

---

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, DC 20549

---

**FORM S-3  
REGISTRATION STATEMENT**  
*UNDER  
THE SECURITIES ACT OF 1933*

---

**DIAMONDBACK ENERGY, INC.**  
(Exact Name of Registrant as Specified in Its Charter)

---

**Delaware**  
(State or Other Jurisdiction  
of Incorporation or Organization)

**45-4502447**  
(I.R.S. Employer  
Identification Number)

**500 West Texas, Suite 1200  
Midland, Texas 79701  
(432) 221-7400**  
(Address, Including Zip Code, and Telephone Number, Including Area Code, of Registrant's Principal Executive Offices)

---

**Teresa L. Dick  
Chief Financial Officer  
9400 N. Broadway, Suite 700  
Oklahoma City, Oklahoma 73114  
(405) 463-6900**  
(Name, Address, Including Zip Code, and Telephone Number, Including Area Code, of Agent For Service)

---

*Copies to:*  
**Seth R. Molay, P.C.  
Akin Gump Strauss Hauer & Feld LLP  
1700 Pacific Avenue, Suite 4100  
Dallas, TX 75201  
(214) 969-2800  
(214) 969-4343 (facsimile)**

---

**Approximate date of commencement of proposed sale to the public:** From time to time after this Registration Statement becomes effective.

If the only securities being registered on this form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box. x

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box. x

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/> (Do not check if a smaller reporting company)	Smaller reporting company	<input type="checkbox"/>
		Emerging Growth Company	<input type="checkbox"/>

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

#### CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered <sup>(1)</sup>	Amount to Be Registered <sup>(1)</sup>	Proposed Maximum Offering Price Per Unit <sup>(1)(2)(3)</sup>	Proposed Maximum Aggregate Offering Price <sup>(1)(2)(3)</sup>	Amount of Registration Fee <sup>(2)(3)</sup>
Primary Offering <sup>(1)</sup> :				
Common stock, par value \$0.01 per share				
Secondary Offering:				
Common stock, par value \$0.01 per share	7,685,918	\$99.85	\$767,438,912.30	\$88,946.17

- (1) There is being registered hereunder an indeterminate number of common stock as may be sold, from time to time, by Diamondback Energy, Inc. in a primary offering. Any securities registered hereunder may be sold separately, together or in units with other securities registered hereunder.
- (2) In accordance with Rules 456(b) and 457(r) under the Securities Act, the registrant is deferring payment of the registration fee with respect to the securities that may be offered by the registrant in a primary offering in connection with this Registration Statement.
- (3) With respect to the shares of common stock that may be offered from time to time by the selling stockholders in a secondary offering in connection with this Registration Statement, the proposed maximum offering price per unit and the proposed maximum aggregate offering price were estimated solely for purposes of calculating the registration fee, based on the average of the high and low prices for our common stock as quoted on The NASDAQ Global Select Market on May 24, 2017, in accordance with Rule 457(c) under the Securities Act of 1933, as amended.



# Diamondback Energy, Inc.

## Common Stock

---

By this prospectus, we may offer and sell, from time to time in one or more offerings, our common stock. This prospectus may also be used by the selling stockholders named in this prospectus and any other selling stockholder that may be identified in any applicable prospectus supplement in connection with resales, from time to time in one or more offerings, of up to 7,685,918 shares of our common stock held by such selling stockholders. We refer to our common stock that may be offered by us and/or selling stockholders pursuant to this prospectus and any applicable prospectus supplement collectively as the “common stock.”

This prospectus provides you with a general description of the common stock and the general manner in which we or our selling stockholders will offer the common stock. Each time we or our selling stockholders sell common stock, to the extent required, we will provide a supplement to this prospectus that contains specific information about the offering. The supplement may also add, update or change information contained in this prospectus. You should carefully read this prospectus, all prospectus supplements and all other documents incorporated by reference in this prospectus before you invest in our common stock.

***Investing in our common stock involves risks. See “Risk Factors” beginning on page 1.***

Our common stock is listed on The NASDAQ Global Select Market under the symbol “FANG.” Our principal executive offices are located at 500 West Texas, Suite 1200, Midland, Texas 79701, and our telephone number is (432) 221-7400.

**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 May 30, 2017.**

## TABLE OF CONTENTS

About This Prospectus	ii
Cautionary Note Regarding Forward-Looking Statements	iii
Our Company	1
Risk Factors	1
Use of Proceeds	1
Selling Stockholders	1
Description of Capital Stock	3
Plan of Distribution	6
Where You Can Find More Information	7
Information Incorporated by Reference	8
Legal Matters	8
Experts	9

## ABOUT THIS PROSPECTUS

This prospectus is part of a “shelf” registration statement that we filed with the Securities and Exchange Commission, or the SEC, as a “well-known seasoned issuer” (as defined in Rule 405 of the Securities Act of 1933, as amended, or the Securities Act), using a “shelf” registration process. Under this shelf registration process, we may, from time to time, offer and/or sell the common stock described in this prospectus, and the selling stockholders named in this prospectus or selling stockholders that may be identified in an applicable prospectus supplement may, from time to time, resell up to 7,685,918 shares of our common stock, in each case, in one or more offerings. This prospectus provides you with a general description of the common stock we and/or selling stockholders may offer. This prospectus does not contain all the information set forth in the registration statement as permitted by the rules of the SEC. Each time we or selling stockholders sell common stock, to the extent required, we will provide a supplement to this prospectus that will contain specific information about the terms of that offering. That prospectus supplement may also add, update or change information contained in this prospectus. Before purchasing any of our common stock, you should carefully read both this prospectus and any applicable prospectus supplement, together with the additional information described in this prospectus under the headings “Where You Can Find More Information” and “Information Incorporated by Reference.”

You should rely only on the information contained in this prospectus and in any applicable prospectus supplement, including any information incorporated by reference. Neither we nor the selling stockholders have authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. You should not assume that the information appearing in this prospectus, any prospectus supplement or any document incorporated by reference is accurate at any date other than as of the date of each such document. Our business, financial condition, results of operations and prospects may have changed since the date indicated on the cover page of such documents.

The distribution of this prospectus may be restricted by law in certain jurisdictions. You should inform yourself about and observe any of these restrictions. This prospectus does not constitute, and may not be used in connection with, an offer or solicitation by anyone in any jurisdiction in which the offer or solicitation is not authorized, or in which the person making the offer or solicitation is not qualified to do so, or to any person to whom it is unlawful to make the offer or solicitation.

When used in this prospectus or in any supplement to this prospectus, the terms “Diamondback Energy,” the “Company,” “we,” “our” and “us” refer to Diamondback Energy, Inc. and its consolidated subsidiaries, unless otherwise indicated or the context otherwise requires.

## CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus, including the documents incorporated by reference, contains forward-looking statements. These forward-looking statements are subject to a number of risks and uncertainties, many of which are beyond our control, which may include statements about our:

- business strategy;
- exploration and development drilling prospects, inventories, projects and programs;
- acquisitions;
- oil and natural gas reserves;
- identified drilling locations;
- ability to obtain permits and governmental approvals;
- technology;
- financial strategy;
- realized oil and natural gas prices;
- production;
- lease operating expenses, general and administrative costs and finding and development costs;
- future operating results; and
- plans, objectives, expectations and intentions.

All of these types of statements, other than statements of historical fact included or incorporated by reference in this prospectus, are forward-looking statements. In some cases, you can identify forward-looking statements by terminology such as “may,” “could,” “should,” “expect,” “plan,” “project,” “intend,” “anticipate,” “believe,” “estimate,” “predict,” “potential,” “pursue,” “target,” “seek,” “objective” or “continue,” the negative of such terms or other comparable terminology.

