

PIONEER NATURAL RESOURCES CO

Form 10-Q

November 03, 2017

Table of Contents

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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FORM 10-Q

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

For the quarterly period ended September 30, 2017

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: 1-13245

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PIONEER NATURAL RESOURCES COMPANY

(Exact name of Registrant as specified in its charter)

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Delaware

75-2702753

(I.R.S.

(State or other jurisdiction of incorporation or organization)

Employer Identification No.)

5205 N. O'Connor Blvd., Suite 200, Irving, Texas

75039

(Address of principal executive offices)

(Zip Code)

(972) 444-9001

(Registrant's telephone number, including area code)

Not applicable

(Former name, former address and former fiscal year, if changed since last report)

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Indicate by check mark whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes  No

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 (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Yes  No

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

Accelerated filer

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Non-accelerated filer  (Do not check if a smaller reporting company)  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 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes  No

Number of shares of Common Stock outstanding as of October 30, 2017 170,165,265

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Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
TABLE OF CONTENTS

	Page
<u>Cautionary Statement Concerning Forward-Looking Statements</u>	<u>3</u>
<u>Definitions of Certain Terms and Conventions Used Herein</u>	<u>4</u>
 <u>PART I. FINANCIAL INFORMATION</u>	
 <u>Item 1. Financial Statements</u>	
<u>Consolidated Balance Sheets as of September 30, 2017 and December 31, 2016</u>	<u>5</u>
<u>Consolidated Statements of Operations for the three and nine months ended September 30, 2017 and 2016</u>	<u>7</u>
<u>Consolidated Statement of Equity for the nine months ended September 30, 2017</u>	<u>8</u>
<u>Consolidated Statements of Cash Flows for the nine months ended September 30, 2017 and 2016</u>	<u>9</u>
<u>Notes to Consolidated Financial Statements</u>	<u>10</u>
<u>Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations</u>	<u>25</u>
<u>Item 3. Quantitative and Qualitative Disclosures About Market Risk</u>	<u>35</u>
<u>Item 4. Controls and Procedures</u>	<u>39</u>
 <u>PART II. OTHER INFORMATION</u>	
<u>Item 1. Legal Proceedings</u>	<u>40</u>
<u>Item 1A. Risk Factors</u>	<u>40</u>
<u>Item 2. Unregistered Sales of Equity Securities and Use of Proceeds</u>	<u>40</u>
<u>Item 4. Mine Safety Disclosures</u>	<u>40</u>
<u>Item 6. Exhibits</u>	<u>41</u>
<u>Signatures</u>	<u>42</u>

Table of Contents

PIONEER NATURAL RESOURCES COMPANY

Cautionary Statement Concerning Forward-Looking Statements

The information in this Quarterly Report on Form 10-Q (this "Report") contains forward-looking statements that involve risks and uncertainties. When used in this document, the words "believes," "plans," "expects," "anticipates," "forecasts," "intends," "continue," "may," "will," "could," "should," "future," "potential," "estimate" or the negative of such terms and similar expressions as they relate to Pioneer Natural Resources Company ("Pioneer" or the "Company") are intended to identify forward-looking statements, which are generally not historical in nature. The forward-looking statements are based on the Company's current expectations, assumptions, estimates and projections about the Company and the industry in which the Company operates. Although the Company believes that the expectations and assumptions reflected in the forward-looking statements are reasonable as and when made, they involve risks and uncertainties that are difficult to predict and, in many cases, beyond the Company's control. These risks and uncertainties include, among other things, volatility of commodity prices, product supply and demand, competition, the ability to obtain environmental and other permits and the timing thereof, other government regulation or action, the ability to obtain approvals from third parties and negotiate agreements with third parties on mutually acceptable terms, litigation, the costs and results of drilling and operations, availability of equipment, services, resources and personnel required to perform the Company's drilling and operating activities, access to and availability of transportation, processing, fractionation and refining facilities, Pioneer's ability to replace reserves, implement its business plans or complete its development activities as scheduled, access to and cost of capital, the financial strength of counterparties to Pioneer's credit facility, investment instruments and derivative contracts and purchasers of Pioneer's oil, NGL and gas production, uncertainties about estimates of reserves, identification of drilling locations and the ability to add proved reserves in the future, the assumptions underlying production forecasts, quality of technical data, environmental and weather risks, including the possible impacts of climate change, the risks associated with the ownership and operation of the Company's industrial sand mining and oilfield services businesses, and acts of war or terrorism. These and other risks are described in the Company's Annual Report on Form 10-K, this and other Quarterly Reports on Form 10-Q and other filings with the United States Securities and Exchange Commission. In addition, the Company may be subject to currently unforeseen risks that may have a materially adverse effect on it. Accordingly, no assurances can be given that the actual events and results will not be materially different than the anticipated results described in the forward-looking statements. See "Part I, Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations," "Part 1, Item 3. Quantitative and Qualitative Disclosures About Market Risk" and "Part II, Item 1A. Risk Factors" in this Report and "Part I, Item 1. Business — Competition, Markets and Regulations," "Part I, Item 1A. Risk Factors," "Part II, Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations" and "Part II, Item 7A. Quantitative and Qualitative Disclosures About Market Risk" in the Company's Annual Report on Form 10-K for the year ended December 31, 2016 for a description of various factors that could materially affect the ability of Pioneer to achieve the anticipated results described in the forward-looking statements. Readers are cautioned not to place undue reliance on forward-looking statements, which speak only as of the date hereof. The Company undertakes no duty to publicly update these statements except as required by law.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY

Definitions of Certain Terms and Conventions Used Herein

Within this Report, the following terms and conventions have specific meanings:

• "Bbl" means a standard barrel containing 42 United States gallons.

• "BOE" means a barrel of oil equivalent and is a standard convention used to express oil and gas volumes on a comparable oil equivalent basis. Gas equivalents are determined under the relative energy content method by using the ratio of six thousand cubic feet of gas to one Bbl of oil or natural gas liquid.

• "BOEPD" means BOE per day.

• "Btu" means British thermal unit, which is a measure of the amount of energy required to raise the temperature of one pound of water one degree Fahrenheit.

• "Conway" means the daily average natural gas liquids components as priced in Oil Price Information Service ("OPIS") in the table "U.S. and Canada LP – Gas Weekly Averages" at Conway, Kansas.

• "DD&A" means depletion, depreciation and amortization.

• "GAAP" means accounting principles that are generally accepted in the United States of America.

• "LIBOR" means London Interbank Offered Rate, which is a market rate of interest.

• "Mcf" means one thousand cubic feet and is a measure of gas volume.

• "MMBtu" means one million Btus.

• "Mont Belvieu" means the daily average natural gas liquids components as priced in OPIS in the table "U.S. and Canada LP – Gas Weekly Averages" at Mont Belvieu, Texas.

• "NGL" means natural gas liquid.

• "NYMEX" means the New York Mercantile Exchange.

• "Pioneer" or the "Company" means Pioneer Natural Resources Company and its subsidiaries.

• "Proved reserves" mean the quantities of oil and 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.

(i) The area of the reservoir considered as proved includes: (A) The area identified by drilling and limited by fluid contacts, if any, and (B) Adjacent undrilled portions of the reservoir that can, with reasonable certainty, be judged to be continuous with it and to contain economically producible oil or gas on the basis of available geoscience and engineering data.

(ii) In the absence of data on fluid contacts, proved quantities in a reservoir are limited by the lowest known hydrocarbons ("LKH") as seen in a well penetration unless geoscience, engineering, or performance data and reliable technology establishes a lower contact with reasonable certainty.

(iii) Where direct observation from well penetrations has defined a highest known oil ("HKO") elevation and the potential exists for an associated gas cap, proved oil reserves may be assigned in the structurally higher portions of the reservoir only if geoscience, engineering, or performance data and reliable technology establish the higher contact with reasonable certainty.

(iv) Reserves which can be produced economically through application of improved recovery techniques (including, but not limited to, fluid injection) are included in the proved classification when: (A) Successful testing by a pilot project in an area of the reservoir with properties no more favorable than in the reservoir as a whole, the operation of an installed program in the reservoir or an analogous reservoir, or other evidence using reliable technology establishes the reasonable certainty of the engineering analysis on which the project or program was based; and (B) The project has been approved for development by all necessary parties and entities, including governmental entities.

(v) Existing economic conditions include prices and costs at which economic producibility from a reservoir is to be determined. The price shall be the average during the 12-month period prior to the ending date of the period covered by the report, determined as an unweighted arithmetic average of the first-day-of-the-month price for each month

within such period, unless prices are defined by contractual arrangements, excluding escalations based upon future conditions.

•"U.S." means United States.

