Parsley Energy, Inc. Form S-3ASR May 03, 2017 Table of Contents

As filed with the Securities and Exchange Commission on May 3, 2017

Registration No. 333-

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-3

REGISTRATION STATEMENT

Under

THE SECURITIES ACT OF 1933

PARSLEY ENERGY, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization) 46-4314192 (I.R.S. Employer Identification Number)

303 Colorado Street, Suite 3000

Austin, Texas 78701

(737) 704-2300

(Addresses, including zip code, and telephone number, including area code, of registrants principal executive offices)

Colin W. Roberts

Executive Vice President General Counsel

303 Colorado Street, Suite 3000

Austin, Texas 78701

(737) 704-2222

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies to:

Douglas E. McWilliams

Julian J. Seiguer

Vinson & Elkins L.L.P.

1001 Fannin, Suite 2500

Houston, Texas 77002

(713) 758-2790

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:

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.

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, 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.

Large accelerated filer

Non-accelerated filer

On not check if a smaller reporting company)

Accelerated filer

Smaller reporting company

Emerging growth company

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		Proposed Maximum	Proposed Maximum	
	Amount to be	Offering Price Per	Aggregate Offering	Amount of
Securities to be Registered	Registered	Share	Price	Registration Fees
Secondary Offering:				
Class A common stock, par value				
\$0.01 per share	39,848,518(1)	\$29.68(2)	\$1,182,704,014.24(2)	\$137,075.40

(1)

Includes 39,848,518 shares of Class A common stock issuable upon exchange of PE Units, together with an equal number of shares of our Class B common stock. Pursuant to Rule 416(a) under the Securities Act, the number of shares of Class A common stock being registered on behalf of the selling stockholders shall be adjusted to include any additional shares of Class A common stock that may become issuable as a result of any distribution, split, combination or similar transaction.

(2) Pursuant to Rule 457(c) and Rule 457(r) of the Securities Act, the registration fee is calculated on the basis of the average of the high and low sale prices of our Class A common stock on May 1, 2017, as reported on the New York Stock Exchange.

PROSPECTUS

Parsley Energy, Inc.

39,848,518 Shares of Class A common stock

The securities to be offered and sold using this prospectus are 39,848,518 shares of our Class A common stock, par value \$0.01 per share (Class A common stock), that may be issued from time to time to certain members of Parsley Energy, LLC, a Delaware limited liability company (Parsley LLC), that own units in Parsley LLC (PE Units), upon the exchange of such members PE Units, together with an equal number of shares of our Class B common stock, par value \$0.01 per share (Class B common stock), for shares of our Class A common stock pursuant to the Second Amended and Restated Limited Liability Company Agreement of Parsley LLC, dated April 20, 2017 (the Parsley LLC Agreement). These shares of Class A common stock may be offered and sold by the selling stockholders named in this prospectus or in any supplement to this prospectus from time to time in accordance with the provisions set forth under Plan of Distribution.

The selling stockholders may sell the shares of Class A common stock offered by this prospectus from time to time on any exchange on which the shares of Class A common stock are listed on terms to be negotiated with buyers. They may also sell the shares of Class A common stock in private sales or through dealers or agents. The selling stockholders may sell the shares of Class A common stock at prevailing market prices or at prices negotiated with buyers. The selling stockholders will be responsible for any commissions due to brokers, dealers or agents. We will be responsible for all other offering expenses. We will not receive any of the proceeds from the sale by the selling stockholders of the shares of Class A common stock offered by this prospectus.

We are registering these 39,848,518 shares of our Class A common stock for sale by the selling stockholders named below pursuant to a registration rights and lock-up agreement, dated April 20, 2017, by and among us and the selling stockholders (the Double Eagle RRA), which we entered into in connection with the closing of the acquisition (the Double Eagle Acquisition) of all of the interests in Double Eagle Lone Star LLC, DE Operating LLC, and Veritas Energy Partners, LLC from Double Eagle Energy Permian Operating LLC (DE Operating), Double Eagle Energy Permian LLC (DE Permian) and Double Eagle Energy Permian Member LLC (together with DE Operating and DE Permian, Double Eagle), as well as certain related transactions with an affiliate of Double Eagle.

Our Class A common stock is traded on the New York Stock Exchange (the NYSE) under the symbol PE.

Our principal executive offices are located at 303 Colorado Street, Suite 3000, Austin, Texas 78701, and our telephone number at that address is (737) 704-2300.

You should read carefully this prospectus, the documents incorporated by reference in this prospectus and any prospectus supplement before you invest. See <u>Risk Factors</u> beginning on page 6 of this prospectus for information on certain risks related to the purchase of our securities.

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 3, 2017.

TABLE OF CONTENTS

ABOUT THIS PROSPECTUS	1
ABOUT PARSLEY ENERGY, INC.	1
INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE	2
AVAILABLE INFORMATION	3
CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS	4
RISK FACTORS	6
<u>USE OF PROCEEDS</u>	7
EXCHANGE OF PE UNITS AND CLASS B COMMON STOCK	8
SELLING STOCKHOLDERS	9
DESCRIPTION OF CAPITAL STOCK	13
PLAN OF DISTRIBUTION	18
LEGAL MATTERS	20
EXPERTS	20

You should rely only on the information contained in this prospectus, any prospectus supplement and the documents we have incorporated by reference. We have not authorized any dealer, salesperson or other person to provide you with additional or different information. If anyone provides you with different or inconsistent information, you should not rely on it. This prospectus and any prospectus supplement are not an offer to sell or the solicitation of an offer to buy any securities other than the securities to which they relate and are not an offer to sell or the solicitation of an offer to buy securities in any jurisdiction to any person to whom it is unlawful to make an offer or solicitation in that jurisdiction. You should not assume that the information contained in this prospectus is accurate as of any date other than the date on the front cover of this prospectus, or that the information contained in any document incorporated by reference is accurate as of any date other than the date of the document incorporated by reference, regardless of the time of delivery of this prospectus or any sale of a security.

i

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we have filed with the Securities and Exchange Commission (the SEC) using a shelf registration process. Under this shelf registration process, the selling stockholders may use this prospectus to offer and sell up to an aggregate of 39,848,518 shares of our Class A common stock from time to time. This prospectus generally describes Parsley Energy, Inc. and the Class A common stock that our selling stockholders may offer. The selling stockholders may deliver a prospectus supplement with this prospectus, to the extent appropriate, to update the information contained in this prospectus. The selling stockholders may sell their shares of Class A common stock through any means described below under the heading Plan of Distribution.

This prospectus contains summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by the actual documents. Copies of some of the documents referred to herein have been filed, will be filed or will be incorporated by reference as exhibits to the registration statement of which this prospectus is a part, and you may obtain copies of those documents as described below under the heading. Available Information.

ABOUT PARSLEY ENERGY, INC.

Overview

We are an independent oil and natural gas company focused on the acquisition and development of unconventional oil and natural gas reserves in the Permian Basin. The Permian Basin is located in West Texas and Southeastern New Mexico and is comprised of three primary sub-areas: the Midland Basin, the Central Basin Platform and the Delaware Basin. These areas are characterized by high oil and liquids-rich natural gas content, multiple vertical and horizontal target horizons, extensive production histories, long-lived reserves and historically high drilling success rates. Our properties are primarily located in the Midland and Delaware Basins, where we focus predominantly on horizontal development drilling and expect to target various stacked pay intervals in the Spraberry, Wolfcamp, Upper Pennsylvanian (Cline) and Atoka shales. For additional information about our company, please read the documents listed under Incorporation of Certain Documents by Reference.

