Parsley Energy, Inc. Form 424B3 May 14, 2015

> Filed pursuant to Rule 424(b)(3) Registration No. 333-202671

Prospectus Supplement No. 2

(To Prospectus dated March 25, 2015)

14,885,797 Shares

Parsley Energy, Inc.

Class A Common Stock

This Prospectus Supplement No. 2 (the Prospectus Supplement ) supplements and amends the Prospectus dated March 25, 2015 (the Final Prospectus ), relating to the sale, transfer or distribution from time to time by the selling stockholders named in the Final Prospectus of up to 14,885,797 shares of our Class A common stock. We are not selling any shares of Class A common stock under the Final Prospectus or this Prospectus Supplement and, therefore, will not receive any proceeds from the sale of shares by the selling stockholders. You should read this Prospectus Supplement in conjunction with the Final Prospectus, and this Prospectus Supplement is qualified by reference to the Final Prospectus, except to the extent that the information contained in this Prospectus Supplement supersedes the information contained in the Final Prospectus. This Prospectus Supplement is not complete without, and may not be delivered or utilized except in connection with, the Final Prospectus, including any and all additional amendments or supplements thereto.

On May 14, 2015, we filed with the Securities and Exchange Commission the attached Quarterly Report on Form 10-Q for the period ended March 31, 2015. The text of the Form 10-Q is attached hereto.

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

Investing in our Class A common stock involves risks. See Risk Factors on page 5 of the Final Prospectus.

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

The date of this Prospectus Supplement is May 14, 2015.

#### **UNITED STATES**

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

(Mark One)

x QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended March 31, 2015

or

"TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from to

Commission File Number: 001-36463

PARSLEY ENERGY, INC.

(Exact name of registrant as specified in its charter)

Delaware 46-4314192 (State or other jurisdiction (I.R.S. Employer

of incorporation or organization) Identification No.)

303 Colorado Street, Suite 3000

Austin, Texas 78701 (Address of principal executive offices) (Zip Code)

(737) 704-2300				
(Registrant's tel	ephone number, including area code)			
` '				
(Former name,	former address and former fiscal year, if changed sin	ce last report)		
,	<b>,</b> , ,	1 /		
Securities Exch	ck mark whether the registrant (1) has filed all report ange Act of 1934 during the preceding 12 months (or such reports), and (2) has been subject to such filing	r for such shorter period that the registrant was		
Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes x No "				
or a smaller repo	ck mark whether the registrant is a large accelerated to orting company. See the definitions of "large accelerated 12b-2 of the Exchange Act.	filer, an accelerated filer, a non-accelerated filer, ated filer," "accelerated filer" and "smaller reporting		
	Large accelerated filer "	Accelerated filer "		
	Non-accelerated filer x	Smaller reporting company "		
Indicate by chec Act). Yes "	(Do not check if a smaller reporting company) ck mark whether the registrant is a shell company (as No x	defined in Rule 12b-2 of the Exchange		
As of May 13, 2 B common stock	2015, the registrant had 108,762,018 shares of Class & outstanding.	A common stock and 32,145,296 shares of Class		

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FORM 10-Q

QUARTERLY PERIOD ENDED MARCH 31, 2015

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#### CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This Quarterly Report on Form 10-Q (the "Quarterly Report") includes "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 Securities Exchange Act of 1934, as amended (the "Exchange Act"). All statements, other than statements of historical fact included in this Quarterly Report, regarding our strategy, future operations, financial position, estimated revenues and losses, projected costs, prospects, plans and objectives of management are forward-looking statements. When used in this Quarterly Report, the words "could," "believe," "anticipate," "intend," "estimate," "expect," "project" and similar expressi intended to identify forward-looking statements, although not all forward-looking statements contain such identifying words. These forward-looking statements are based on our current expectations and assumptions about future events and are based on currently available information as to the outcome and timing of future events. When considering forward-looking statements, you should keep in mind the risk factors and other cautionary statements described under, but not limited to, the heading "Item 1A. Risk Factors" and elsewhere in our Annual Report on Form 10-K for the year ended December 31, 2014 (the "Annual Report") and other filings with the United States Securities and Exchange Commission ("SEC"). These forward-looking statements are based on management's current belief, based on currently available information, as to the outcome and timing of future events.