With respect to information on the working interest in wells, drilling locations and acreage, "net" wells, drilling locations and acres are determined by multiplying "gross" wells, drilling locations and acres by the Company's working interest in such wells, drilling locations or acres. Unless otherwise specified, wells, drilling locations and acreage statistics quoted herein represent gross wells, drilling locations or acres.

•Unless otherwise indicated, all currency amounts are expressed in U.S. dollars.

Table of Contents

## PART I. FINANCIAL INFORMATION

## Item 1. Financial Statements

## PIONEER NATURAL RESOURCES COMPANY

## CONSOLIDATED BALANCE SHEETS

(in millions)

	September 30, 2017	December 31, 2016
	(Unaudited)	
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 636	\$ 1,118
Short-term investments	1,357	1,441
Accounts receivable:		
Trade, net	649	517
Due from affiliates	—	1
Income taxes receivable	1	3
Inventories	187	181
Derivatives	43	14
Other	28	23
Total current assets	2,901	3,298
Property, plant and equipment, at cost:		
Oil and gas properties, using the successful efforts method of accounting:		
Proved properties	19,630	18,566
Unproved properties	558	486
Accumulated depletion, depreciation and amortization	(8,841	) (8,211 )
Total property, plant and equipment	11,347	10,841
Long-term investments	151	420
Goodwill	270	272
Other property and equipment, net	1,683	1,529
Derivatives	7	—
Other assets, net	106	99
	\$ 16,465	\$ 16,459

The financial information included as of September 30, 2017 has been prepared by management without audit by independent registered public accountants.

The accompanying notes are an integral part of these consolidated financial statements.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
CONSOLIDATED BALANCE SHEETS (continued)  
(in millions, except share data)

	September 30, 2017	December 31, 2016
	(Unaudited)	
<b>LIABILITIES AND EQUITY</b>		
Current liabilities:		
Accounts payable:		
Trade	\$ 1,015	\$ 741
Due to affiliates	90	134
Interest payable	38	68
Current portion of long-term debt	449	485
Derivatives	17	77
Other	106	61
Total current liabilities	1,715	1,566
Long-term debt	2,282	2,728
Derivatives	12	7
Deferred income taxes	1,475	1,397
Other liabilities	384	350
Equity:		
Common stock, \$.01 par value; 500,000,000 shares authorized; 173,794,108 and 173,221,845 shares issued as of September 30, 2017 and December 31, 2016, respectively	2	2
Additional paid-in capital	8,957	8,892
Treasury stock at cost: 3,628,843 and 3,497,742 shares as of September 30, 2017 and December 31, 2016, respectively	(250	) (218 )
Retained earnings	1,882	1,728
Total equity attributable to common stockholders	10,591	10,404
Noncontrolling interests in consolidated subsidiaries	6	7
Total equity	10,597	10,411
Commitments and contingencies	\$ 16,465	\$ 16,459

The financial information included as of September 30, 2017 has been prepared by management without audit by independent registered public accountants.

The accompanying notes are an integral part of these consolidated financial statements.





Table of ContentsPIONEER NATURAL RESOURCES COMPANY  
CONSOLIDATED STATEMENTS OF OPERATIONS

(in millions, except per share data)

(Unaudited)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2017	2016	2017	2016
Revenues and other income:				
Oil and gas	\$855	\$643	\$2,433	\$1,665
Sales of purchased oil and gas	721	444	1,722	1,062
Interest and other	17	7	44	21
Derivative gains (losses), net	(133 )	91	153	(95 )
Gain on disposition of assets, net	—	1	205	4
	1,460	1,186	4,557	2,657
Costs and expenses:				
Oil and gas production	152	141	440	438
Production and ad valorem taxes	53	32	152	97
Depletion, depreciation and amortization	355	386	1,033	1,123
Purchased oil and gas	735	458	1,769	1,113
Impairment of oil and gas properties	—	—	285	32
Exploration and abandonments	18	19	78	96
General and administrative	81	82	245	235
Accretion of discount on asset retirement obligations	5	5	14	14
Interest	37	50	118	161
Other	58	69	176	223
	1,494	1,242	4,310	3,532
Income (loss) before income taxes	(34 )	(56 )	247	(875 )
Income tax benefit (provision)	11	78	(79 )	362
Net income (loss) attributable to common stockholders	\$(23 )	\$22	\$168	\$(513 )
Basic and diluted net income (loss) per share attributable to common stockholders	\$(0.13)	\$0.13	\$0.98	\$(3.10 )
Basic and diluted weighted average shares outstanding	170	170	170	165
Dividends declared per share	\$0.04	\$0.04	\$0.08	\$0.08

The financial information included herein has been prepared by management without audit by independent registered public accountants. The accompanying notes are an integral part of these consolidated financial statements.