The forward-looking statements contained or incorporated by reference in this prospectus are largely based on our expectations, which reflect estimates and assumptions made by our management. These estimates and assumptions reflect our best judgment based on currently known market conditions and other factors. Although we believe such estimates and assumptions to be reasonable, they are inherently uncertain and involve a number of risks and uncertainties that are beyond our control. In addition, our management’s assumptions about future events may prove to be inaccurate. Our management cautions all readers that the forward-looking statements contained in this prospectus are not guarantees of future performance, and we cannot assure any reader that such statements will be realized or the forward-looking events and circumstances will occur. Actual results may differ materially from those anticipated or implied in the forward-looking statements due to the many factors including those described under “Risk Factors” incorporated by reference herein and elsewhere in this prospectus. All forward-looking statements contained in this prospectus or included in a document incorporated by reference herein speak only as of the date hereof or thereof, respectively. We do not intend to publicly update or revise any forward-looking statements as a result of new information, future events or otherwise. These cautionary statements qualify all forward-looking statements attributable to us or persons acting on our behalf.

## OUR COMPANY

We are an independent oil and natural gas company focused on the acquisition, development, exploration and exploitation of unconventional, onshore oil and natural gas reserves in the Permian Basin in West Texas. This basin, which is one of the major producing basins in the United States, is characterized by an extensive production history, a favorable operating environment, mature infrastructure, long reserve life, multiple producing horizons, enhanced recovery potential and a large number of operators.

Our activities are primarily directed at the horizontal development of the Wolfcamp and Spraberry formations in the Midland Basin and the Wolfcamp and Bone Spring formations in the Delaware Basin. We intend to continue to develop our reserves and increase production through development drilling and exploitation and exploration activities on our multi-year inventory of identified potential drilling locations and through acquisitions that meet our strategic and financial objectives, targeting oil-weighted reserves. Substantially all of our revenues are generated through the sale of oil, natural gas liquids and natural gas production.

Our principal executive offices are located at 500 West Texas, Suite 1200, Midland, Texas, and our telephone number at that address is (432) 221-7400. We also lease additional office space in Midland and in Oklahoma City, Oklahoma. Our website address is [www.diamondbackenergy.com](http://www.diamondbackenergy.com). Information contained on our website does not constitute part of this prospectus.

## RISK FACTORS

*Investment in our common stock involves certain risks. You should carefully consider the factors contained in our Annual Report on Form 10-K for the fiscal year ended December 31, 2016 under the headings "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations—Critical Accounting Policies" and in any other filings we made with the SEC prior to the filing of this prospectus, including those incorporated by reference into this prospectus, under the heading "Risk Factors" before investing in our common stock. You should also consider similar information contained in any annual report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K or other document filed by us with the SEC after the date of this prospectus before deciding to invest in our common stock. We will also include in any prospectus supplement a description of any other risk factors applicable to an offering contemplated by such prospectus supplement. Additional risks and uncertainties not known to us or that we view as immaterial may also impair our business operations. Any of these risks could materially and adversely affect our business, financial condition, results of operations and cash flows and could result in a loss of all or part of your investment.*

## USE OF PROCEEDS

Unless the applicable prospectus supplement indicates otherwise, we intend to use the net proceeds from the sale of the common stock by us for general corporate purposes, including without limitation repaying or refinancing all or a portion of our existing short-term and long-term debt, making acquisitions of assets, businesses or securities, capital expenditures and for working capital. The precise amount and timing of the application of such proceeds will depend upon our funding requirements and the availability and cost of other capital. Pending any specific application of the net proceeds, we intend to invest our net proceeds in short-term, investment-grade securities, interest-bearing securities or guaranteed obligations of the United States or its agencies.

Unless the applicable prospectus supplement indicates otherwise, we will not receive any proceeds from the sale of common stock by selling stockholders.

## SELLING STOCKHOLDERS

The shares of our common stock covered by this prospectus are being offered by the selling stockholders listed in the table below. This prospectus will not cover subsequent sales of common stock purchased from the selling stockholders named in this prospectus. On February 28, 2017, we issued (i) 6,532,915 shares of our common stock to Brigham Resources, LLC ("Brigham") and (ii) 1,153,003 shares of our common stock to Brigham Resources Operating, LLC ("Brigham Operating"), which were placed in escrow under the terms and conditions of that certain Escrow Agreement, dated as of December 21, 2016 (the "Escrow Agreement"), by and among the Company, Diamondback E&P LLC, Brigham Operating and JPMorgan Chase Bank, N.A., as escrow agent (the "Escrow Agent"), as partial consideration for the acquisition of certain assets of Brigham Operating and Brigham Resources Midstream, LLC. We refer to Brigham and Brigham Operating as the "initial selling stockholders". In connection with the consummation of this acquisition, we entered into a Registration Rights Agreement (the "Registration Rights Agreement") with the initial selling stockholders and Brigham Resources Upstream Holdings, LP, which granted the initial selling stockholders, Brigham Resources Upstream Holdings, LP and their transferees registration rights with respect to the shares of our common stock issued to the initial selling stockholders. Subsequent to the initial issuances of our shares to the initial selling stockholders, Brigham transferred

beneficial ownership of 6,164,493 shares of our common stock to Brigham Resources Upstream Holdings, LP. As used herein, the term “selling stockholder” includes the stockholders listed in the table below and their transferees. We have prepared this prospectus and the registration statement of which it is a part to fulfill our registration requirements with respect to an aggregate of 7,685,918 shares of our common stock beneficially owned by the selling stockholders. Pursuant to the Registration Rights Agreement, we will pay all expenses relating to the registration and offering of these shares, except that the selling stockholders will pay any underwriting fees, discounts or commissions. Pursuant to the terms of the Registration Rights Agreement, we agreed to indemnify the selling stockholders against certain liabilities, including liabilities under the Securities Act, and the selling stockholders have agreed to indemnify us against certain liabilities, including liabilities under the Securities Act, which may arise from any written information furnished to us by the selling stockholders specifically for use in this prospectus.

No offer or sale under this prospectus may be made by a stockholder unless that stockholder is listed in the table below, in a supplement to this prospectus or in an amendment to the related registration statement that has become effective. We may supplement or amend this prospectus to include additional selling stockholders upon provision of all required information to us and subject to the terms of the Registration Rights Agreement.

The following table sets forth the maximum number of shares of our common stock that may be sold by each selling stockholder. We cannot predict when or in what amount the selling stockholders may sell any of the shares offered by the selling stockholders in this prospectus, if at all. The table also sets forth the name of each selling stockholder, the nature of any position, office or other material relationship which such selling stockholder has had, within the past three years, with us or with any of our predecessors or affiliates, and the number of shares of our common stock to be owned by such selling stockholder after completion of the offering. We are filing the registration statement of which this prospectus is a part pursuant to contractual obligations with the selling stockholders, as described in more detail above.

We prepared the table based on information provided to us by the selling stockholders. We have not sought to verify such information. Additionally, the selling stockholders may have sold or transferred some or all of its shares of our common stock in transactions exempt from the registration requirements of the Securities Act since the date on which the information in the table was provided to us. Other information about the selling stockholders may also change over time.

Except as otherwise indicated, the selling stockholders have sole voting and dispositive power with respect to such shares.

Name of Selling Stockholder <sup>(4)(5)</sup>	Shares of Common stock Beneficially Owned Prior to the Offering <sup>(1)</sup>		Shares of Common Stock Being Offered Hereby	Shares of Common stock Beneficially Owned After Completion of the Offering	
	Number	Percent <sup>(2)</sup>	Number	Number	Percent <sup>(2)</sup>
Brigham Resources, LLC	368,422	0.4%	368,422	—	—%
Brigham Resources Operating, LLC	1,153,003 <sup>(3)</sup>	1.2%	1,153,003	—	—%
Brigham Resources Upstream Holdings, LP	6,164,493	6.3%	6,164,493	—	—%