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;
- ·uncertainty regarding our future operating results; and
- ·plans, objectives, expectations and intentions contained in this Quarterly Report 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 Annual Report.

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 Quarterly Report 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 Quarterly Report are expressly qualified in their entirety by this cautionary statement. This cautionary statement 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 section, to reflect events or circumstances after the date of this Quarterly Report.

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#### GLOSSARY OF CERTAIN TERMS AND CONVENTIONS USED HEREIN

The terms defined in this section are used throughout this Quarterly Report:

"Bbl." One stock tank barrel, of 42 U.S. gallons liquid volume, used in reference to crude oil, condensate or natural gas liquids.

"Boe." One barrel of oil equivalent, with 6,000 cubic feet of natural gas being equivalent to one barrel of oil.

"Boe/d." One barrel of oil equivalent per day.

"British thermal unit" or "Btu." The heat required to raise the temperature of a one-pound mass of water from 58.5 to 59.5 degrees Fahrenheit.

"completion." The process of treating a drilled well followed by the installation of permanent equipment for the production of oil or natural gas, or in the case of a dry hole, the reporting of abandonment to the appropriate agency.

"condensate." A mixture of hydrocarbons that exists in the gaseous phase at original reservoir temperature and pressure, but that, when produced, is in the liquid phase at surface pressure and temperature.

"development well." A well drilled within the proved area of an oil or natural gas reservoir to the depth of a stratigraphic horizon known to be productive.

"dry hole." A well found to be incapable of producing hydrocarbons in sufficient quantities such that proceeds from the sale of such production exceed production expenses and taxes.

"economically producible." A resource that generates revenue that exceeds, or is reasonably expected to exceed, the costs of the operation. For a complete definition of economically producible, refer to the SEC's Regulation S-X, Rule 4-10(a)(10).

"exploitation." A development or other project which may target proven or unproven reserves (such as probable or possible reserves), but which generally has a lower risk than that associated with exploration projects.

"exploratory well." A well drilled to find a new field or to find a new reservoir in a field previously found to be productive of oil or natural gas in another reservoir.

"field." An area consisting of a single reservoir or multiple reservoirs all grouped on or related to the same individual geological structural feature and/or stratigraphic condition. The field name refers to the surface area, although it may refer to both the surface and the underground productive formations. For a complete definition of field, refer to the SEC's Regulation S-X, Rule 4-10(a)(15).

"formation." A layer of rock which has distinct characteristics that differ from nearby rock.

"GAAP." Accounting principles generally accepted in the United States.

"gross acres" or "gross wells." The total acres or wells, as the case may be, in which an entity owns a working interest.

"horizontal drilling." A drilling technique used in certain formations where a well is drilled vertically to a certain depth and then drilled at a right angle within a specified interval.

"lease operating expense." All direct and allocated indirect costs of lifting hydrocarbons from a producing formation to the surface constituting part of the current operating expenses of a working interest. Such costs include labor, superintendence, supplies, repairs, maintenance, allocated overhead charges, workover, insurance and other expenses incidental to production, but exclude lease acquisition or drilling or completion expenses.

"LIBOR." London Interbank Offered Rate.

"MBbl." One thousand barrels of crude oil, condensate or NGLs.

"MBoe." One thousand barrels of oil equivalent.

"Mcf." One thousand cubic feet of natural gas.

"MMBtu." One million British thermal units.

"MMcf." One million cubic feet of natural gas.

"natural gas liquids" or "NGLs." The combination of ethane, propane, butane, isobutane and natural gasolines that when removed from natural gas become liquid under various levels of higher pressure and lower temperature.

"net acres" or "net wells." The percentage of total acres or wells, as the case may be, an owner has out of a particular number of gross acres or wells. For example, an owner who has 50% interest in 100 gross acres owns 50 net acres.

"NYMEX." The New York Mercantile Exchange.

"operator." The entity responsible for the exploration, development and production of a well or lease.

"PE Units." The single class of units, in which all of the membership interests (including outstanding incentive units) in Parsley LLC were converted to in connection with the initial public offering.

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"proved developed reserves." Proved reserves that can be expected to be recovered:

- i. Through existing wells with existing equipment and operating methods or in which the cost of the required equipment is relatively minor compared with the cost of a new well; or
- ii. Through installed extraction equipment and infrastructure operational at the time of the reserves estimate if the extraction is by means not involving a well.