7

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Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
CONSOLIDATED STATEMENT OF EQUITY  
(in millions, except share data and dividends per share)  
(Unaudited)

	Equity Attributable To Common Stockholders						Total Equity
	Shares Outstanding	Common Stock	Additional Paid-in Capital	Treasury Stock	Retained Earnings	Noncontrolling Interests	
	(in thousands)						
Balance as of December 31, 2016	169,724	\$ 2	\$ 8,892	\$ (218 )	\$ 1,728	\$ 7	\$ 10,411
Dividends declared (\$0.08 per share)	—	—	—	—	(14 )	—	(14 )
Exercise of long-term incentive stock options and employee stock purchases	60	—	3	4	—	—	7
Purchases of treasury stock	(191 )	—	—	(36 )	—	—	(36 )
Compensation costs:							
Vested compensation awards	572	—	—	—	—	—	—
Compensation costs included in net income	—	—	61	—	—	—	61
Purchase of noncontrolling interest	—	—	1	—	—	(1 )	—
Net income	—	—	—	—	168	—	168
Balance as of September 30, 2017	170,165	\$ 2	\$ 8,957	\$ (250 )	\$ 1,882	\$ 6	\$ 10,597

The financial information included herein has been prepared by management without audit by independent registered public accountants.

The accompanying notes are an integral part of these consolidated financial statements.

Table of ContentsPIONEER NATURAL RESOURCES COMPANY  
CONSOLIDATED STATEMENTS OF CASH FLOWS

(in millions)

(Unaudited)

	Nine Months Ended September 30, 2017 2016	
Cash flows from operating activities:		
Net income (loss)	\$168	\$(513)
Adjustments to reconcile net income (loss) to net cash provided by operating activities:		
Depletion, depreciation and amortization	1,033	1,123
Impairment of oil and gas properties	285	32
Impairment of inventory and other property and equipment	1	6
Exploration expenses, including dry holes	19	41
Deferred income taxes	79	(340 )
Gain on disposition of assets, net	(205 )	(4 )
Accretion of discount on asset retirement obligations	14	14
Interest expense	4	11
Derivative related activity	(91 )	628
Amortization of stock-based compensation	61	66
Other	48	50
Change in operating assets and liabilities:		
Accounts receivable	(131 )	(64 )
Income taxes receivable	2	17
Inventories	(9 )	(7 )
Derivatives	—	(24 )
Investments	5	—
Other current assets	(4 )	(3 )
Accounts payable	82	(8 )
Interest payable	(30 )	(26 )
Income taxes payable	—	(2 )
Other current liabilities	(33 )	(38 )
Net cash provided by operating activities	1,298	959
Cash flows from investing activities:		
Proceeds from disposition of assets, net of cash sold	347	503
Payments for acquisitions	—	(429 )
Proceeds from investments	1,194	255
Purchase of investments	(845 )	(2,300)
Additions to oil and gas properties	(1,703 )	(1,387)
Additions to other assets and other property and equipment, net	(252 )	(156 )
Net cash used in investing activities	(1,259 )	(3,514)
Cash flows from financing activities:		
Principal payments on long-term debt	(485 )	(455 )
Proceeds from issuance of common stock, net of issuance costs	—	2,534
Exercise of long-term incentive plan stock options and employee stock purchases	7	7
Purchases of treasury stock	(36 )	(24 )
Dividends paid	(7 )	(7 )
Net cash provided by (used in) financing activities	(521 )	2,055

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Net decrease in cash and cash equivalents	(482 )	(500 )
Cash and cash equivalents, beginning of period	1,118	1,391
Cash and cash equivalents, end of period	\$636	\$891

The financial information included herein has been prepared by management without audit by independent registered public accountants.