- (1) For purposes of this table, a person or group of persons is deemed to have “beneficial ownership” of any shares which such person has the right to acquire within 60 days. For purposes of computing the percentage of outstanding shares held by each person or group of persons named above, any security which such person or group of persons has the right to acquire within 60 days is deemed to be outstanding for the purpose of computing the percentage ownership for such person or persons, but is not deemed to be outstanding for the purpose of computing the percentage ownership of any other person. As a result, the denominator used in calculating the beneficial ownership among our stockholders may differ.
- (2) Percentage of beneficial ownership is based upon 98,128,043 shares of common stock outstanding as of April 28, 2017. Because the selling stockholders are not obligated to sell any portion of the shares of our common stock shown as offered by them, we cannot estimate the actual number or percentage of shares of our common stock that will be held by the selling stockholders upon completion of this offering. However, for purposes of this table, we have assumed that, after completion of the offering, none of the shares covered by this prospectus will be held by the selling stockholders.
- (3) These shares of common stock are subject to the Escrow Agreement, which restricts the release of the shares from escrow for a certain period of time. The Escrow Agreement limits such selling shareholder’s ability to transfer and exercise certain other powers over the shares.
- (4) Brigham and Brigham Operating acquired these shares of common stock pursuant to a transaction with us and our wholly-owned subsidiary, Diamondback E&P LLC, in connection with an acquisition by us and Diamondback E&P LLC of certain of the assets of Brigham Operating and Brigham Resources Midstream, LLC, which we refer to as the “Sellers”, as previously disclosed in our Annual Report on Form 10-K for the year ended December 31, 2016 and Current Report on Form 8-K filed on March 6, 2017 (as amended by the Current Report on Form 8-K/A filed with the SEC on May 3, 2017). Brigham subsequently transferred a portion of the shares of our common stock it acquired in this acquisition transaction to Brigham Resources Upstream Holdings, LP (“Brigham Upstream”). This common stock was restricted from immediate resale, subject to certain exceptions, pursuant to a 90-



day lock-up contained in the purchase and sale agreement between us, Diamondback E&P LLC and the Sellers entered into in connection with this acquisition. That lock-up expired on May 29, 2017. Other than this transaction, none of the selling stockholders has had any material relationship with us, or any of our predecessors or affiliates within the past three years.

- (5) The information in the footnote is based solely on Schedule 13G/A jointly filed with the SEC on March 13, 2017 jointly by Brigham Upstream, Brigham, Warburg Pincus & Company US, LLC (“Warburg Pincus”), PBRA, LLC (“Pine Brook”), Yorktown IX Associates LLC (“Yorktown IX”), Yorktown X Associates LLC (“Yorktown X”), Yorktown XI Associates LLC (“Yorktown XI”), and YT Brigham Associates LLC (together with Yorktown IX, Yorktown X and Yorktown XI, “Yorktown”). Brigham Upstream reported shared voting power and shared dispositive power over 6,164,493 shares of common stock. Brigham, Warburg Pincus, Pine Brook, Yorktown IX, Yorktown X, Yorktown XI and YT Brigham Associates LLC reported shared voting power and shared dispositive power over 6,532,915 shares of common stock. Warburg Pincus is the ultimate controlling entity of certain Warburg Pincus affiliated entities that are members of Brigham (the “WP Group”) and that, collectively, hold the right to appoint three of the nine representatives to the board of managers of Brigham. As a result, the WP Group (and Warburg Pincus, as the ultimate controller of the WP Group) may be deemed to have the power to vote or direct the vote or to dispose or direct the disposition of the shares owned by Brigham and, because Brigham is the general partner of Brigham Upstream, may be deemed to have the power to vote or direct the vote or to dispose or direct the disposition of the shares owned by Brigham Upstream. Pine Brook is the ultimate controlling entity of certain Pine Brook affiliated entities that are members of Brigham (the “Pine Brook Group”) and that, collectively, hold the right to appoint two of the nine representatives to the board of managers of Brigham. As a result, the Pine Brook Group (and Pine Brook, as the ultimate controller of the Pine Brook Group) may be deemed to have the power to vote or direct the vote or to dispose or direct the disposition of the shares owned by Brigham and, because Brigham is the general partner of Brigham Upstream, may be deemed to have the power to vote or direct the vote or to dispose or direct the disposition of the shares owned by Brigham Upstream. Yorktown and certain of its affiliates (the “Yorktown Entities”), collectively, hold the right to appoint two of the nine representatives to the board of managers of Brigham. As a result, the Yorktown Entities may be deemed to have the power to vote or direct the vote or to dispose or direct the disposition of the shares owned by Brigham and, because Brigham is the general partner of Brigham Upstream, may be deemed to have the power to vote or direct the vote or to dispose or direct the disposition of the shares owned by Brigham Upstream.

## DESCRIPTION OF CAPITAL STOCK

The following description of our common stock, certificate of incorporation and our bylaws are summaries thereof and are qualified by reference to our certificate of incorporation and our bylaws, copies of which have been filed with the SEC.

Our authorized capital stock consists of 200,000,000 shares of common stock, par value \$0.01 per share, and 10,000,000 shares of preferred stock, par value \$0.01 per share. Our common stock is listed on the NASDAQ Global Select Market under the symbol “FANG.”

### Common Stock

Holders of shares of common stock are entitled to one vote per share on all matters submitted to a vote of stockholders. Shares of common stock do not have cumulative voting rights, which means that the holders of more than 50% of the shares voting for the election of the board of directors can elect all the directors to be elected at that time, and, in such event, the holders of the remaining shares will be unable to elect any directors to be elected at that time. Our certificate of incorporation denies stockholders any preemptive rights to acquire or subscribe for any stock, obligation, warrant or other securities of ours. Holders of shares of our common stock have no redemption or conversion rights nor are they entitled to the benefits of any sinking fund provisions.

In the event of our liquidation, dissolution or winding up, holders of shares of common stock shall be entitled to receive, pro rata, all the remaining assets of our company available for distribution to our stockholders after payment of our debts and after there shall have been paid to or set aside for the holders of capital stock ranking senior to common stock in respect of rights upon liquidation, dissolution or winding up the full preferential amounts to which they are respectively entitled.

Holders of record of shares of common stock are entitled to receive dividends when and if declared by the board of directors out of any assets legally available for such dividends, subject to both the rights of all outstanding shares of capital stock ranking senior to the common stock in respect of dividends and to any dividend restrictions contained in debt agreements. All outstanding shares of common stock and any shares sold and issued in this offering will be fully paid and nonassessable by us. As of April 28, 2017, there were 98,128,043 shares of our common stock outstanding.

## Preferred Stock

Our board of directors is authorized to issue up to 10,000,000 shares of preferred stock in one or more series. The board of directors may fix for each series:

- the distinctive serial designation and number of shares of the series;
- the voting powers and the right, if any, to elect a director or directors;
- the terms of office of any directors the holders of preferred shares are entitled to elect;
- the dividend rights, if any;
- the terms of redemption, and the amount of and provisions regarding any sinking fund for the purchase or redemption thereof;
- the liquidation preferences and the amounts payable on dissolution or liquidation;
- the terms and conditions under which shares of the series may or shall be converted into any other series or class of stock or debt of the corporation; and
- any other terms or provisions which the board of directors is legally authorized to fix or alter.

We do not need stockholder approval to issue or fix the terms of the preferred stock. The actual effect of the authorization of the preferred stock upon your rights as holders of common stock is unknown until our board of directors determines the specific rights of owners of any series of preferred stock. Depending upon the rights granted to any series of preferred stock, your voting power, liquidation preference or other rights could be adversely affected. Preferred stock may be issued in acquisitions or for other corporate purposes. Issuance in connection with a stockholder rights plan or other takeover defense could have the effect of making it more difficult for a third party to acquire, or of discouraging a third party from acquiring, control of our company. We currently have no outstanding preferred stock and have no present plans to issue any shares of preferred stock.

## Related Party Transactions and Corporate Opportunities

Subject to the limitations of applicable law, our certificate of incorporation, among other things:

- permits us to enter into transactions with entities in which one or more of our officers or directors are financially or otherwise interested so long as it has been approved by our board of directors;
- permits certain of our stockholders, officers and directors, including our non-employee directors, to conduct business that competes with us and to make investments in any kind of property in which we may make investments; and
- provides that if certain of our officers or directors, including our non-employee directors, becomes aware of a potential business opportunity, transaction or other matter (other than one expressly offered to that director or officer solely in his or her capacity as our director or officer), that director or officer will have no duty to communicate or offer that opportunity to us, and will be permitted to communicate or offer that opportunity to any other entity or individual and that director or officer will not be deemed to have (i) acted in a manner inconsistent with his or her fiduciary duty to us or our stockholders regarding the opportunity or (ii) acted in bad faith or in a manner inconsistent with our best interests.