Organizational Structure

We are a holding company that was incorporated as a Delaware corporation on December 11, 2013 for the purpose of facilitating our initial public offering (the IPO) and to become the sole managing member of Parsley LLC. Our principal asset is a controlling equity interest in Parsley LLC. On May 22, 2014, a registration statement filed on Form S-1 with the SEC related to shares of our Class A common stock was declared effective. The IPO closed on May 29, 2014. Prior to the IPO, we had not engaged in any business or other activities except in connection with our formation and the IPO. As a result of the IPO and certain related reorganization transactions, we became the sole managing member of, and have a controlling equity interest in, Parsley LLC. As the sole managing member of Parsley LLC, we operate and control all of the business and affairs of Parsley LLC and, through Parsley LLC and its subsidiaries, conduct our business. We consolidate the financial results of Parsley LLC and its subsidiaries and record noncontrolling interests for the economic interest in Parsley LLC held by the other holders of equity interests in Parsley LLC (the PE Unit Holders).

Company Information

We are a Delaware corporation. Our principal executive offices are located at 303 Colorado Street, Suite 3000, Austin, Texas 78701 and our telephone number at that address is (737) 704-2300. Our website address is

www.parsleyenergy.com.

As used in this prospectus, the Company, we, our, us or like terms mean Parsley Energy, Inc. and its consolidated subsidiaries unless we state otherwise or the context otherwise requires.

1

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to incorporate by reference the information we have filed with the SEC. This means that we can disclose important information to you without actually including the specific information in this prospectus by referring you to other documents filed separately with the SEC. The information incorporated by reference is an important part of this prospectus. Information that we later provide to the SEC, and which is deemed to be filed with the SEC, will automatically update information previously filed with the SEC, and may replace information in this prospectus and information previously filed with the SEC.

We incorporate by reference the documents listed below and any future filings we make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended (the Exchange Act), after the date of this prospectus and before the termination of this offering (other than, in each case, information furnished rather than filed);

our Annual Report on Form 10-K for the year ended December 31, 2016;

our Current Reports on Form 8-K filed on January 5, 2017, January 10, 2017, January 12, 2017, February 7, 2017, February 13, 2017, April 20, 2017 and May 1, 2017, and our Current Report on Form 8-K/A filed on May 3, 2017;

the information specifically incorporated by reference into the Annual Report on Form 10-K for the year ended December 31, 2016 from our Definitive Proxy Statement on Schedule 14A filed on April 18, 2017; and

the description of our Class A common stock contained in our Form 8-A filed on May 20, 2014, including any amendment to that form that we may file in the future for the purpose of updating the description of our Class A common stock.

These reports contain important information about us, our financial condition and our results of operations.

You may request a copy of any document incorporated by reference in this prospectus, including the exhibits thereto, at no cost, by writing or telephoning us at the following address or telephone number:

Parsley Energy, Inc.

303 Colorado Street, Suite 3000

Austin, Texas 78701

Phone: (737) 704-2300

AVAILABLE INFORMATION

We file annual, quarterly, current and other reports and other information with the SEC. You may read and copy any materials we file with the SEC at the SEC s Public Reference Room at 100 F. Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the Public Reference Room. Our filings are also available to the public from commercial document retrieval services and through the SEC s website at http://www.sec.gov.

Our Class A common stock is listed and traded on the NYSE under the symbol PE. Our reports and other information filed with the SEC can also be inspected at the offices of the NYSE at 20 Broad Street, New York, New York 10005.

We also make available free of charge on our website at *www.parsleyenergy.com* all of the documents that we file with the SEC as soon as reasonably practicable after we electronically file such material with the SEC. Information contained on our website is not incorporated by reference into this prospectus.

This prospectus is part of a registration statement that we have filed with the SEC relating to the securities to be offered. This prospectus does not contain all of the information we have included in the registration statement and the accompanying exhibits and schedules in accordance with the rules and regulations of the SEC, and we refer you to the omitted information. The statements made in this prospectus pertaining to the content of any contract, agreement or other document that is an exhibit to the registration statement necessarily are summaries of their material provisions and do not describe all exceptions and qualifications contained in those contracts, agreements or documents. You should read those contracts, agreements or documents for information that may be important to you. The registration statement, exhibits and schedules are available at the SEC s Public Reference Room or through its website.

3

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

Various statements contained in or incorporated by reference into this prospectus that express a belief, expectation, or intention, or that are not statements of historical fact, are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the Securities Act), and Section 21E of the Exchange Act. These forward-looking statements include statements, projections and estimates concerning our operations, performance, business strategy, oil and natural gas reserves, drilling program, capital expenditures, liquidity and capital resources, the timing and success of specific projects, outcomes and effects of litigation, claims and disputes, derivative activities and potential financing. Forward-looking statements are generally accompanied by words such as anticipate, potential, project, predict, believe, expect, could, foresee. convey the uncertainty of future events or outcomes. Forward-looking statements are not guarantees of performance. We have based these forward-looking statements on our current expectations and assumptions about future events. These statements are based on certain assumptions and analyses made by us in light of our experience and our perception of historical trends, current conditions and expected future developments as well as other factors we believe are appropriate under the circumstances. Actual results may differ materially from those implied or expressed by the forward-looking statements. These forward-looking statements speak only as of the date of this prospectus, or if earlier, as of the date they were made. We disclaim any obligation to update or revise these statements unless required by law, and we caution you not to rely on them unduly. While our management considers these expectations and assumptions to be reasonable, they are inherently subject to significant business, economic, competitive, regulatory and other risks, contingencies and uncertainties relating to, among other matters, the risks discussed under the heading Risk Factors and elsewhere in our most recent Annual Report on Form 10-K, any subsequently filed Quarterly Reports on Form 10-Q and any subsequently filed Current Reports on Form 8-K (other than, in each case, information furnished rather than filed), all of which are incorporated by reference in this prospectus, and any risk factors included in any applicable prospectus supplement.

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Forward-looking statements may include statements about our:

business strategy;
reserves;
exploration and development drilling prospects, inventories, projects and programs;
ability to replace the reserves we produce through drilling and property acquisitions
financial strategy, liquidity and capital required for our development program;
realized oil, natural gas and natural gas liquids (NGLs) prices;
timing and amount of future production of oil, natural gas and NGLs;

hedging strategy and results;
future drilling plans;
competition and government regulations;
ability to obtain permits and governmental approvals;
pending legal or environmental matters;
marketing of oil, natural gas and NGLs;
leasehold or business acquisitions;
costs of developing our properties;
general economic conditions;
credit markets;

Table of Contents 13

4

uncertainty regarding our future operating results; and

plans, objectives, expectations and intentions contained in this prospectus that are not historical. We caution you that these forward-looking statements are subject to all of the risks and uncertainties, most of which are difficult to predict and many of which are beyond our control, incident to the exploration for and development, production, gathering and sale of oil, natural gas and NGLs. These risks include, but are not limited to, commodity price volatility, inflation, lack of availability of drilling and production equipment and services, environmental risks, drilling and other operating risks, regulatory changes, the uncertainty inherent in estimating reserves and in projecting future rates of production, cash flow and access to capital, the timing of development expenditures, and the other risks described under Risk Factors in our most recent Annual Report on Form 10-K, any subsequently filed Quarterly Reports on Form 10-Q and any subsequently filed Current Reports on Form 8-K (other than, in each case, information furnished rather than filed), which are incorporated by reference herein.

Additionally, we caution you that reserve engineering is a process of estimating underground accumulations of oil, natural gas and NGLs that cannot be measured in an exact way. The accuracy of any reserve estimate depends on the quality of available data, the interpretation of such data and price and cost assumptions made by reserve engineers. In addition, the results of drilling, testing and production activities may justify revisions of estimates that were made previously. If significant, such revisions would change the schedule of any further production and development drilling. Accordingly, reserve estimates may differ significantly from the quantities of oil, natural gas and NGLs that are ultimately recovered.

Should one or more of the risks or uncertainties described in this prospectus occur, or should underlying assumptions prove incorrect, our actual results and plans could differ materially from those expressed in any forward-looking statements.