The accompanying notes are an integral part of these consolidated financial statements.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
September 30, 2017  
(Unaudited)

NOTE A. Organization and Nature of Operations

Pioneer Natural Resources Company ("Pioneer" or the "Company") is a Delaware corporation whose common stock is listed and traded on the New York Stock Exchange. The Company is a large independent oil and gas exploration and production company that explores for, develops and produces oil, natural gas liquids ("NGLs") and gas within the United States, with operations primarily in the Permian Basin in West Texas, the Eagle Ford Shale play in South Texas, the Raton field in southeast Colorado and the West Panhandle field in the Texas Panhandle.

NOTE B. Basis of Presentation

Presentation. In the opinion of management, the consolidated financial statements of the Company as of September 30, 2017 and for the three and nine months ended September 30, 2017 and 2016 include all adjustments and accruals, consisting only of normal, recurring accrual adjustments, which are necessary for a fair presentation of the results for the interim periods. These interim results are not necessarily indicative of results for a full year.

Certain information and footnote disclosures normally included in financial statements prepared in accordance with generally accepted accounting principles in the United States ("GAAP") have been condensed in or omitted from this report pursuant to the rules and regulations of the United States Securities and Exchange Commission (the "SEC"). These consolidated financial statements should be read together with the consolidated financial statements and notes thereto included in the Company's Annual Report on Form 10-K for the year ended December 31, 2016.

Certain reclassifications have been made to the 2016 financial statement and footnote amounts in order to conform to the 2017 presentation.

Issuance of common stock. During the first and second quarters of 2016, the Company issued 13.8 million and 6.0 million shares of common stock, respectively, and received cash proceeds of \$1.6 billion and \$937 million, respectively, net of associated underwriter discounts and offering expenses.

New accounting pronouncements. In March 2016, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") 2016-09, "Improvements to Employee Share-Based Payment Accounting." ASU 2016-09 simplifies several aspects of the accounting for share-based payment transactions, including accounting for income taxes, forfeitures and statutory tax withholding requirements, as well as certain classification changes in the statement of cash flows. The Company adopted this standard on January 1, 2017. See Note M for discussion on the impact of the adoption to the Company's income tax provision.

In February 2016, the FASB issued ASU 2016-02, "Leases." ASU 2016-02 requires the recognition of lease assets and lease liabilities by lessees for those leases currently classified as operating leases and makes certain changes to the accounting for lease expenses. This update is effective for fiscal years beginning after December 15, 2018 and for interim periods beginning the following year. This update should be applied using a modified retrospective approach, and early adoption is permitted. The Company anticipates that the adoption of ASU 2016-02 for its leasing arrangements will likely (i) increase the Company's recorded assets and liabilities, (ii) increase depreciation, depletion and amortization expense, (iii) increase interest expense and (iv) decrease lease/rental expense. The Company is currently evaluating each of its lease arrangements and has not determined the aggregate amount of change expected for each category.

In May 2014, the FASB issued ASU 2014-09, "Revenue from Contracts with Customers (Topic 606)," which supersedes the revenue recognition requirements in Accounting Standards Codification ("ASC") Topic 605, "Revenue Recognition," and most industry-specific guidance. ASU 2014-09 is based on the principle that revenue is recognized to depict the transfer of goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. ASU 2014-09 also requires additional disclosure about the nature, amount, timing and uncertainty of revenue and cash flows arising from customer contracts. In August 2015, the FASB issued ASU 2015-14, which defers the effective date of ASU 2014-09 for one year to fiscal years beginning after December 15, 2017. Early adoption is permitted for fiscal years beginning after December 15, 2016.

In addition, in May 2016, the FASB issued ASU 2016-11, which rescinds guidance from the SEC on accounting for gas balancing arrangements and will eliminate the use of the entitlements method.

The Company has been working through a project plan for the implementation of Topic 606 and has identified the following revenue streams: oil, NGL and gas sales and sales of purchased oil and gas. The Company's analysis of contracts with customers



Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

in accordance with the requirements of Topic 606 is largely complete. The Company has not identified any changes to the timing of revenue recognition based upon the requirements of Topic 606 that would have a material impact on the Company's consolidated financial statements. The Company plans to utilize the modified approach to adopt the new standards upon their effective dates with a cumulative effect adjustment, if any, recorded to retained earnings as of January 1, 2018. The Company's evaluation of the new disclosure requirements is ongoing.

## NOTE C. Acquisitions and Divestitures

Permian Basin Acquisition. In August 2016, the Company acquired approximately 28,000 net acres in the Permian Basin, with net production of approximately 1,400 barrels of oil equivalent per day ("BOEPD"), from an unaffiliated third party for \$428 million, including normal closing adjustments. The acquisition was accounted for using the acquisition method under ASC 805, "Business Combinations," which requires acquired assets and liabilities to be recorded at fair value as of the acquisition date.