## Anti-takeover Effects of Provisions of Our Certificate of Incorporation and Our Bylaws

Some provisions of our certificate of incorporation and our bylaws contain provisions that could make it more difficult to acquire us by means of a merger, tender offer, proxy contest or otherwise, or to remove our incumbent officers and directors. These provisions, summarized below, are expected to discourage coercive takeover practices and inadequate takeover bids. These provisions are also designed to encourage persons seeking to acquire control of us to first negotiate with our board of directors. We believe that the benefits of increased protection of our potential ability to negotiate with the proponent of an unfriendly or unsolicited proposal to acquire or restructure us outweigh the disadvantages of discouraging such proposals because negotiation of such proposals could result in an improvement of their terms.

**Undesignated preferred stock.** The ability to authorize and issue undesignated preferred stock may enable our board of directors to render more difficult or discourage an attempt to change control of us by means of a merger, tender offer, proxy contest or otherwise. For example, if in the due exercise of its fiduciary obligations, the board of directors were to determine that a takeover proposal is not in our best interest, the board of directors could cause shares of preferred stock to be issued without stockholder approval in one or more private offerings or other transactions that might dilute the voting or other rights of the proposed acquirer or insurgent stockholder or stockholder group.

**Stockholder meetings.** Our certificate of incorporation and bylaws provide that a special meeting of stockholders may be called only by the Chairman of the Board, the Chief Executive Officer or by a resolution adopted by a majority of our board of directors, assuming there are no vacancies.

**Requirements for advance notification of stockholder nominations and proposals.** Our bylaws establish advance notice procedures with respect to stockholder proposals and the nomination of candidates for election as directors, other than nominations made by or at the direction of the board of directors.

**Stockholder action by written consent.** Our certificate of incorporation provides that, except as may otherwise be provided with respect to the rights of the holders of preferred stock, no action that is required or permitted to be taken by our stockholders at any annual or special meeting may be effected by written consent of stockholders in lieu of a meeting of stockholders, unless the action to be effected by written consent of stockholders and the taking of such action by such written consent have expressly been approved in advance by our board. This provision, which may not be amended except by the affirmative vote of at least 66 2/3% of the voting power of all then outstanding shares of capital stock entitled to vote generally in the election of directors, voting together as a single class, makes it difficult for stockholders to initiate or effect an action by written consent that is opposed by our board.

**Amendment of the bylaws.** Under Delaware law, the power to adopt, amend or repeal bylaws is conferred upon the stockholders. A corporation may, however, in its certificate of incorporation also confer upon the board of directors the power to adopt, amend or repeal its bylaws. Our certificate of incorporation and bylaws grant our board the power to adopt, amend and repeal our bylaws at any regular or special meeting of the board on the affirmative vote of a majority of the directors, assuming there are no vacancies. Our stockholders may adopt, amend or repeal our bylaws but only at any regular or special meeting of stockholders by an affirmative vote of holders of at least 66 2/3% of the voting power of all then outstanding shares of capital stock entitled to vote generally in the election of directors, voting together as a single class.

**Removal of Director.** Our certificate of incorporation provide that members of our board of directors may only be removed by the affirmative vote of holders of at least 66 2/3% of the voting power of all then outstanding shares of capital stock entitled to vote generally in the election of directors, voting together as a single class.

**Amendment of the Certificate of Incorporation.** Our certificate of incorporation provides that, in addition to any other vote that may be required by law or any preferred stock designation, the affirmative vote of the holders of at least 66 2/3% of the voting power of all then outstanding shares of capital stock entitled to vote generally in the election of directors, voting together as a single class, is required to amend, alter or repeal, or adopt any provision as part of our certificate of incorporation inconsistent with the provisions of our certificate of incorporation dealing with distributions on our common stock, related party transactions, our board of directors, our bylaws, meetings of our stockholders or amendment of our certificate of incorporation.

Additionally, an increase in the number of authorized shares of our common stock, could be used to make it more difficult to, or discourage an attempt to, obtain control of our company by means of a takeover bid that our board of directors determines is not in our best interests or the best interests of our stockholders. However, our board of directors does not intend or view the proposed increase in authorized common stock as an anti-takeover measure and did not propose the increase in response to any attempt or plan to obtain control of the company.

The provisions of our certificate of incorporation and bylaws could have the effect of discouraging others from attempting hostile takeovers and, as a consequence, they may also inhibit temporary fluctuations in the market price of our common stock that often result from actual or rumored hostile takeover attempts. These provisions may also have the effect of preventing changes in our management. It is possible that these provisions could make it more difficult to accomplish transactions which stockholders may otherwise deem to be in their best interests.

## **Choice of Forum**

Our certificate of incorporation provides that unless we consent in writing to the selection of an alternative forum, the Court of Chancery of the State of Delaware will be the sole and exclusive forum for: (i) any derivative action or proceeding brought on our behalf; (ii) any action asserting a claim of breach of a fiduciary duty owed by any of our directors, officers or other employees to us or our stockholders; (iii) any action asserting a claim against us arising pursuant to any provision of the Delaware General Corporation Law, or the DGCL, or our certificate of incorporation or bylaws; or (iv) any action asserting a claim against us pertaining to internal affairs of our corporation. Our certificate of incorporation also provides that any person or entity purchasing or otherwise acquiring any interest in shares of our capital stock will be deemed to have notice of and to have consented to this choice of forum provision. It is possible that a court of law could rule that the choice of forum provision contained in our certificate of incorporation is inapplicable or unenforceable if it is challenged in a proceeding or otherwise.

## **Transfer Agent and Registrar**

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

## **PLAN OF DISTRIBUTION**

### **Initial Offering and Sale of Common Stock**

We and the selling stockholders, which as used in this prospectus includes donees, pledges, transferees or other successors in interest selling common stock received after the date of this prospectus from a selling stockholder as a gift, pledge, distribution or other transfer, may, from time to time, sell, transfer or otherwise dispose of any or all of the common stock offered by this prospectus or any applicable prospectus supplement on any stock exchange, market or trading facility on which such common stock is traded or in private transactions. These dispositions may be at fixed prices, at prevailing market prices at the time of sale, at prices related to the prevailing market price, at varying prices determined at the time of sale or at negotiated prices.

We and the selling stockholders may use any one or more of the following methods when disposing of the offered common stock:

- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the common stock as agent, but may position and resell a portion of the block as principal to facilitate the transaction;
- purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- sales deemed to be an “at the market” offering as defined in Rule 415 promulgated under the Securities Act, which includes sales made directly on or through the NASDAQ Global Select Market or sales made to or through a market maker other than on an exchange;
- short sales effected after the date of this prospectus;
- through the writing or settlement of options or other hedging transactions, whether through an options exchange or otherwise;
- broker-dealers may agree to sell a specified number of such common stock at a stipulated price per share;
- a combination of any such methods of sale; and
- any other method permitted pursuant to applicable law.

The selling stockholders also may resell all or a portion of the common stock in open market transactions in reliance upon Rule 144 under the Securities Act.

If underwriters are used to sell the common stock, we and the selling stockholder, if any, will enter into an underwriting agreement or similar agreement with them at the time of the sale to them. In that event, underwriters may receive compensation from us and the selling stockholder, if any, in the form of underwriting discounts or commissions and may also receive commissions from purchasers of the common stock for whom they may act as agent.

To the extent required by applicable law, a prospectus supplement relating to the common stock will set forth:

- the offering terms, including the name or names of any underwriters, dealers or agents;
- the number or amount of the common stock involved, the purchase price of such common stock and the proceeds to us and the selling stockholder, if any, from such sale;
- any underwriting discounts, concessions, commissions and other items constituting compensation to underwriters, dealers or agents;
- any initial public offering price;
- any discounts or concessions allowed or reallocated or paid by underwriters or dealers to other dealers; and
- any securities exchanges on which the common stock may be listed.

The common stock may be offered to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more of such firms. Unless otherwise set forth in an applicable prospectus supplement, the obligations of underwriters or dealers to purchase the common stock will be subject to certain conditions precedent and the underwriters or dealers will be obligated to purchase all the securities if any are purchased. Any public offering price and any discounts or concessions allowed or reallocated or paid by underwriters or dealers to other dealers may be changed from time to time.