All forward-looking statements, expressed or implied, included in this prospectus are expressly qualified in their entirety by this cautionary note. This cautionary note should also be considered in connection with any subsequent written or oral forward-looking statements that we or persons acting on our behalf may issue.

Except as otherwise required by applicable law, we disclaim any duty to update any forward-looking statements, all of which are expressly qualified by the statements in this cautionary note, to reflect events or circumstances after the date of this prospectus.

5

RISK FACTORS

An investment in our securities involves a significant degree of risk. Before you invest in our securities you should carefully consider those risk factors described under, but not limited to, the heading Risk Factors in our most recent Annual Report on Form 10-K, any subsequently filed Quarterly Reports on Form 10-Q and any subsequently filed Current Reports on Form 8-K (other than, in each case, information furnished rather than filed), which are incorporated herein by reference, and those risk factors that may be included in any applicable prospectus supplement, together with all of the other information included in this prospectus, any prospectus supplement and the documents we incorporate by reference, in evaluating an investment in our securities. If any of these risks were actually to occur, our business, financial condition or results of operations could be materially adversely affected. Additional risks not presently known to us or that we currently believe are immaterial may also significantly impair our business operations and financial condition. Please read Cautionary Note Regarding Forward-Looking Statements.

USE OF PROCEEDS

We will not receive any proceeds from the sale of the Class A common stock offered under this prospectus. Any proceeds from the sale of Class A common stock under this prospectus will be received by the selling stockholders.

7

EXCHANGE OF PE UNITS AND CLASS B COMMON STOCK

Pursuant to the Parsley LLC Agreement, each PE Unit Holder, including the selling stockholders named in this prospectus, has the right to exchange his, her or its PE Units, together with an equal number of shares of our Class B common stock, for shares of our Class A common stock on a one-for-one basis (subject to customary conversion rate adjustments for stock splits, stock dividends and reclassifications) or, if either we or Parsley LLC so elects, cash. As holders exchange their PE Units and Class B common stock for Class A common stock, our interest in Parsley LLC will increase.

Each selling stockholder will generally bear his, her or its own expenses in connection with an exchange, except that, subject to a limited exception, we are required to pay any transfer taxes, stamp taxes or duties or other similar taxes in connection with such an exchange.

8

SELLING STOCKHOLDERS

The selling stockholders named below may offer and sell from time to time in the future up to an aggregate of 39,848,518 shares of our Class A common stock. The term—selling stockholders—includes the stockholders listed in the table below and their transferees, pledgees, donees, assignees or other successors.

We are registering these 39,848,518 shares of our Class A common stock for sale by the selling stockholders named below pursuant to the Double Eagle RRA, which we entered into in connection with the closing of the Double Eagle Acquisition. For additional information regarding the Double Eagle RRA, see Description of Capital Stock Registration Rights Agreements Double Eagle Registration Rights Agreement.

Pursuant to the Double Eagle RRA, we will pay all expenses relating to the offering of these shares of Class A common stock, except that the selling stockholders will pay any underwriting discounts or commissions. We will indemnify the selling stockholders against liabilities, including liabilities under the Securities Act. We may be indemnified by the selling stockholders against civil 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.

The following table sets forth information as of the date of this prospectus by each selling stockholder regarding the beneficial ownership of shares of our Class A common stock and the number of shares of our Class A common stock that may from time to time be offered or sold pursuant to this prospectus. The percentage of shares of Class A common stock beneficially owned before the offering is based on the number of shares of our Class A common stock and Class B common stock outstanding as of the date of this prospectus, assuming the exchange of all PE Units (together with an equal number of shares of our Class B common stock). The information regarding shares beneficially owned after the offering assumes the sale of all shares of Class A common stock offered by the selling stockholders and that the selling stockholders do not acquire any additional shares of Class A common stock. Information in the table below with respect to beneficial ownership has been furnished by the selling stockholders.

Information concerning the selling stockholders may change from time to time and any changed information will be set forth in supplements to this prospectus, if and when necessary. The selling stockholders may offer all, some or none of their shares of Class A common stock. We cannot advise you as to whether the selling stockholders will in fact sell any or all of such shares of Class A common stock. In addition, the selling stockholders listed in the table below may have sold, transferred or otherwise disposed of, or may sell, transfer or otherwise dispose of, at any time and from time to time, shares of our Class A common stock in transactions exempt from the registration requirements of the Securities Act after the date on which they provided the information set forth in the table below.

Beneficial ownership is determined in accordance with the rules and regulations of the SEC. As described in Exchange of PE Units and Class B Common Stock above, the holders of PE Units have the right to exchange such PE Units, together with an equal number of shares of Class B common stock, for shares of our Class A common stock on a one-for-one basis. Assuming the exchange of all PE Units held by the PE Unit Holders, including the selling stockholders (together with an equal number of shares of our Class B common stock), for an equivalent number of shares of our Class A common stock, as of the date of this prospectus, there would be 314,343,950 shares of our Class A common stock outstanding. The beneficial ownership information presented below assumes that all PE Units held by the PE Unit Holders, including the selling stockholders (together with an equal number of shares of our Class B common stock), have been exchanged for an equivalent number of shares of Class A common stock.

9

				Shares of Class A Comn			
			Shares of	Stock			
			Class A	Benefici	•		
	Shares of Class A		Common	Owne			
	Stock Beneficially Owned		Stock That May Be		ter this ffering		
		Prior to this Offering					
Name	Number(1)	% (2)	Offered Nu	mber(3)	% (2)		
Alexis Carol Blair	29,026	*	29,026	0	*		
AnnMarie Koons	5,805	*	5,805	0	*		
ANRP Double Eagle Energy Holdings II, L.P.(4)	8,695,549	2.8%	8,695,549	0	*		
ANRP II Double Eagle Energy Holdings II, L.P.(5)	8,322,452	2.6%	8,322,452	0	*		
Astrum Partners LLC, Series XIV(6)	54,126	*	54,126	0	*		
Blake Carpenter	25,552	*	25,552	0	*		
The Blake and Casey Carpenter Family Irrevocable							
Asset Trust(7)	290,250	*	290,250	0	*		
Campbell 2015 Family Trust(8)	1,973,699	*	1,973,699	0	*		
Cody C. Campbell Family Limited Partnership(9)	1,354,832	*	1,354,832	0	*		
Courtney Reese	5,805	*	5,805	0	*		
David Rader	58,050	*	58,050	0	*		
Garrett Martin	213,966	*	213,966	0	*		
J. Parker Scheideman	17,415	*	17,415	0	*		
John A. Sellers Family Limited Partnership(10)	1,354,832	*	1,354,832	0	*		
Joseph Brosig	58,050	*	58,050	0	*		
Joseph Tidwell	14,466	*	14,466	0	*		
Jonathon McCartney	155,916	*	155,916	0	*		
Joshua A. Gregg Living Trust(11)	454,965	*	454,965	0	*		
Kyle Kulig	155,916	*	155,916	0	*		
Mark Autry	155,916	*	155,916	0	*		
Matthew Blackstock	14,466	*	14,466	0	*		
Matthew Hogg	58,050	*	58,050	0	*		
MTP Energy DE LLC(6)	623,052	*	623,052	0	*		
MTP Energy Master Fund Ltd(6)	688,356	*	688,356	0	*		
MTP Energy Opportunities Fund I LLC(6)	201,512	*	201,512	0	*		
MTP Energy Opportunities Fund II LLC(6)	823,104	*	823,104	0	*		
MTP EOF II IP LLC(6)	166,997	*	166,997	0	*		
MTP Holdings Corp 2(6)	132,014	*	132,014	0	*		
MTP Holdings Corp 14(6)	155,449	*	155,449	0	*		
Paul Richardson	62,367	*	62,367	0	*		
Richard Burnett	159,035	*	159,035	0	*		
Robert Lange	58,050	*	58,050	0	*		
Ross Smith	7,233	*	7,233	0	*		
Sean Earwood	14,466	*	14,466	0	*		
Sellers 2015 Family Trust(12)	1,973,699	*	1,973,699	0	*		
Seth Graham	29,026	*	29,026	0	*		
Stephanie Currie	121,496	*	121,496	0	*		
TPP II Annex Fund, LP(13)	125,969	*	125,969	0	*		
Triangle Peak Partners II, LP(14)	19,889	*	19,889	0	*		
Veritas Energy Partners Holdings, LLC(15)	10,988,674	3.5%	10,988,674	0	*		
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W. Stewart Gunn	29,026	*	29,026	0	*
Total	39,848,518	12.7%	39,848,518	0	*

