or to exercise any applicable right to vote.

Table of Contents

PLAN OF DISTRIBUTION

We may sell the securities in and outside the United States through underwriters or dealers, directly to purchasers, through agents or through a combination of any of these methods. The prospectus supplement will include the following information:

the terms of the offering;

the names of any underwriters or agents;

the purchase price of the securities from us and, if the purchase price is not payable in U.S. dollars, the currency or composite currency in which the purchase price is payable;

the net proceeds to us from the sale of the securities;

any delayed delivery arrangements;

any underwriting discounts, commissions and other items constituting underwriters' compensation;

the initial public offering price;

any discounts or concessions allowed or reallocated or paid to dealers; and

any commissions paid to agents.

In addition, we may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement. If so, the third parties may use securities pledged by us or borrowed from us or others to settle those sales or to close out any related open borrowings of stock, and may use securities received from us in settlement of those derivatives to close out any related open borrowings of stock. The third parties in such sale transactions will be underwriters and, if not identified in this prospectus, will be identified in the applicable prospectus supplement (or a post-effective amendment). We or one of our affiliates may loan or pledge securities to a financial institution or other third party that in turn may sell the securities using this prospectus. Such financial institution or third party may transfer its short position to investors in our securities or in connection with a simultaneous offering of other securities offered by this prospectus or otherwise.

Sale Through Underwriters or Dealers

If we use underwriters in the sale of securities, the underwriters will acquire the securities for their own account. The underwriters may resell the securities from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. Underwriters may offer securities to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more firms acting as underwriters. Unless we inform you otherwise in the prospectus supplement, the obligations of the underwriters to purchase the securities will be subject to conditions, and the underwriters will be obligated to purchase all the securities if they purchase any of them. The underwriters may change from time to time any initial public offering price and any discounts or concessions allowed or reallocated or paid to dealers.

During and after an offering through underwriters, the underwriters may purchase and sell the securities in the open market. These transactions may include over-allotment and stabilizing transactions and purchases to cover syndicate short positions created in connection with the offering. The underwriters may also impose a penalty bid, whereby selling concessions allowed to syndicate members or other broker-dealers for the offered securities sold for their account may be reclaimed by the syndicate if such offered securities are repurchased by the syndicate in stabilizing or covering transactions. These activities may stabilize, maintain or otherwise affect the market price of the offered securities, which may be higher than the price that might otherwise prevail in the open market. If commenced, these activities may be discontinued at any time.

Table of Contents

If we use dealers in the sale of securities, we will sell the securities to them as principals. They may then resell those securities to the public at varying prices determined by the dealers at the time of resale. The dealers participating in any sale of the securities may be deemed to be underwriters within the meaning of the Securities Act with respect to any sale of those securities. We will include in the prospectus supplement the names of the dealers and the terms of the transaction.

Direct Sales and Sales Through Agents

We may sell the securities directly. In that event, no underwriters or agents would be involved. We may also sell the securities through agents we designate from time to time. In the prospectus supplement, we will name any agent involved in the offer or sale of the securities, and we will describe any commissions payable by us to the agent. Unless we inform you otherwise in the prospectus supplement, any agent will agree to use its reasonable best efforts to solicit purchases for the period of its appointment.

We may sell the securities directly to institutional investors or others who may be deemed to be underwriters within the meaning of the Securities Act with respect to any sale of those securities. We will describe the terms of any such sales in the prospectus supplement.

Delayed Delivery Contracts

If we so indicate in the prospectus supplement, we may authorize agents, underwriters or dealers to solicit offers from certain types of institutions to purchase securities from us at the public offering price under delayed delivery contracts. These contracts would provide for payment and delivery on a specified date in the future. The contracts would be subject only to those conditions described in the prospectus supplement. The prospectus supplement will describe the commission payable for solicitation of those contracts.

Remarketing Arrangements

Offered securities also may be offered and sold, if so indicated in the applicable prospectus supplement, in connection with a remarketing upon their purchase, in accordance with a redemption or repayment pursuant to their terms or otherwise, by one or more remarketing firms, acting as principals for their own accounts or as agents for us. Any remarketing firm will be identified and the terms of its agreements, if any, with us and its compensation will be described in the applicable prospectus supplement. Remarketing firms may be deemed to be underwriters within the meaning of the Securities Act in connection with the securities remarketed.

General Information

We may have agreements with the agents, dealers and underwriters to indemnify them against civil liabilities, including liabilities under the Securities Act, or to contribute with respect to payments that the agents, dealers or underwriters may be required to make. Agents, dealers and underwriters may engage in transactions with us or perform services for us in the ordinary course of their businesses.

The securities may or may not be listed on a national securities exchange. We cannot assure you that there will be a market for the securities.

Table of Contents

LEGAL MATTERS

The validity of the securities offered in this prospectus will be passed upon for us by Gibson, Dunn & Crutcher LLP, Dallas, Texas. If the securities are being distributed in an underwritten offering, certain legal matters related to the offering of the securities will be passed upon for the underwriters by counsel identified in the applicable prospectus supplement.

EXPERTS

The consolidated financial statements of Matador Resources Company and its subsidiaries as of December 31, 2016 and 2015, and for each of the years in the three-year period ended December 31, 2016, and management's assessment of the effectiveness of internal control over financial reporting as of December 31, 2016, have been incorporated by reference herein in reliance upon the reports of KPMG LLP, independent registered public accounting firm, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

Certain information with respect to our proved oil and natural gas reserves and future net revenues incorporated by reference herein has been audited by Netherland, Sewell & Associates, Inc., independent reservoir engineers. Such information is incorporated herein in reliance on the authority of such firm as experts in reservoir engineering.

Table of Contents

7,000,000 Shares

Matador Resources Company

Common Stock

PROSPECTUS SUPPLEMENT

RBC Capital Markets

, 2018