The selling stockholders and any underwriters, dealers or agents that are involved in selling the common stock may be deemed to be “underwriters” within the meaning of the Securities Act in connection with such sales. In such event, any commissions received by them and any profit on the resale of the common stock purchased by them may be deemed to be underwriting commissions or discounts under the Securities Act.

In order to comply with the securities laws of some states, the shares sold in those jurisdictions may only be sold through registered or licensed brokers or dealers. In addition, in some states, the shares may not be sold unless the shares have been registered or qualified for sale in that state or an exemption from registration or qualification is available and is complied with.

The common stock may be sold directly by us, a selling stockholder or through agents designated by us from time to time. Any agent involved in the offer or sale of the common stock in respect of which this prospectus and a prospectus supplement is delivered will be named, and any commissions payable by us or the selling stockholder to such agent will be set forth, in any required prospectus supplement. Unless otherwise indicated in the prospectus supplement, any such agent will be acting on a best efforts basis for the period of its appointment.

If so indicated in the prospectus supplement, we or a selling stockholder will authorize underwriters, dealers or agents to solicit offers from certain specified institutions to purchase common stock from us or the selling stockholder at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. Such contracts will be subject to any conditions set forth in the prospectus supplement and the prospectus supplement will set forth the commissions payable for solicitation of such contracts. The underwriters and other persons soliciting such contracts will have no responsibility for the validity or performance of any such contracts.

Underwriters, dealers and agents may be entitled under agreements entered into with us or a selling stockholder to be indemnified by us against certain civil liabilities, including liabilities under the Securities Act, or to contribution by us to payments which they may be required to make. The terms and conditions of such indemnification will be described in an applicable prospectus supplement. Underwriters, dealers and agents may be customers of, engage in transactions with or perform services for us or the selling stockholder in the ordinary course of business.

Any underwriters to whom common stock is sold by us or a selling stockholder for public offering and sale may make a market in such common stock, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice. No assurance can be given as to the liquidity of the trading market for any common stock.

Certain persons participating in any offering of common stock may engage in transactions that stabilize, maintain or otherwise affect the price of the common stock offered. In connection with any such offering, the underwriters, dealers or agents, as the case may be, may purchase and sell common stock 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. Stabilizing transactions consist of certain bids or purchases for the purpose of preventing or retarding a decline in the market price of the common stock and syndicate short positions involve the sale by the underwriters, dealers or agents, as the case may be, of a greater number of common stock than they are required to purchase from us in the offering. The underwriters may also impose a penalty bid, whereby selling concessions allowed to syndicate members or other broker-dealers for the common stock sold for their account may be reclaimed by the syndicate if such common stock is repurchased by the syndicate in stabilizing or covering transactions. These activities may stabilize, maintain or otherwise affect the market price of the common stock, which may be higher than the price that might otherwise prevail in the open market, and if commenced, may be discontinued at any time. These transactions may be effected on The NASDAQ Global Select Market, in the over-the-counter market or otherwise. These activities will be described in more detail in the sections entitled “Plan of Distribution” or “Underwriting” in the applicable prospectus supplement.

#### **WHERE YOU CAN FIND MORE INFORMATION**

We have filed with the SEC a registration statement on Form S-3 under the Securities Act covering the common stock offered by this prospectus. This prospectus does not contain all of the information that you can find in that registration statement and its exhibits. Certain items are omitted from this prospectus in accordance with the rules and regulations of the SEC. For further information with respect to us and the common stock offered by this prospectus, reference is made to the registration statement and the exhibits filed with the registration statement. Statements contained in this prospectus as to the contents of any contract or other document referred to are not necessarily complete and in each instance such statement is qualified by reference to each such contract

or document filed with or incorporated by reference as part of the registration statement. We file reports, proxy and information statements and other information with the SEC. You may read any materials we have filed with the SEC free of charge at the SEC's Public Reference Room at 100 F Street, N.E., Room 1580, Washington, D.C. 20549. Copies of all or any part of these documents may be obtained from such office upon the payment of the fees prescribed by the SEC. The public may obtain information on the operation of the public reference room by calling the SEC at 1-800-SEC-0330. The SEC maintains an Internet site that contains reports, proxy and information statements and other information regarding registrants that file electronically with the SEC. The address of the site is <http://www.sec.gov>. The registration statement, including all exhibits thereto and amendments thereof, has been filed electronically with the SEC.

You can also find our SEC filings on our website at [www.diamondbackenergy.com](http://www.diamondbackenergy.com). The information contained on our website or any other website is not incorporated by reference into this prospectus and does not constitute a part of this prospectus.

### **INFORMATION INCORPORATED BY REFERENCE**

The SEC allows us to "incorporate by reference" into this prospectus the information we provide in other documents filed by us with the SEC. The information incorporated by reference is an important part of this prospectus and any prospectus supplement. Any statement contained in a document that is incorporated by reference in this prospectus is automatically updated and superseded if information contained in this prospectus and any prospectus supplement, or information that we later file with the SEC, modifies and replaces this information. We incorporate by reference the following documents that we have filed with the SEC (except as indicated below with respect to Item 2.02 or Item 7.01 of Form 8-K):

- our Annual Report on Form 10-K for the year ended December 31, 2016, filed with the SEC on February 15, 2017;
- the information specifically incorporated by reference into the Annual Report on Form 10-K for the fiscal year ended December 31, 2012 from our Definitive Proxy Statement on Schedule 14A, filed with the SEC on April 28, 2017;
- our Quarterly Report on Form 10-Q for the three months ended March 31, 2017 filed with the SEC on May 4, 2017;
- our Current Reports on Form 8-K, filed with the SEC on March 6, 2017 (as amended by the Current Report on Form 8-K/A filed with the SEC on May 3, 2017) and March 8, 2017; and
- The description of our common stock contained in our Form 8-A filed with the SEC on October 11, 2012, including any amendment to that form that we may file in the future for the purpose of updating the description of our common stock.

In addition, all documents filed by us with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Securities and Exchange Act of 1934, as amended, or the Exchange Act (other than those furnished pursuant to Item 2.02 or Item 7.01 of Form 8-K, unless otherwise stated therein) after the date of this prospectus will be considered to be incorporated by reference into this prospectus and to be a part of this prospectus from the dates of the filing of such documents. Pursuant to General Instruction B of Form 8-K, any information submitted under Item 2.02, Results of Operations and Financial Condition, or Item 7.01, Regulation FD Disclosure, of Form 8-K is not deemed to be "filed" for the purpose of Section 18 of the Exchange Act, and we are not subject to the liabilities of Section 18 of the Exchange Act with respect to information submitted under Item 2.02 or Item 7.01 of Form 8-K. We are not incorporating by reference any information submitted under Item 2.02 or Item 7.01 of Form 8-K into any filing under the Securities Act or the Exchange Act or into this prospectus, unless otherwise indicated on such Form 8-K.

We hereby undertake to provide without charge to each person, including any beneficial owner, to whom this prospectus is delivered, upon written or oral request of any such person, a copy of any or all of the information that has been incorporated by reference into this prospectus (excluding exhibits, unless the exhibits are specifically incorporated). You may request a copy of this prospectus or any of the incorporated documents at no charge to you by writing to Teresa L. Dick, Chief Financial Officer, Diamondback Energy, Inc., 9400 N. Broadway, Suite 700, Oklahoma City, Oklahoma 73114; telephone: (405) 463-6900.

Any statement contained in a document incorporated or deemed to be incorporated by reference in this prospectus will be deemed modified, superseded or replaced for purposes of this prospectus to the extent that a statement contained in this prospectus modifies, supersedes or replaces such statement.

### **LEGAL MATTERS**

Unless otherwise indicated in the applicable prospectus supplement, the validity of the common stock to be offered hereby offered by us and/or the selling stockholders will be passed upon by Akin Gump Strauss Hauer & Feld LLP. If legal matters in

connection with offerings made by this prospectus are passed on by counsel for the underwriters, dealers or agents, if any, that counsel will be named in the applicable prospectus supplement.