"proved reserves." Those quantities of oil and natural gas, which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible—from a given date forward, from known reservoirs, and under existing economic conditions, operating methods, and government regulations—prior to the time at which contracts providing the right to operate expire, unless evidence indicates that renewal is reasonably certain, regardless of whether deterministic or probabilistic methods are used for the estimation. The project to extract the hydrocarbons must have commenced, or the operator must be reasonably certain that it will commence, the project within a reasonable time. For a complete definition of proved oil and natural gas reserves, refer to the SEC's Regulation S-X, Rule 4-10(a)(22).

"proved undeveloped reserves" or "PUDs." Proved reserves that are expected to be recovered from new wells on undrilled acreage, or from existing wells where a relatively major expenditure is required for recompletion.

Reserves on undrilled acreage shall be limited to those directly offsetting development spacing areas that are reasonably certain of production when drilled, unless evidence using reliable technology exists that establishes reasonable certainty of economic producibility at greater distances.

Undrilled locations can be classified as having undeveloped reserves only if a development plan has been adopted indicating that they are scheduled to be drilled within five years, unless the specific circumstances justify a longer time.

Under no circumstances shall estimates for proved undeveloped reserves be attributable to any acreage for which an application of fluid injection or other improved recovery technique is contemplated, unless such techniques have been proved effective by actual projects in the same reservoir or an analogous reservoir, or by other evidence using reliable technology establishing reasonable certainty.

"reasonable certainty." A high degree of confidence. For a complete definition of reasonable certainty, refer to the SEC's Regulation S-X, Rule 4-10(a)(24).

"recompletion." The process of re-entering an existing wellbore that is either producing or not producing and completing new reservoirs in an attempt to establish or increase existing production.

"reliable technology." A grouping of one or more technologies (including computational methods) that have been field tested and have been demonstrated to provide reasonably certain results with consistency and repeatability in the formation being evaluated or in an analogous formation.

"reserves." Estimated remaining quantities of oil and natural gas and related substances anticipated to be economically producible, as of a given date, by application of development prospects to known accumulations. In addition, there must exist, or there must be a reasonable expectation that there will exist, the legal right to produce or a revenue interest in the production, installed means of delivering oil and natural gas or related substances to market and all permits and financing required to implement the project.

"reservoir." A porous and permeable underground formation containing a natural accumulation of producible hydrocarbons that is confined by impermeable rock or water barriers and is separate from other reservoirs.

"SEC." The United States Securities and Exchange Commission.

"spacing." The distance between wells producing from the same reservoir. Spacing is often expressed in terms of acres, e.g., 40-acre spacing, and is often established by regulatory agencies.

"undeveloped acreage." Lease acreage on which wells have not been drilled or completed to a point that would permit the production of economic quantities of oil or natural gas regardless of whether such acreage contains proved reserves.

"wellbore." The hole drilled by the bit that is equipped for oil or gas production on a completed well. Also called well or borehole.

"working interest." The right granted to the lessee of a property to explore for and to produce and own oil, natural gas or other minerals. The working interest owners bear the exploration, development and operating costs on either a cash, penalty or carried basis.

"workover." Operations on a producing well to restore or increase production.

"WTI." West Texas Intermediate crude oil, which is a light, sweet crude oil, characterized by an American Petroleum Institute gravity, or API gravity, between 39 and 41 and a sulfur content of approximately 0.4 weight percent that is used as a benchmark for other crude oils.

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### PART 1: FINANCIAL INFORMATION

Item 1: Financial Statements

PARSLEY ENERGY, INC. AND SUBSIDIARIES

#### CONDENSED CONSOLIDATED AND COMBINED BALANCE SHEETS

(Unaudited)

	March 31, 2015 (In thous	December 31, 2014 ands)
ASSETS		
CURRENT ASSETS		
Cash and cash equivalents	\$27,236	\$ 50,550
Accounts receivable:		
Joint interest owners and other	36,101	37,620
Oil and gas	19,672	22,700
Related parties	2,243	4,065
Short-term derivative instruments	54,512	80,911
Materials and supplies	4,342	3,767
Other current assets	4,596	4,548