10

- * Denotes less than 1%
- (1) Includes shares of our Class B common stock owned by the selling stockholders that, subject to the terms of the Parsley LLC Agreement, are, together with an equivalent number of PE Units, exchangeable at any time and from time to time for shares of Class A common stock on a one-for-one basis, subject to equitable adjustments for stock splits, stock dividends and reclassifications.
- (2) Based upon an aggregate of 314,343,950 shares of Class A common stock and Class B common stock outstanding as of May 2, 2017. The shares of Class A common stock to be issued upon the exchange of shares of Class B common stock that are currently exchangeable pursuant to the terms of the Parsley LLC Agreement are deemed to be outstanding and beneficially owned by the person holding the Class B common stock for the purpose of computing the percentage of beneficial ownership of Class A common stock for that person and any group of which that person is a member.
- (3) Assumes that the selling stockholders dispose of all the shares of Class A common stock covered by this prospectus and do not acquire beneficial ownership of any additional shares of Class A common stock. The registration of these shares of Class A common stock does not necessarily mean that the selling stockholders will sell all or any portion of the shares of Class A common stock covered by this prospectus.
- (4) Represents shares of Class A common stock issuable upon the exchange of PE Units and an equivalent number of shares of our Class B common stock held of record by ANRP Double Eagle Energy Holdings II, L.P. Apollo Commodities Management, L.P. with respect to Series I serves as the investment manager for ANRP Double Eagle Energy Holdings II, L.P. Apollo Commodities Management GP, LLC serves as the general partner of Apollo Commodities Management, L.P. Apollo Management Holdings, L.P. is the sole member and the manager of Apollo Commodities Management GP, LLC, and Apollo Management Holdings GP, LLC serves as the general partner of Apollo Management Holdings, L.P. Leon Black, Joshua Harris and Marc Rowan are the managers, as well as executive officers, of Apollo Management Holdings GP, LLC, and as such may be deemed to have voting and dispositive control of the shares of Class A common stock issuable upon exchange of the PE Units and an equivalent number of shares of our Class B common stock held of record by ANRP Double Eagle Energy Holdings II, L.P. Apollo Commodities Management, L.P., Apollo Commodities Management GP, LLC, Apollo Management Holdings, L.P. and Apollo Management Holdings GP, LLC, and Messrs. Black, Harris and Rowan, each disclaims beneficial ownership of the PE Units and the shares of Class B common stock held by ANRP Double Eagle Energy Holdings II, L.P., and the shares of Class A common stock issuable upon exchange of such securities.
- (5) Represents shares of Class A common stock issuable upon the exchange of PE Units and an equivalent number of shares of our Class B common stock held of record by ANRP II Double Eagle Energy Holdings II, L.P. Apollo ANRP Advisors II (APO DC), L.P. serves as the general partner of ANRP II Double Eagle Energy Holdings II, L.P., and Apollo ANRP Advisors II (APO DC-GP), LLC serves as the general partner of Apollo ANRP Advisors II (APO DC), L.P. APH Holdings (DC), L.P. serves as the sole member of Apollo ANRP Advisors II (APO DC-GP), LLC. Apollo Principal Holdings IV GP, Ltd. serves as the general partner of APH Holdings (DC), L.P. Leon Black, Joshua Harris and Marc Rowan are the directors of Apollo Principal Holdings IV GP, Ltd. and as such may be deemed to have voting and dispositive control of the shares of Class A common stock issuable upon exchange of the PE Units and an equivalent number of shares of our Class B common stock held of record by ANRP II Double Eagle Energy Holdings II, L.P. Apollo ANRP Advisors II (APO DC), L.P., Apollo ANRP Advisors II (APO DC-GP), LLC, APH Holdings (DC), L.P., Apollo Principal Holdings IV GP, Ltd., and Messrs. Black, Harris and Rowan, each disclaims beneficial ownership of the PE Units and the shares of Class B common stock held by ANRP II Double Eagle Energy Holdings II, L.P., and the shares of Class A common stock issuable upon exchange of such securities.
- (6) MTP Energy Management LLC serves as the managing member to MTP Energy Opportunities Fund II LLC and MTP EOF II IP LLC, investment manager to MTP Energy Master Fund Ltd, and manager to MTP Energy

Opportunities Fund I LLC. Magnetar Financial LLC serves as the manager to MTP Energy DE LLC, MTP Holdings Corp 14, and Astrum Partners LLC, Series XIV, and owns 100% voting interest in MTP Holdings Corp 2. Magnetar Financial LLC is the sole member of MTP Energy Management LLC. Magnetar Capital Partners LP serves as the sole member and parent holding company of Magnetar Financial LLC. Supernova Management LLC is the general partner of Magnetar Capital Partners LP. The manager of

11

Supernova Management LLC is Mr. Alec Litowitz. Each of MTP Energy Management LLC, Magnetar Financial LLC, Magnetar Capital Partners LP, Supernova Management LLC and Mr. Alec Litowitz may be deemed the beneficial owners of the shares held by the selling stockholders. Such persons, however, expressly disclaim any beneficial ownership of the shares held by the selling stockholders.

- (7) Blake Carpenter is the trustee of The Blake and Casey Carpenter Family Irrevocable Asset Trust and has voting and dispositive power over these securities.
- (8) Cody C. Campbell is the trustee of the Campbell 2015 Family Trust and has voting and dispositive power over these securities.
- (9) Cody C. Campbell, LLC, is the general partner of Cody C. Campbell Family Limited Partnership. Cody C. Campbell is the manager of Cody C. Campbell, LLC and has voting and dispositive power over these securities.
- (10) John A. Sellers, LLC, is the general partner of John A. Sellers Family Limited Partnership. John A. Sellers is the manager of John A. Sellers, LLC and has voting and dispositive power over these securities.
- (11) Joshua A. Gregg is the trustee of Joshua A. Gregg Living Trust and has voting and dispositive power over these securities.
- (12) John A. Sellers is the trustee of the Sellers 2015 Family Trust and has voting and dispositive power over these securities.
- (13) Triangle Peak Partners II General Partner, LLC is the general partner of TPP II Annex Fund, LP. Michael C. Morgan, Dain F. DeGroff and David L. Pesikoff are the managers of Triangle Peak Partners II General Partner, LLC and have voting and dispositive power over these securities. Each of Messrs. Morgan, DeGroff and Pesikoff disclaims beneficial ownership of such securities in excess of their pecuniary interest in the securities.
- (14) Triangle Peak Partners II General Partner, LLC is the general partner of Triangle Peak Partners II, LP. Michael C. Morgan, Dain F. DeGroff and David L. Pesikoff are the managers of Triangle Peak Partners II General Partner, LLC and have voting and dispositive power over these securities. Each of Messrs. Morgan, DeGroff and Pesikoff disclaims beneficial ownership of such securities in excess of their pecuniary interest in the securities.
- (15) Veritas Energy Partners Holdings, LLC is manager-managed. Post Oak Veritas, LLC owns a majority interest in, and has the right to designate and appoint a majority of the managers of, Veritas Energy Partners Holdings, LLC. Post Oak Veritas, LLC is managed by Post Oak Energy Capital, LP, which is managed by its general partner, Post Oak Energy Holdings, LLC. Accordingly, Post Oak Energy Holdings, LLC may be deemed to have voting and dispositive power over these securities.