### **EXPERTS**

The audited consolidated financial statements and management's assessment of the effectiveness of internal control over financial reporting of Diamondback Energy, Inc. incorporated by reference in this prospectus and elsewhere in the registration statement have been so incorporated by reference in reliance upon the reports of Grant Thornton LLP, independent registered public accountants, upon the authority of said firm as experts in accounting and auditing.

Information incorporated by referenced in this prospectus regarding our estimated quantities of oil and gas reserves and the discounted present value of future net cash flows therefrom is based upon estimates of such reserves and present values prepared by Ryder Scott Company, L.P. as of December 31, 2016, 2015 and 2014, an independent petroleum engineering firm. This information is incorporated by reference in this prospectus in reliance upon the authority of such firm as experts in these matters.

The audited consolidated historical financial statements of Brigham Resources Operating, LLC included in exhibit 99.1 of Diamondback Energy, Inc.'s Current Report on Form 8-K/A dated May 3, 2017, have been so incorporated in reliance on the report of KPMG LLP, independent accountants, given on the authority of said firm as experts in auditing and accounting.

**PART II**  
**INFORMATION NOT REQUIRED IN PROSPECTUS**

**Item 14. Other Expenses of Issuance and Distribution.**

SEC registration fee	\$88,946.17(1)
FINRA filing fee	(2)
Legal fees and expenses	(2)
Accounting fees and expenses	(2)
Trustee fees and expenses	(2)
Printing expenses	(2)
Miscellaneous expenses	(2)
Total	(2)

- (1) In accordance with Rules 456(b) and 457(r) of the Securities Act, the registrant is deferring payment of all of the registration fee with respect to the common stock that may be offered by the registrant in a primary offering. The registration fee set forth herein relates solely to the shares of common stock that may be offered pursuant to this registration statement by the selling stockholders in a secondary offering.
- (2) The additional estimated amounts, if any, of fees and expenses to be incurred in connection with any offering of common stock pursuant to this registration statement will be determined from time to time and reflected in the applicable prospectus supplement.

**Item 15. Indemnification of Directors and Officers.**

***Limitation of Liability***

Section 102(b)(7) of the DGCL permits a corporation, in its certificate of incorporation, to limit or eliminate, subject to certain statutory limitations, the liability of directors to the corporation or its stockholders for monetary damages for breaches of fiduciary duty, except for liability:

- for any breach of the director's duty of loyalty to the company or its stockholders;
- for acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law;
- in respect of certain unlawful dividend payments or stock redemptions or repurchases; and
- for any transaction from which the director derives an improper personal benefit.

In accordance with Section 102(b)(7) of the DGCL, Section 9.1 of our certificate of incorporation provides that that no director shall be personally liable to us or any of our stockholders for monetary damages resulting from breaches of their fiduciary duty as directors, except to the extent such limitation on or exemption from liability is not permitted under the DGCL. The effect of this provision of our certificate of incorporation is to eliminate our rights and those of our stockholders (through stockholders' derivative suits on our behalf) to recover monetary damages against a director for breach of the fiduciary duty of care as a director, including breaches resulting from negligent or grossly negligent behavior, except, as restricted by Section 102(b)(7) of the DGCL. However, this provision does not limit or eliminate our rights or the rights of any stockholder to seek non-monetary relief, such as an injunction or rescission, in the event of a breach of a director's duty of care.

If the DGCL is amended to authorize corporate action further eliminating or limiting the liability of directors, then, in accordance with our certificate of incorporation, the liability of our directors to us or our stockholders will be eliminated or limited to the fullest extent authorized by the DGCL, as so amended. Any repeal or amendment of provisions of our certificate of incorporation limiting or eliminating the liability of directors, whether by our stockholders or by changes in law, or the adoption of any other provisions inconsistent therewith, will (unless otherwise required by law) be prospective only, except to the extent such amendment or change in law permits us to further limit or eliminate the liability of directors on a retroactive basis.

***Indemnification***

Section 145 of the DGCL permits a corporation, under specified circumstances, to indemnify its directors, officers, employees or agents against expenses (including attorneys' fees), judgments, fines and amounts paid in settlements actually and reasonably incurred by them in connection with any action, suit or proceeding brought by third parties by reason of the fact that they were or are directors, officers, employees or agents of the corporation, if such directors, officers, employees or agents acted in good faith and in a manner they reasonably believed to be in or not opposed to the best interests of the corporation and, with respect to any



criminal action or proceeding, had no reasonable cause to believe their conduct was unlawful. In a derivative action, i.e., one by or in the right of the corporation, indemnification may be made only for expenses actually and reasonably incurred by directors, officers, employees or agents in connection with the defense or settlement of an action or suit, and only with respect to a matter as to which they shall have acted in good faith and in a manner they reasonably believed to be in or not opposed to the best interests of the corporation, except that no indemnification shall be made if such person shall have been adjudged liable to the corporation, unless and only to the extent that the court in which the action or suit was brought shall determine upon application that the defendant directors, officers, employees or agents are fairly and reasonably entitled to indemnity for such expenses despite such adjudication of liability.

Our certificate of incorporation provides that we will, to the fullest extent authorized or permitted by applicable law, indemnify our current and former directors and officers, as well as those persons who, while directors or officers of our corporation, are or were serving as directors, officers, employees or agents of another entity, trust or other enterprise, including service with respect to an employee benefit plan, in connection with any threatened, pending or completed proceeding, whether civil, criminal, administrative or investigative, against all expense, liability and loss (including, without limitation, attorney's fees, judgments, fines, ERISA excise taxes and penalties and amounts paid in settlement) reasonably incurred or suffered by any such person in connection with any such proceeding. Notwithstanding the foregoing, a person eligible for indemnification pursuant to our certificate of incorporation will be indemnified by us in connection with a proceeding initiated by such person only if such proceeding was authorized by our board of directors, except for proceedings to enforce rights to indemnification and advancement of expenses.

The right to indemnification conferred by our certificate of incorporation is a contract right that includes the right to be paid by us the expenses incurred in defending or otherwise participating in any proceeding referenced above in advance of its final disposition, provided, however, that if the DGCL requires, an advancement of expenses incurred by our officer or director will be made only upon delivery to us of an undertaking, by or on behalf of such officer or director, to repay all amounts so advanced if it is ultimately determined by final judicial decision that such person is not entitled to be indemnified for such expenses under our certificate of incorporation or otherwise.

The rights to indemnification and advancement of expenses will not be deemed exclusive of any other rights which any person covered by our certificate of incorporation may have or hereafter acquire under law, our certificate of incorporation, our bylaws, an agreement, vote of stockholders or disinterested directors, or otherwise.

Any repeal or amendment of provisions of our certificate of incorporation affecting indemnification rights, whether by our stockholders or by changes in law, or the adoption of any other provisions inconsistent therewith, will (unless otherwise required by law) be prospective only, except to the extent such amendment or change in law permits us to provide broader indemnification rights on a retroactive basis, and will not in any way diminish or adversely affect any right or protection existing at the time of such repeal or amendment or adoption of such inconsistent provision with respect to any act or omission occurring prior to such repeal or amendment or adoption of such inconsistent provision. Our certificate of incorporation also permits us, to the extent and in the manner authorized or permitted by law, to indemnify and to advance expenses to persons other than those specifically covered by our certificate of incorporation.

Our bylaws include the provisions relating to advancement of expenses and indemnification rights consistent with those set forth in our certificate of incorporation. In addition, our bylaws provide for a right of indemnitee to bring a suit in the event a claim for indemnification or advancement of expenses is not paid in full by us within a specified period of time. Our bylaws also permit us to purchase and maintain insurance, at our expense, to protect us and/or any director, officer, employee or agent of our corporation or another entity, trust or other enterprise against any expense, liability or loss, whether or not we would have the power to indemnify such person against such expense, liability or loss under the DGCL.

Any repeal or amendment of provisions of our bylaws affecting indemnification rights, whether by our board of directors, stockholders or by changes in applicable law, or the adoption of any other provisions inconsistent therewith, will (unless otherwise required by law) be prospective only, except to the extent such amendment or change in law permits us to provide broader indemnification rights on a retroactive basis, and will not in any way diminish or adversely affect any right or protection existing thereunder with respect to any act or omission occurring prior to such repeal or amendment or adoption of such inconsistent provision.