The following table represents the allocation of the acquisition price to the assets acquired and the liabilities assumed based on their fair value at the acquisition date (in millions):

## Assets acquired:

Proved properties	\$79
Unproved properties	347
Other property and equipment	5

## Liabilities assumed:

Asset retirement obligations	(2 )
Other liabilities	(1 )
Net assets acquired	\$428

The fair value measurements of the net assets acquired are based on inputs that are not observable in the market and, therefore, represent Level 3 inputs in the fair value hierarchy (see Note D for a description of the input levels in the fair value hierarchy). The Company calculated the fair values of the acquired proved properties and asset retirement obligations using a discounted future cash flow model that utilizes management's estimates of (i) proved reserves, (ii) forecasted production rates, (iii) future operating, development and plugging and abandonment costs, (iv) future commodity prices and (v) a discount rate of 10 percent for proved properties and seven percent for asset retirement obligations. The Company calculated the fair values of the acquired unproved properties based on the average price per acre in comparable market transactions. The operating results attributable to the acquired assets and liabilities assumed are included in the Company's accompanying consolidated statements of operations since the date of acquisition.

Divestitures. For the three and nine months ended September 30, 2017, the Company recorded net gains on the disposition of assets of nil and \$205 million, respectively. For the three and nine months ended September 30, 2016, the Company recorded net gains on the disposition of assets of \$1 million and \$4 million, respectively.

In April 2017, the Company completed the sale of approximately 20,500 acres in the Martin County region of the Permian Basin, with net production of approximately 1,500 BOEPD, to an unaffiliated third party for cash proceeds of \$266 million, before normal closing adjustments. The sale resulted in a gain of \$194 million. In conjunction with the divestiture, the Company reduced the carrying value of goodwill by \$2 million, reflecting the portion of the Company's goodwill related to the assets sold.

During the nine months ended September 30, 2017, the Company also completed the sales of other nonstrategic proved and unproved properties in the Permian Basin for cash proceeds of \$78 million, which resulted in a gain of \$12 million.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

## NOTE D. Fair Value Measurements

Fair value is defined as the price that would be received to sell an asset or the price paid to transfer a liability in an orderly transaction between market participants at the measurement date. Fair value measurements are based upon inputs that market participants use in pricing an asset or liability, which are characterized according to a hierarchy that prioritizes those inputs based on the degree to which they are observable. Observable inputs represent market data obtained from independent sources, whereas unobservable inputs reflect a company's own market assumptions, which are used if observable inputs are not reasonably available without undue cost and effort. The three input levels of the fair value hierarchy are as follows:

Level 1 – quoted prices for identical assets or liabilities in active markets.

Level 2 – quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the asset or liability (e.g., interest rates) and inputs derived principally from or corroborated by observable market data by correlation or other means.

Level 3 – unobservable inputs for the asset or liability.

Assets and liabilities measured at fair value on a recurring basis. The fair value input hierarchy level to which an asset or liability measurement in its entirety falls is determined based on the lowest level input that is significant to the measurement in its entirety.

The following table presents the Company's assets and liabilities that are measured at fair value on a recurring basis as of September 30, 2017 and December 31, 2016 for each of the fair value hierarchy levels:

	Fair Value Measurement as of September 30, 2017 Using Quoted Prices in Active Markets for Identical Assets (Level 1)				Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Fair Value as of September 30, 2017
(in millions)							
Assets:							
Commodity derivatives	\$—	\$ 45	\$	—	\$	—	\$ 45
Interest rate derivatives	—	5	—	—	—	—	5
Deferred compensation plan assets	90	—	—	—	—	—	90
Total assets	90	50	—	—	—	—	140
Liabilities:							
Commodity derivatives	—	29	—	—	—	—	29
Total liabilities	—	29	—	—	—	—	29
Total recurring fair value measurements	\$90	\$ 21	\$	—	\$	—	\$ 111

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

	Fair Value Measurement as of December 31, 2016 Using Quoted Prices in Active Markets for Identifiable Assets (Level 1)			Significant Other Observable Inputs (Level 2)		Significant Unobservable Inputs (Level 3)		Fair value as of December 31, 2016
Assets:								
Commodity derivatives	\$—	\$ 8		\$				—\$ 8
Interest rate derivatives	—	6		—				6
Deferred compensation plan assets	83	—		—				83
Total assets	83	14		—				97
Liabilities:								
Commodity derivatives	—	84		—				84
Total liabilities	—	84		—				84
Total recurring fair value measurements	\$83	\$ (70 )		\$				—\$ 13

Commodity derivatives. The Company's commodity derivatives represent oil, NGL and gas swap contracts, collar contracts and collar contracts with short puts. The asset and liability measurements for these derivative contracts represent Level 2 inputs in the hierarchy. The Company utilizes discounted cash flow and option-pricing models for valuing its commodity derivatives.