12

DESCRIPTION OF CAPITAL STOCK

As of May 2, 2017, our authorized capital stock consisted of 600,000,000 shares of Class A common stock, \$0.01 par value per share, of which 246,629,780 were issued and 246,486,859 were outstanding; 125,000,000 shares of Class B common stock, \$0.01 par value per share, of which 67,857,091 were issued and outstanding; and 50,000,000 shares of preferred stock, par value \$0.01 per share, of which no shares were issued and outstanding. The following summary of our capital stock, amended and restated certificate of incorporation and amended and restated bylaws does not purport to be complete and is qualified in its entirety by reference to the provisions of applicable law and to our amended and restated certificate of incorporation and amended and restated bylaws.

Class A Common Stock

Voting Rights. Holders of shares of our Class A common stock are entitled to one vote per share held of record on all matters to be voted upon by the stockholders. The holders of shares of our Class A common stock do not have cumulative voting rights in the election of directors.

Dividend Rights. Holders of shares of our Class A common stock are entitled to ratably receive dividends when and if declared by our board of directors out of funds legally available for that purpose, subject to any statutory or contractual restrictions on the payment of dividends and to any prior rights and preferences that may be applicable to any outstanding preferred stock.

Liquidation Rights. Upon our liquidation, dissolution, distribution of assets or other winding up, the holders of shares of our Class A common stock are entitled to receive ratably the assets available for distribution to the stockholders after payment of liabilities and the liquidation preference of any of our outstanding shares of preferred stock.

Other Matters. The shares of Class A common stock have no preemptive or conversion rights and are not subject to further calls or assessment by us. There are no redemption or sinking fund provisions applicable to the Class A common stock. All outstanding shares of our Class A common stock, including the Class A common stock offered in this offering, are fully paid and non-assessable.

Class B Common Stock

Generally. Each PE Unit Holder holds one share of Class B common stock for each PE Unit that it holds. Accordingly, each PE Unit Holder has a number of votes in Parsley Energy, Inc. equal to the aggregate number of PE Units that it holds.

Voting Rights. Holders of shares of our Class B common stock are entitled to one vote per share held of record on all matters to be voted upon by the stockholders. Holders of shares of our Class A common stock and Class B common stock vote together as a single class on all matters presented to our stockholders for their vote or approval, except with respect to the amendment of certain provisions of our amended and restated certificate of incorporation that would alter or change the powers, preferences or special rights of the Class B common stock so as to affect them adversely, which amendments must be by a majority of the votes entitled to be cast by the holders of the shares affected by the amendment, voting as a separate class, or as otherwise required by applicable law.

Dividend and Liquidation Rights. Holders of our Class B common stock do not have any right to receive dividends, unless the dividend consists of shares of our Class B common stock or of rights, options, warrants or other securities convertible or exercisable into or exchangeable for shares of Class B common stock paid proportionally with respect to each outstanding share of our Class B common stock, and a dividend consisting of shares of Class A common stock

or of rights, options, warrants or other securities convertible or exercisable into

13

or exchangeable for shares of Class A common stock on the same terms is simultaneously paid to the holders of Class A common stock. Holders of our Class B common stock do not have any right to receive a distribution upon our liquidation or winding up.

Registration Rights Agreements

IPO Registration Rights Agreement

In connection with the closing of our IPO, we entered into a registration rights agreement, dated May 29, 2014, by and among us, Parsley LLC and certain other stockholders (as amended, the IPO RRA). In connection with the closing of the Double Eagle Acquisition, on April 20, 2017, we entered into the Second Amended and Restated Registration Rights Agreement (the Second A&R IPO RRA), by and among us, Parsley LLC and the other parties thereto. The Second A&R IPO RRA amended and restated the IPO RRA, to, among other things, address the relative rights of the holders of registrable securities under the Double Eagle RRA and the holders of registrable securities under the Second A&R IPO RRA and to include such registrable securities in certain registration statements and underwritten offerings. The Second A&R IPO RRA contains provisions by which we agree to register under the federal securities laws the sale of shares of our Class A common stock by certain selling stockholders or certain of their affiliates. These registration rights are subject to certain conditions and limitations. We are generally obligated to pay all registration expenses in connection with these registration obligations, regardless of whether a registration statement is filed or becomes effective.

Double Eagle Registration Rights Agreement

In connection with the closing of the Double Eagle Acquisition, on April 20, 2017, we entered into the Double Eagle RRA with the selling stockholders, pursuant to which, among other things and subject to certain restrictions, we are required to file with the SEC an automatically effective registration statement on Form S-3 registering for resale the shares of our Class A common stock issuable upon exchange of the PE Units (together with a corresponding number of shares of our Class B common stock) issued as consideration in connection with the closing of the Double Eagle Acquisition and to conduct certain underwritten offerings thereof. The holders of registrable securities under the Double Eagle RRA are subject to a 90-day lock-up period during which they may not directly or indirectly transfer any PE Units, shares of our Class B common stock, or shares of our Class A common stock, or any rights or economic interests pertaining thereto. We are filing this registration statement pursuant to our obligations under the Double Eagle RRA.

Anti-Takeover Effects of Provisions of Our Amended and Restated Certificate of Incorporation, our Amended and Restated Bylaws and Delaware Law

Some provisions of Delaware law, and our amended and restated certificate of incorporation and our amended and restated bylaws described below, will contain provisions that could make the following transactions more difficult: acquisitions of us by means of a tender offer, a proxy contest or otherwise; or removal of our incumbent officers and directors. 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 or could deter transactions that stockholders may otherwise consider to be in their best interest or in our best interests, including transactions that might result in a premium over the market price for our shares.

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 us. We believe that the benefits of increased protection and our potential ability to negotiate with the proponent of an

unfriendly or unsolicited proposal to acquire or restructure us outweigh the disadvantages of discouraging these proposals because, among other things, negotiation of these proposals could result in an improvement of their terms.

14

Delaware Law

Section 203 of the Delaware General Corporation Law (DGCL) prohibits a Delaware corporation, including those whose securities are listed for trading on the NYSE, from engaging in any business combination with any interested stockholder for a period of three years following the date that the stockholder became an interested stockholder, unless:

the transaction is approved by the board of directors before the date the interested stockholder attained that status;

upon consummation of the transaction that resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced; or

on or after such time the business combination is approved by the board of directors and authorized at a meeting of stockholders by at least two-thirds of the outstanding voting stock that is not owned by the interested stockholder.

We are not subject to the provisions of Section 203 of the DGCL.

Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws

Provisions of our amended and restated certificate of incorporation and our amended and restated bylaws may delay or discourage transactions involving an actual or potential change in control or change in our management, including transactions in which stockholders might otherwise receive a premium for their shares, or transactions that our stockholders might otherwise deem to be in their best interests. Therefore, these provisions could adversely affect the price of our Class A common stock.