We have entered into indemnification agreements with each of our current directors and executive officers. These agreements require us to indemnify these individuals to the fullest extent permitted under Delaware law against liabilities that may arise by reason of their service to us, and to advance expenses incurred as a result of any proceeding against them as to which they could be indemnified. We also intend to enter into indemnification agreements with future directors and executive officers.

We may enter into an Underwriting Agreement in connection with a specific offering under which the underwriters will be obligated, under certain circumstances, to indemnify our directors and officers against certain liabilities, including liabilities under the Securities Act. Reference is made to the form of Underwriting Agreement to be filed as an Exhibit 1.1 or 1.2 to our Current Report on Form 8-K in connection with a specific offering.

## Item 16. Exhibits.

The Exhibit Index filed herewith and appearing immediately before the exhibits hereto is incorporated by reference in this Item 16, and the exhibits listed therein are filed as a part of this registration statement.

## Item 17. Undertakings.

(a) The undersigned registrant hereby undertakes:

- (1) to file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
  - (i) to include any prospectus required by Section 10(a)(3) of the Securities Act;
  - (ii) to reflect in the prospectus any facts or events arising after the effective date of this registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) under the Securities Act if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;
  - (iii) to include any material information with respect to the plan of distribution not previously disclosed in this registration statement or any material change to such information in this registration statement;

*provided, however,* that subparagraphs (i), (ii) and (iii) do not apply if the information required to be included in a post-effective amendment by those subparagraphs is contained in periodic reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) of the Securities Act that is part of this registration statement.

- (2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered herein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (4) That, for the purpose of determining liability under the Securities Act to any purchaser:
  - (i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and
  - (ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date; or
- (5) That, for the purpose of determining liability of the registrant under the Securities Act to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following

communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

- (i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;
  - (ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;
  - (iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and
  - (iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.
- (b) The undersigned registrant hereby undertakes that, for the purpose of determining any liability under the Securities Act, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act that is incorporated by reference in this registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- (c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant, pursuant to the foregoing provisions or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

**SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Midland, Texas on the 30th day of May 2017.

DIAMONDBACK ENERGY, INC.

By: /s/ Travis D. Stice  
Travis D. Stice  
Chief Executive Officer

**POWER OF ATTORNEY**

Each person whose signature appears below hereby constitutes and appoints Travis D. Stice, Teresa L. Dick and Randall J. Holder, and each of them, his true and lawful agent, proxy and attorney-in-fact, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to (i) act on, sign and file with the Securities and Exchange Commission any and all amendments (including post-effective amendments) to this registration statement together with all schedules and exhibits thereto and any subsequent registration statement filed pursuant to Rule 462(b) under the Securities Act of 1933, as amended, together with all schedules and exhibits thereto, (ii) act on, sign and file such certificates, instruments, agreements and other documents as may be necessary or appropriate in connection therewith, (iii) act on and file any supplement to any prospectus included in this registration statement or any such amendment or any subsequent registration statement filed pursuant to Rule 462(b) under the Securities Act of 1933, as amended and (iv) take any and all actions which may be necessary or appropriate to be done, as fully for all intents and purposes as he might or could do in person, hereby approving, ratifying and confirming all that such agent, proxy and attorney-in-fact or any of his substitutes may lawfully do or cause to be done by virtue thereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this registration statement has been signed by the following persons in the capacities indicated on May 30, 2017.

<u>NAME</u>	<u>TITLE</u>
<u>/s/ Travis D. Stice</u> Travis D. Stice	Chief Executive Officer (principal executive officer), Director
<u>/s/ Teresa L. Dick</u> Teresa L. Dick	Chief Financial Officer, Senior Vice President and Assistant Secretary (principal financial and accounting officer)
<u>/s/ Steven E. West</u> Steven E. West	Director
<u>/s/ Michael P. Cross</u> Michael P. Cross	Director
<u>/s/ David L. Houston</u> David L. Houston	Director
<u>/s/ Mark L. Plaumann</u> Mark L. Plaumann	Director

**Diamondback Energy, Inc.**  
**Exhibit Index**

Exhibit Number	Description
1.1*	Form of Common Stock Underwriting Agreement
3.1	Amended and Restated Certificate of Incorporation (incorporated by reference to Exhibit 3.1 to the Form 10-Q, File No. 001-35700, filed by the Company with the SEC on November 16, 2012).
3.2	Amended and Restated Bylaws (incorporated by reference to Exhibit 3.2 to the Form 10-Q, File No. 000-35700, filed by the Company with the SEC on November 16, 2012).
4.1	Specimen Certificate for shares of common stock, par value \$0.01 per share, of the Company (incorporated by reference to Exhibit 4.1 to Amendment No. 4 to the Registration Statement on Form S-1, File No. 333-179502, filed by the Company with the SEC on August 20, 2012).
4.2	Registration Rights Agreement, dated as of October 11, 2012, by and between the Company and DB Energy Holdings LLC (incorporated by reference to Exhibit 4.2 to the Form 10-Q, File No. 001-35700, filed by the Company with the SEC on November 16, 2012).
4.3	Indenture, dated as of October 28, 2016, among Diamondback Energy, Inc., the guarantors party thereto and Wells Fargo Bank, National Association, as trustee (including the form of Diamondback Energy, Inc.'s 4.750% Senior Notes due 2024) (incorporated by reference to Exhibit 4.1 to the Form 8-K, File No. 001-35700, filed by the Company with the SEC on November 2, 2016).
4.4	Registration Rights Agreement, dated as of October 28, 2016, among Diamondback Energy, Inc., the guarantors party thereto and J.P. Morgan Securities LLC (incorporated by reference to Exhibit 4.2 to the Form 8-K, File No. 001-35700, filed by the Company with the SEC on November 2, 2016).
4.5	Indenture, dated as of December 20, 2016, among Diamondback Energy, Inc., the guarantors party thereto and Wells Fargo Bank, National Association, as trustee (including the form of Diamondback Energy, Inc.'s 5.375% Senior Notes due 2025) (incorporated by reference to Exhibit 4.1 to the Form 8-K, File No. 001-35700, filed by the Company with the SEC on December 21, 2016).
4.6	Registration Rights Agreement, dated as of December 20, 2016, among Diamondback Energy, Inc., the guarantors party thereto and Credit Suisse Securities (USA) LLC (incorporated by reference to Exhibit 4.2 to the Form 8-K, File No. 001-35700, filed by the Company with the SEC on December 21, 2016).
4.7	Registration Rights Agreement, dated as of February 28, 2017, by and between Diamondback Energy, Inc., Brigham Resources, LLC, Brigham Resources Operating, LLC and Brigham Resources Upstream Holdings, LP (incorporated by reference to Exhibit 4.1 to the Form 8-K, File No. 001-35700, filed by the Company with the SEC on March 6, 2017).
5.1+	Opinion of Akin Gump Strauss Hauer & Feld LLP as to the legality of the securities being registered.
23.1+	Consent of Akin Gump Strauss Hauer & Feld LLP (included on Exhibit 5.1).
23.2+	Consent of Grant Thornton LLP.
23.3+	Consent of Ryder Scott Company, L.P. with respect to Diamondback Energy, Inc. reserve report.
23.4+	Consent of Ryder Scott Company, L.P. with respect to Viper Energy Partners LP reserve report.
23.5+	Consent of KPMG LLP with respect to financial statements of Brigham Resources Operating, LLC.
24+	Power of Attorney (included on the signature page of this Registration Statement).

\* To be filed as an exhibit to a Current Report on Form 8-K of the registrant in connection with a specific offering.

+ Filed herewith.