The asset and liability values attributable to the Company's commodity derivatives were determined based on inputs that include (i) the contracted notional volumes, (ii) independent active market price quotes, (iii) the applicable estimated credit-adjusted risk-free rate yield curve and (iv) the implied rate of volatility inherent in the collar contracts and collar contracts with short puts, which is based on active and independent market-quoted volatility factors.

Deferred compensation plan assets. The Company's deferred compensation plan assets represent investments in equity and mutual fund securities that are actively traded on major exchanges. These investments are measured based on observable prices on major exchanges. As of September 30, 2017, the significant inputs to these asset values represented Level 1 independent active exchange market price inputs.

Interest rate derivatives. The Company's interest rate derivative assets represent interest rate swap contracts. The Company utilizes discounted cash flow models for valuing its interest rate derivatives. The derivative values attributable to the Company's interest rate derivative contracts are based on (i) the contracted notional amounts, (ii) forward active market-quoted London Interbank Offered Rates ("LIBOR") and (iii) the applicable credit-adjusted risk-free rate yield curve. The Company's interest rate derivative fair value measurements represent Level 2 inputs in the hierarchy.

Assets and liabilities measured at fair value on a nonrecurring basis. Certain assets and liabilities are measured at fair value on a nonrecurring basis. These assets and liabilities are not measured at fair value on an ongoing basis, but are subject to fair value adjustments in certain circumstances. These assets and liabilities can include inventory, proved and unproved oil and gas properties and other long-lived assets or liabilities that are acquired or written down to fair value when they are impaired or held for sale. See Note C for information on the fair value of assets and liabilities acquired in the Permian Basin acquisition.

Proved oil and gas properties. As a result of the Company's proved property impairment assessments, the Company recognized noncash impairment charges to reduce the carrying values of the Raton and West Panhandle fields during the three months ended March 31, 2017 and 2016, respectively, to their estimated fair values.

The Company calculated the fair values of the Raton and West Panhandle fields using a discounted future cash flow model. Significant Level 3 assumptions associated with the calculations included management's longer-term commodity price outlooks ("Management's Price Outlooks") and management's outlooks for (i) production, (ii) production costs, (iii) capital expenditures and (iv) estimated proved reserves and risk-adjusted probable reserves. Management's Price Outlooks are developed based on third-party longer-term commodity futures price outlooks as of each measurement date. The expected future net cash flows were discounted using an annual rate of 10 percent to determine fair value.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

The following table presents the fair value and fair value adjustments (in millions) for the Company's 2017 and 2016 proved property impairments, as well as the average oil price per barrel ("Bbl") and gas price per British thermal unit ("MMBtu") utilized in the respective Management's Price Outlooks:

	Impairment Date	Fair Value	Fair Value Adjustment	Management's Price Outlooks	
				Oil	Gas
Raton	March 2017	\$ 186	\$ (285 )	\$53.65	\$3.00
West Panhandle	March 2016	\$ 33	\$ (32 )	\$49.77	\$3.24

It is reasonably possible that the estimate of undiscounted future net cash flows attributable to these or other properties may change in the future resulting in the need to impair their carrying values. The primary factors that may affect estimates of future cash flows are (i) future adjustments, both positive and negative, to proved and risk-adjusted probable and possible oil and gas reserves, (ii) results of future drilling activities, (iii) Management's Price Outlooks and (iv) increases or decreases in production and capital costs associated with these reserves.

Unproved oil and gas properties. During March 2016, the Company recorded an impairment charge of \$32 million to write-off the carrying value of its unproved royalty acreage in Alaska (reported in exploration and abandonments in the accompanying consolidated statements of operations) as a result of the operator curtailing operations in the area and Management's Price Outlooks.