Among other things, our amended and restated certificate of incorporation and amended and restated bylaws:

establish advance notice procedures with regard to stockholder proposals relating to the nomination of candidates for election as directors or new business to be brought before meetings of our stockholders. These procedures provide that notice of stockholder proposals must be timely given in writing to our corporate secretary prior to the meeting at which the action is to be taken. Generally, to be timely, notice must be received at our principal executive offices not less than 90 days nor more than 120 days prior to the first anniversary date of the annual meeting for the preceding year. Our amended and restated bylaws specify the requirements as to form, content and disclosure requirements of all stockholders notices. These requirements may preclude stockholders from bringing matters before the stockholders at an annual or special meeting;

establish requirements for director nominees to deliver (i) a written questionnaire regarding the background and qualifications of such person and the background of any other person or entity on whose behalf the nomination is being made, (ii) a written representation and agreement that such person is not and will not

become a party to any voting commitment that has not been disclosed to the Company and (iii) a written director agreement;

provide our board of directors the ability to authorize undesignated preferred stock. This ability makes it possible for our board of directors to issue, without stockholder approval, preferred stock with voting or other rights or preferences that could impede the success of any attempt to change control of us. These and other provisions may have the effect of deferring hostile takeovers or delaying changes in control or management of our company;

provide that the authorized number of directors may be changed only by resolution of the board of directors;

15

provide that all vacancies, including newly created directorships, may, except as otherwise required by law or, if applicable, the rights of holders of a series of preferred stock, be filled by the affirmative vote of a majority of directors then in office, even if less than a quorum, or by a sole remaining director;

provide that any action required or permitted to be taken by the stockholders must be effected at a duly called annual or special meeting of stockholders and may not be effected by any consent in writing in lieu of a meeting of such stockholders, subject to the rights of the holders of any series of preferred stock with respect to such series;

provide that our amended and restated certificate of incorporation and amended and restated bylaws may be amended by the affirmative vote of the holders of at least two-thirds of our then outstanding Class A common stock;

provide that special meetings of our stockholders may only be called by the board of directors, the chief executive officer or the chairman of the board;

provide for our board of directors to be divided into three classes of directors, with each class as nearly equal in number as possible, serving staggered three-year terms, other than directors which may be elected by holders of preferred stock, if any. This system of electing and removing directors may tend to discourage a third party from making a tender offer or otherwise attempting to obtain control of us, because it generally makes it more difficult for stockholders to replace a majority of the directors;

provide that we renounce any interest in existing and future investments in other entities by, or the business opportunities of, the Sponsors (as defined in our amended and restated certificate of incorporation) or any of their officers, directors, agents, stockholders, members, partners, affiliates and subsidiaries (other than our directors that are presented business opportunities in their capacity as our directors) and that they have no obligation to offer us those investments or opportunities; and

provide that our amended and restated bylaws can be amended by the board of directors.

Forum Selection

Our amended and restated 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, to the fullest extent permitted by applicable law, be the sole and exclusive forum for:

any derivative action or proceeding brought on our behalf;

any action asserting a claim of breach of a fiduciary duty owed by any of our directors, officers, employees or agents to us or our stockholders;

any action asserting a claim against us or any director or officer or other employee of ours arising pursuant to any provision of the DGCL, our amended and restated certificate of incorporation or our bylaws; or

any action asserting a claim against us or any director or officer or other employee of ours that is governed by the internal affairs doctrine, in each such case subject to such Court of Chancery having personal jurisdiction over the indispensable parties named as defendants therein.

Our amended and restated 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 forum selection provision. Although we believe these provisions benefit us by providing increased consistency in the application of Delaware law for the specified types of actions and proceedings, the provisions may have the effect of discouraging lawsuits against our directors, officers, employees and agents. The enforceability of similar exclusive forum provisions in other companies certificates of incorporation has been challenged in legal proceedings, and it is possible that, in connection with one or more actions or proceedings described above, a court could rule that this provision in our amended and restated certificate of incorporation is inapplicable or unenforceable.

16

Limitation of Liability and Indemnification Matters

Our amended and restated certificate of incorporation limits the liability of our directors for monetary damages for breach of their fiduciary duty as directors, except for liability that cannot be eliminated under the DGCL. Delaware law provides that directors of a company will not be personally liable for monetary damages for breach of their fiduciary duty as directors, except for liabilities:

for any breach of their duty of loyalty to us or our stockholders;

for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law;

for unlawful payment of dividend or unlawful stock repurchase or redemption, as provided under Section 174 of the DGCL; or

for any transaction from which the director derived an improper personal benefit.

Any amendment, repeal or modification of these provisions will be prospective only and would not affect any limitation on liability of a director for acts or omissions that occurred prior to any such amendment, repeal or modification.

Our amended and restated bylaws also provide that we will indemnify our directors and officers to the fullest extent permitted by Delaware law. Our amended and restated bylaws also permit us to purchase insurance on behalf of any officer, director, employee or other agent for any liability arising out of that person s actions as our officer, director, employee or agent, regardless of whether Delaware law would permit indemnification. We have entered into indemnification agreements with each of our directors and officers. These agreements require us to indemnify these individuals to the fullest extent permitted under Delaware law against liability 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 believe that the limitation of liability provision in our amended and restated certificate of incorporation and the indemnification agreements facilitate our ability to continue to attract and retain qualified individuals to serve as directors and officers.

Transfer Agent and Registrar

The transfer agent and registrar for our capital stock is American Stock Transfer & Trust Company, LLC.

Listing

Our Class A common stock is listed on the NYSE under the symbol PE.

Table of Contents 33

17

PLAN OF DISTRIBUTION

The selling stockholders (and any of their pledgees, donees, transferees, assignees and successors-in-interest) may, from time to time, sell, transfer or otherwise dispose of any or all of their shares of Class A common stock or interests in the shares of Class A common stock on any stock exchange, market or trading facility on which the shares of Class A common stock are traded or in private transactions. The selling stockholders may sell their shares of Class A common stock from time to time at the prevailing market price or in privately negotiated transactions.

The selling stockholders may use any one or more of the following methods when disposing of shares of Class A common stock or interests therein:

ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;

block trades in which the broker-dealer will attempt to sell the shares of Class A 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;

short sales effected after the date the registration statement of which this prospectus is a part is declared effective by the SEC;

through the writing or settlement of options or other hedging transactions, whether through an options exchange or otherwise;

broker-dealers may agree with the selling stockholders to sell a specified number of such shares of Class A common stock at a stipulated price per share;

an underwritten offering; and

a combination of any such methods of sale.

The selling stockholders may sell the shares of Class A common stock at fixed prices, at prices then prevailing or related to the then current market price or at negotiated prices. The offering price of the shares of Class A common stock from time to time will be determined by the selling stockholders and, at the time of the determination, may be

higher or lower than the market price of our Class A common stock on the NYSE or any other exchange or market.

The shares of Class A common stock may be sold directly or through broker-dealers acting as principal or agent, or pursuant to a distribution by one or more underwriters on a firm commitment or best-efforts basis. The selling stockholders may also enter into hedging transactions with broker-dealers. In connection with such transactions, broker-dealers of other financial institutions may engage in short sales of our Class A common stock in the course of hedging the positions they assume with the selling stockholders. The selling stockholders may also enter into options or other transactions with broker-dealers or other financial institutions which require the delivery to such broker-dealer or other financial institution of shares of Class A common stock offered by this prospectus, which shares such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction). In connection with an underwritten offering, underwriters or agents may receive compensation in the form of discounts, concessions or commissions from the selling stockholders or from purchasers of the offered shares of Class A common stock for whom they may act as agents. In addition, underwriters may sell the shares of Class A common stock to or through dealers, and those dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters and/or commissions from the purchasers for whom they may act as agents. The selling stockholders and any underwriters, dealers or agents participating in a distribution of the shares of Class A common stock may be

deemed to be underwriters within the meaning of the Securities Act, and any profit on the sale of the shares of Class A common stock by the selling stockholders and any commissions received by broker-dealers may be deemed to be underwriting commissions under the Securities Act.

The selling stockholders may agree to indemnify an underwriter, broker-dealer or agent against certain liabilities related to the selling of their shares of Class A common stock, including liabilities arising under the Securities Act. Under the Double Eagle RRA entered into with the selling stockholders, we have agreed to indemnify the selling stockholders against certain liabilities related to the sale of the Class A common stock, including certain liabilities arising under the Securities Act. Under the Double Eagle RRA, we have also agreed to pay the costs, expenses and fees of registering the shares of Class A common stock. All other expenses of issuance and distribution will be borne by the selling stockholders.