# Akin Gump

STRAUSS HAUER & FELD LLP

May 30, 2017

Diamondback Energy, Inc.  
500 West Texas, Suite 1200  
Midland, Texas 79701

Re: Diamondback Energy, Inc. Registration Statement on Form S-3/ASR

Ladies and Gentlemen:

We have acted as counsel to Diamondback Energy, Inc., a Delaware corporation (the "**Company**"), in connection with the registration, pursuant to a registration statement on Form S-3/ASR (the "**Registration Statement**"), filed with the Securities and Exchange Commission under the Securities Act of 1933, as amended (the "**Act**"), relating to the offer and sale from time to time, as set forth in the Registration Statement, the form of prospectus contained therein (the "**Prospectus**") and one or more supplements to the Prospectus (each, a "**Prospectus Supplement**"), (i) by the Company of an indeterminate aggregate amount of securities consisting of shares (the "**Primary Shares**") of the Company's common stock, par value \$0.01 per share (the "**Common Stock**"), and (ii) by the selling stockholders named in the Registration Statement or any other selling stockholders to be identified in one or more Prospectus Supplements of up to 7,685,918 shares of Common Stock (the "**Secondary Shares**" and, together with the Primary Shares, the "**Shares**") on the terms to be determined at the time of each offering. This opinion is being furnished at the request of the Company and in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Act.

We have examined originals or certified copies of such corporate records of the Company and other certificates and documents of officials of the Company and public officials and others as we have deemed appropriate for purposes of this letter. We have assumed the genuineness of all signatures, the legal capacity of all natural persons, the authenticity of all documents submitted to us as originals, and the conformity to authentic original documents of all copies submitted to us as conformed, certified or reproduced copies. We have also assumed the existence and entity power of each party to any document referred to herein other than the Company and that, upon sale and delivery, the certificates for the Primary Shares will conform to the specimen thereof incorporated by reference as an exhibit to the Registration Statement and will have been duly countersigned by the transfer agent and duly registered by the registrar for the Common Stock or, if uncertificated, valid book-entry notations for the issuance of the Primary Shares in uncertificated form will have been duly made in the share register of the Company. As to various questions of fact relevant to this letter, we have relied, without independent investigation, upon certificates of public officials and certificates of officers of the Company, all of which we assume to be true, correct and complete.

Based upon the foregoing, and subject to the assumptions, exceptions, qualifications and limitations set forth hereinafter, we are of the opinion that:

1. With respect to Shares constituting Primary Shares, when (i) the Company has taken all necessary action to authorize and approve the issuance of such Primary Shares, the terms of the offering thereof and related matters, (ii) the applicable definitive underwriting, purchase or other agreement providing for the issuance and sale thereof by the Company has been duly executed and delivered and (iii) such Primary Shares have been duly issued and delivered by the Company in accordance with the terms of such agreement against payment (or delivery) of the consideration payable therefor as determined by the Board of Directors of the Company or any duly authorized committee thereof (the “**Board**”) and as provided for in such agreement, such Primary Shares will have been duly authorized, validly issued, fully paid and non-assessable.

2. The Secondary Shares have been duly authorized and validly issued and are fully paid and non-assessable.

The opinions and other matters in this letter are qualified in their entirety and subject to the following:

(A) We have assumed that, in the case of each offer and sale of Primary Shares: (i) at the time of the issuance of such Shares, the Company (a) will validly exist and be duly qualified and in good standing under the laws of its jurisdiction of incorporation, and (b) will have the necessary corporate power and due authorization, and the certificate of incorporation and bylaws of the Company will be in full force and effect and will not have been amended, restated, supplemented or otherwise altered, and there will have been no authorization of any such amendment, restatement, supplement or other alteration, since the date hereof; (ii) the issuance and sale of such Shares will have been established in conformity with and so as not to violate, or result in a default under or breach of, the certificate of incorporation and bylaws of the Company, and so as not to violate, or result in a default under or breach of any applicable law, regulation or administrative order or any agreement or instrument binding upon the Company and so as to comply with any requirement or restriction imposed by any court or governmental or regulatory body (including any securities exchange on which the Company’s securities are listed for trading) having jurisdiction over the Company; (iii) sufficient shares of Common Stock will be authorized for the issuance of such Shares under the certificate of incorporation of the Company that have not otherwise been issued or reserved or otherwise committed for issuance; and (iv) the consideration for the issuance and sale of such Shares established by the Board and provided for in the applicable definitive purchase, underwriting or similar agreement will not be less than the par value of the Common Stock.

(B) We express no opinion as to the laws of any jurisdiction other than the Delaware General Corporation Law.

(C) This letter is limited to the matters expressly stated herein and no opinion is to be inferred or implied beyond the opinion expressly set forth herein. We undertake no, and hereby disclaim any, obligation to make any inquiry after the date hereof or to advise you of any changes in any matter set forth herein, whether based on a change in the law, a change in any fact relating to the Company or any other person or entity or any other circumstance.

[The remainder of this page is intentionally left blank.]

We hereby consent to the filing of this letter as an exhibit to the Registration Statement and to the use of our name in the Prospectus forming a part of the Registration Statement under the caption "Legal Matters." In giving this consent, we do not thereby admit that we are within the category of persons whose consent is required under Section 7 of the Act and the rules and regulations thereunder.

Very truly yours,

/s/ AKIN GUMP STRAUSS HAUER & FELD LLP

AKIN GUMP STRAUSS HAUER & FELD LLP



**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We have issued our reports dated February 15, 2017 with respect to the consolidated financial statements and internal control over financial reporting of Diamondback Energy, Inc. included in the Annual Report on Form 10-K for the year ended December 31, 2016, which are incorporated by reference in this Registration Statement. We consent to the incorporation by reference of the aforementioned reports in this Registration Statement, and to the use of our name as it appears under the caption "Experts."

**/s/ GRANT THORNTON LLP**

Oklahoma City, Oklahoma  
May 30, 2017

CONSENT OF RYDER SCOTT COMPANY, L.P.

We have issued our report dated January 16, 2017 on estimates of proved reserves, future production and income attributable to certain leasehold interest of Diamondback Energy, Inc. ("Diamondback") as of December 31, 2016 included in Diamondback's Annual Report on Form 10-K for the year ended December 31, 2016 (the "Report"). As independent oil and gas consultants, we hereby consent to (i) the incorporation by reference of the Report in this Registration Statement on Form S-3ASR of Diamondback (this "Registration Statement"), (ii) the use in this Registration Statement of the information contained in the Report and in our prior reserve reports referenced in this Registration Statement and in Diamondback's Annual Report on Form 10-K for the year ended December 31, 2016, which is incorporated by reference in this Registration Statement and (iii) all references to our firm in this Registration Statement. We further consent to the reference to our firm under the heading "Experts" in this Registration Statement.

/s/ Ryder Scott Company, L.P.

---

**RYDER SCOTT COMPANY, L.P.**

TBPE Firm Registration No. F-1580

Houston, Texas

May 30, 2017

## CONSENT OF RYDER SCOTT COMPANY, L.P.

We have issued our report dated January 16, 2017 on estimates of proved reserves, future production and income attributable to certain royalty interests of Viper Energy Partners LP, a subsidiary of Diamondback Energy, Inc. ("Diamondback") as of December 31, 2016 included in Diamondback's Annual Report on Form 10-K for the year ended December 31, 2016 (the "Report"). As independent oil and gas consultants, we hereby consent to (i) the incorporation by reference of the Report in this Registration Statement on Form S-3ASR of Diamondback (this "Registration Statement"), (ii) the use in this Registration Statement of the information contained in the Report and in our prior reserve reports referenced in this Registration Statement and in Diamondback's Annual Report on Form 10-K for the year ended December 31, 2016, which is incorporated by reference in this Registration Statement and (iii) all references to our firm in this Registration Statement. We further consent to the reference to our firm under the heading "Experts" in this Registration Statement.

/s/ Ryder Scott Company, L.P.

**RYDER SCOTT COMPANY, L.P.**

TBPE Firm Registration No. F-1580

Houston, Texas

May 30, 2017

**Consent of Independent Auditors**

The Board of Directors  
Brigham Resources Operating, LLC:

We consent to the use of our report dated March 31, 2017, with respect to the consolidated and combined balance sheets of Brigham Resources Operating, LLC as of December 31, 2016, 2015, and 2014, and the related consolidated and combined statements of operations, members' equity, and cash flows for each of the years then ended, incorporated by reference and to the reference to our firm under the caption "Experts" in this registration statement on Form S-3 of Diamondback Energy, Inc.

/s/ KPMG LLP

Dallas, Texas  
May 30, 2017