The selling stockholders are subject to the applicable provisions of the Exchange Act, and the rules and regulations under the Exchange Act, including Regulation M. This regulation may limit the timing of purchases and sales of any of the shares of Class A common stock offered in this prospectus by the selling stockholders. The anti-manipulation rules under the Exchange Act may apply to sales of shares of Class A common stock in the market and to the activities of the selling stockholders and its affiliates. Furthermore, Regulation M may restrict the ability of any person engaged in the distribution of the shares of Class A common stock to engage in market-making activities for the particular securities being distributed for a period of up to five business days before the distribution. The restrictions may affect the marketability of the shares of Class A common stock and the ability of any person or entity to engage in market-making activities for the shares of Class A common stock.

To the extent required, this prospectus may be amended and/or supplemented from time to time to describe a specific plan of distribution. Instead of selling the shares of Class A common stock under this prospectus, the selling stockholders may sell the shares of Class A common stock in compliance with the provisions of Rule 144 under the Securities Act, if available, or pursuant to other available exemptions from the registration requirements of the Securities Act.

Under the securities laws of some states, if applicable, the securities registered hereby may be sold in those states only through registered or licensed brokers or dealers. In addition, in some states such securities may not be sold unless they have been registered or qualified for sale or an exemption from registration or qualification requirements is available and is complied with.

We cannot assure you that the selling stockholders will sell all or any portion of our Class A common stock offered hereby.

The selling stockholders may from time to time pledge or grant a security interest in some or all of the shares of Class A common stock owned by them and, if they default in the performance of their secured obligations, the pledgees or secured parties may offer and sell shares of Class A common stock from time to time under this prospectus, or under an amendment to this prospectus or a prospectus supplement to include the pledgee, transferee or other successors in interest as selling stockholders under this prospectus.

If required, we may add transferees, successors and donees by prospectus supplement in instances where the transferee, successor or donee has acquired its shares from holders named in this prospectus after the effective date of this prospectus. Transferees, successors and donees of identified selling stockholders may not be able to use this prospectus for resales until they are named in the selling stockholders table by prospectus supplement or post-effective amendment. See Selling Stockholders.

LEGAL MATTERS

The validity of the securities offered by this prospectus will be passed upon for us by Vinson & Elkins L.L.P., Houston, Texas.

EXPERTS

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

The consolidated financial statements of Double Eagle Energy Permian LLC as of December 31, 2016 and 2015, and for the years then ended, incorporated by reference in this registration statement have been audited by Ernst & Young LLP, independent auditors, as set forth in their report thereon incorporated by reference herein, and are incorporated by reference herein in reliance upon such report given on the authority of such firm as experts in accounting and auditing.

The financial statements of Double Eagle Energy Permian LLC as of December 31, 2014, and for the year then ended incorporated by reference herein have been audited by Weaver and Tidwell L.L.P., as set forth in their report thereon incorporated by reference herein, and are included in reliance upon such report given on the authority of such firm as experts in accounting and auditing.

The information incorporated by reference herein regarding estimated quantities of proved reserves of Parsley Energy, Inc. and subsidiaries, the future net revenues from those reserves and their present value as of December 31, 2016, has been audited by Netherland, Sewell & Associates, Inc., our independent petroleum engineers. These estimates are incorporated by reference herein in reliance upon the authority of such firm as an expert in these matters.

The information incorporated by reference herein regarding estimated quantities of proved reserves of Double Eagle Energy Permian LLC, the future net revenues from those reserves and their present value as of December 31, 2014, 2015 and 2016, is based on the proved reserves reports prepared by Cawley, Gillespie & Associates, Inc. These estimates are incorporated by reference herein in reliance upon the authority of such firm as an expert in these matters.

20

Prospectus

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

Set forth below are the expenses (other than underwriting discounts and commissions) expected to be incurred in connection with the offering of the securities registered hereby.

SEC registration fee	\$ 137,0	75
FINRA filing fee		*
Printing and engraving expenses		*
Accounting fees and expenses		*
Legal fees and expenses		*
Miscellaneous		*
Total	\$	*

Item 15. Indemnification of Directors and Officers. *Parsley Energy, Inc.*

Parsley Energy, Inc. is organized under the laws of Delaware. Our amended and restated certificate of incorporation provides that a director will not be liable to the corporation or its stockholders for monetary damages to the fullest extent permitted by the DGCL. In addition, if the DGCL is amended to authorize the further elimination or limitation of the liability of directors, then the liability of a director of the corporation, in addition to the limitation on personal liability provided for in our certificate of incorporation, will be limited to the fullest extent permitted by the amended DGCL. Our amended and restated bylaws provide that the corporation will indemnify, and advance expenses to, any officer or director to the fullest extent authorized by the DGCL.

Section 145 of the DGCL provides that a corporation may indemnify directors and officers as well as other employees and individuals against expenses, including attorneys—fees, judgments, fines and amounts paid in settlement in connection with specified actions, suits and proceedings whether civil, criminal, administrative, or investigative, other than a derivative action by or in the right of the corporation, if they 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. A similar standard is applicable in the case of derivative actions, except that indemnification extends only to expenses, including attorneys—fees, incurred in connection with the defense or settlement of such action and the statute requires court approval before there can be any indemnification where the person seeking indemnification has been found liable to the corporation. The statute provides that it is not exclusive of other indemnification that may be granted by a corporation—s certificate

^{*} These fees are calculated based on the number of issuances and amount of securities offered and accordingly cannot be estimated at this time.

of incorporation, bylaws, disinterested director vote, stockholder vote, agreement or otherwise.

Our amended and restated certificate of incorporation also contains indemnification rights for our directors and our officers. Specifically, our amended and restated certificate of incorporation provides that we shall indemnify our officers and directors to the fullest extent authorized by the DGCL. Further, we may maintain insurance on behalf of our officers and directors against expense, liability or loss asserted incurred by them in their capacities as officers and directors.

II-1

We have obtained directors and officers insurance to cover our directors, officers and some of our employees for certain liabilities.

We have entered into written indemnification agreements with our directors and executive officers. Under these agreements, if an officer or director makes a claim of indemnification to us, either a majority of the independent directors or independent legal counsel selected by the independent directors must review the relevant facts and make a determination whether the officer or director has met the standards of conduct under Delaware law that would permit (under Delaware law) and require (under the indemnification agreement) us to indemnify the officer or director.

Item 16. Exhibits.

See the Index to Exhibits on the pages immediately preceding the exhibits for a list of exhibits filed as part of this registration statement, which Index to Exhibits is incorporated herein by reference.

Item 17. Undertakings.

The undersigned registrants hereby undertake:

- (a) 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 of 1933, as amended;
- (ii) To reflect in the prospectus any facts or events arising after the effective date of the 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 the 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 Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent 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 the registration statement or any material change to such information in the registration statement;

provided, however, that paragraphs (a)(i), (a)(ii) and (a)(iii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrants pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(b) That, for the purpose of determining any liability under the Securities Act of 1933, as amended, each such post-effective amendment 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) 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.

II-2

- (d) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:
- (i) Each prospectus filed by such 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 of 1933 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 the 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.

The undersigned registrants hereby undertake that, for purposes of determining any liability under the Securities Act of 1933, as amended, each filing of our annual report pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan s annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the 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.

Insofar as indemnification for liabilities arising under the Securities Act of 1933, as amended, may be permitted to directors, officers or persons controlling the registrants pursuant to the provisions set forth or described in Item 15 of this registration statement, or otherwise, the registrants have 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 a registrant of expenses incurred or paid by a director, officer or controlling person of such 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 registrants will, unless in the opinion of their counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by them is against public policy as expressed in the Securities Act of 1933, as amended, and will be governed by the final adjudication of such issue.

II-3

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, 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 the City of Austin, State of Texas, on May 3, 2017.

PARSLEY ENERGY, INC.

By: /s/ Bryan Sheffield
Bryan Sheffield
Chairman and Chief Executive Officer

POWER OF ATTORNEY

Each person whose signature appears below appoints Bryan Sheffield, Ryan Dalton and Colin Roberts, and each of them, any of whom may act without the joinder of the other, as his or her true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him or her and in his name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement and any Registration Statement (including any amendment thereto) for this offering that is to be effective upon filing pursuant to Rule 462(b) under the Securities Act of 1933, as amended, and to file the same, with all exhibits thereto, and all other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents full power and authority to do and perform each and every act and thing requisite and necessary to be done, as fully to all intents and purposes as he or she might or would do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them or their or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed below by the following persons in the capacities and the dates indicated.

Name	Title	Date
/s/ Bryan Sheffield Bryan Sheffield	Chairman, Chief Executive Officer (Principal Executive Officer)	May 3, 2017
/s/ Ryan Dalton Ryan Dalton	Executive Vice President Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)	May 3, 2017
/s/ A.R. Alameddine A.R. Alameddine	Director	May 3, 2017
/s/ Ronald Brokmeyer Ronald Brokmeyer	Director	May 3, 2017
/s/ William Browning William Browning	Director	May 3, 2017

/s/ Hemang Desai Hemang Desai	Director	May 3, 2017
/s/ David H. Smith David H. Smith	Director	May 3, 2017
/s/ Jerry Windlinger Jerry Windlinger	Director	May 3, 2017

II-4

Index to Exhibits

The following documents are filed as exhibits to this registration statement, including those exhibits incorporated herein by reference to a prior filing of Parsley Energy, Inc. under the Securities Act or the Exchange Act as indicated in parentheses:

Exhibit Number	Description
1.1*	Form of Underwriting Agreement.
2.1	Agreement and Plan of Merger, dated as of May 29, 2014, by and between Parsley Energy Employee Holdings, LLC and Parsley Energy, Inc. (incorporated by reference to Exhibit 2.1 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on June 4, 2014).
2.2	Purchase and Sale Agreement, dated as of June 4, 2014, by and among OGX Production, LP, OGX Operating, LLC and Parsley Energy, L.P. (incorporated by reference to Exhibit 2.2 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on June 4, 2014).
2.3	Purchase and Sale Agreement, dated as of March 27, 2014, by and between Pacer Energy, Ltd and Parsley Energy, L.P. (incorporated by reference to Exhibit 2.3 to the Company s Quarterly Report on Form 10-Q, File No. 001-36463, filed with the SEC on August 14, 2014).
2.4	First Amendment to Purchase and Sale Agreement and Waiver of Conditions Precedent, dated as of May 1, 2014, by and between Pacer Energy, Ltd. and Parsley Energy, L.P. (incorporated by reference to Exhibit 2.4 to the Company s Quarterly Report on Form 10-Q, File No. 001-36463, filed with the SEC on August 14, 2014).
2.5	Purchase and Sale Agreement, dated as of August 19, 2014, by and between Cimarex Energy Co. and Parsley Energy, L.P. (incorporated by reference to Exhibit 2.1 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on August 25, 2014).
2.6	Asset Purchase Agreement, dated October 20, 2015, by and between Parsley Energy, L.P. and ExL Petroleum Management, LLC (incorporated by reference to Exhibit 2.1 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on December 16, 2015).
2.7	Purchase and Sale Agreement, dated August 15, 2016, by and between Parsley Energy, L.P. and BTA Oil Producers, LLC, et al. (incorporated by reference to Exhibit 2.1 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on October 5, 2016).
2.8	First Amendment to Purchase and Sale Agreement, dated October 4, 2016, by and between Parsley Energy, L.P. and BTA Oil Producers, LLC, et al. (incorporated by reference to Exhibit 2.2 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on October 5, 2016).
2.9	Contribution Agreement, dated as of February 7, 2017, by and between Parsley Energy, LLC, Parsley Energy, Inc., Double Eagle Energy Permian Operating LLC, Double Eagle Energy Permian LLC and Double Eagle Energy Permian Member LLC (incorporated by reference to Exhibit 2.1 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on February 7, 2017).

4.1

Specimen Class A Common Stock Certificate (incorporated by reference to Exhibit 4.1 to Amendment No. 2 to the Company s Registration Statement on Form S-1, File No. 333-195230, filed with the SEC on May 12, 2014).

4.2 Indenture, dated May 27, 2016, by and among Parsley Energy, LLC, Parsley Finance Corp., the subsidiary guarantors named therein and U.S. Bank National Association, as trustee, related to the 6.250% Senior Notes due 2024 (incorporated by reference to Exhibit 4.1 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on May 27, 2016).

II-5

Exhibit Number	Description
4.3	First Supplemental Indenture, dated August 18, 2016, by and among Parsley Energy, LLC, Parsley Finance Corp., the subsidiary guarantors named therein and U.S. Bank National Association, as trustee, related to the 6.250% Senior Notes due 2024 (incorporated by reference to Exhibit 4.2 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on August 19, 2016).
4.4	Second Supplemental Indenture, dated October 27, 2016, by and among Parsley Energy, LLC, Parsley Finance Corp., the subsidiary guarantors named therein and U.S. Bank National Association, as trustee, related to the 6.250% Senior Notes due 2024 (incorporated by reference to Exhibit 4.5 to the Company s Quarterly Report on Form 10-Q, File No. 001-36463, filed with the SEC on November 4, 2016).
4.5	Third Supplemental Indenture, dated April 20, 2017, by and among Parsley Energy, LLC, Parsley Finance Corp., the subsidiary guarantors named therein and U.S. Bank National Association, as trustee, related to the 6.250% Senior Notes due 2024 (incorporated by reference to Exhibit 4.3 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on April 20, 2017).
4.6	Indenture, dated December 13, 2016, by and among Parsley Energy, LLC, Parsley Finance Corp., the subsidiary guarantors named therein and U.S. Bank National Association, as trustee, related to the 5.375% Senior Notes due 2025 (incorporated by reference to Exhibit 4.1 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on December 13, 2016).
4.7	First Supplemental Indenture, dated April 20, 2017, by and among Parsley Energy, LLC, Parsley Finance Corp., the subsidiary guarantors named therein and U.S. Bank National Association, as trustee, related to the 5.375% Senior Notes due 2025 (incorporated by reference to Exhibit 4.4 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on April 20, 2017).
4.8	Indenture, dated February 13, 2017, by and among Parsley Energy, LLC, Parsley Finance Corp., the subsidiary guarantors named therein and U.S. Bank National Association, as trustee, related to the 5.250% Senior Notes due 2025 (incorporated by reference to Exhibit 4.1 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on February 13, 2017).
4.9	First Supplemental Indenture, dated April 20, 2017, by and among Parsley Energy, LLC, Parsley Finance Corp., the subsidiary guarantors named therein and U.S. Bank National Association, as trustee, related to the 5.250% Senior Notes due 2025 (incorporated by reference to Exhibit 4.5 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on April 20, 2017).
4.10	Registration Rights and Lock-Up Agreement, dated as of April 20, 2017, by and between Parsley Energy, Inc. and the Holders party thereto (incorporated by reference to Exhibit 4.1 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on April 20, 2017).
4.11	Second Amended and Restated Registration Rights Agreement, dated as of April 20, 2017, by and among Parsley Energy, LLC, Parsley Energy, Inc. and each of the parties listed as Owners on the signature pages thereto (incorporated by reference to Exhibit 4.2 to the Company s Current Report on Form 8-K, File No. 001-36463, filed with the SEC on April 20, 2017).
5.1**	Opinion of Vinson & Elkins L.L.P.
23.1**	Consent of Vinson & Elkins L.L.P. (included in Exhibit 5.1).
23.2**	Consent of KPMG LLP.

23.3** Consent of Ernst & Young LLP.

23.4** Consent of Weaver and Tidwell L.L.P.

II-6

Exhibit Number	Description
23.5**	Consent of Netherland, Sewell & Associates, Inc.
23.6**	Consent of Cawley, Gillespie & Associates, Inc.
24.1**	Powers of Attorney (included on signature pages of this Registration Statement).

^{*} To be filed by amendment or as an exhibit to a current report on Form 8-K of Parsley Energy, Inc.

^{**} Filed herewith.