Financial instruments not carried at fair value. Carrying values and fair values of financial instruments that are not carried at fair value in the accompanying consolidated balance sheets as of September 30, 2017 and December 31, 2016 are as follows:

	September 30, 2017		December 31, 2016	
	Carrying Value	Fair Value	Carrying Value	Fair Value
Commercial paper, corporate bonds and time deposits	\$1,508	\$1,506	\$1,906	\$1,901
Current portion of long-term debt	\$449	\$462	\$485	\$490
Long-term debt	\$2,282	\$2,495	\$2,728	\$2,956

Commercial paper, corporate bonds and time deposits. Periodically, the Company invests in commercial paper and corporate bonds with investment grade rated entities. The Company also periodically enters into time deposits with financial institutions. The investments are carried at amortized cost and classified as held-to-maturity as the Company has the intent and ability to hold them until they mature. The carrying values of held-to-maturity investments are adjusted for amortization of premiums and accretion of discounts over the remaining life of the investment. Income related to these investments is recorded in interest and other income in the Company's consolidated statements of operations. The Company's investments in corporate bonds represent Level 1 inputs in the hierarchy, while other investments represent Level 2 inputs in the hierarchy. Commercial paper and time deposits are included in cash and cash equivalents if they have maturity dates that are less than 90 days at the date of purchase; otherwise, investments are reflected in short-term investments or long-term investments in the accompanying consolidated balance sheets based on their maturity dates. The following table provides the components of the Company's cash and cash equivalents and investments as of September 30, 2017 and December 31, 2016:

Consolidated Balance Sheet Location	September 30, 2017					Total
	Cash	Commercial Paper	Corporate Bonds	Time Deposits		

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	(in millions)				
Cash and cash equivalents	\$539	\$ —	\$ —	\$ 97	\$636
Short-term investments	—	124	741	492	1,357
Long-term investments	—	—	151	—	151
	\$539	\$ 124	\$ 892	\$ 589	\$2,144

14

---

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

Consolidated Balance Sheet Location	December 31, 2016				Total
	Cash	Commercial Paper	Corporate Bonds	Time Deposits	
	(in millions)				
Cash and cash equivalents	\$873	\$ 45	\$ —	\$ 200	\$1,118
Short-term investments	—	368	691	382	1,441
Long-term investments	—	—	420	—	420
	\$873	\$ 413	\$ 1,111	\$ 582	\$2,979

Debt obligations. The Company's debt obligations are composed of its credit facility and senior notes. The fair value of the Company's debt obligations is determined utilizing inputs that are Level 2 measurements in the fair value hierarchy. The fair value of the Company's credit facility is calculated using a discounted cash flow model based on (i) forecasted contractual interest and fee payments, (ii) forward active market-quoted United States Treasury Bill rates and (iii) the applicable credit-adjustments. The Company's senior notes represent debt securities that are not actively traded on major exchanges. The fair values of the Company's senior notes are based on their periodic values as quoted on the major exchanges.

The Company has other financial instruments consisting primarily of receivables, payables and other current assets and liabilities that approximate fair value due to the nature of the instrument and their relatively short maturities.

Non-financial assets and liabilities initially measured at fair value include assets acquired and liabilities assumed in a business combination, goodwill and asset retirement obligations.

**NOTE E. Derivative Financial Instruments**

The Company utilizes commodity swap contracts, collar contracts and collar contracts with short puts to (i) reduce the effect of price volatility on the commodities the Company produces and sells or consumes, (ii) support the Company's annual capital budgeting and expenditure plans and (iii) reduce commodity price risk associated with certain capital projects. The Company also, from time to time, utilizes interest rate contracts to reduce the effect of interest rate volatility on the Company's indebtedness.

Periodically, the Company may pay a premium to enter into commodity contracts. Premiums paid, if any, have been nominal in relation to the value of the underlying asset in the contract. The Company recognizes the nominal premium payments as an increase to the value of derivative assets when paid. All derivatives are adjusted to fair value as of each balance sheet date.

Oil production derivative activities. All material physical sales contracts governing the Company's oil production are tied directly to, or are highly correlated with, New York Mercantile Exchange ("NYMEX") West Texas Intermediate ("WTI") oil prices. The Company uses derivative contracts to manage oil price volatility and basis swap contracts to reduce basis risk between NYMEX prices and the actual index prices at which the oil is sold.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

The following table sets forth the volumes per day associated with the Company's outstanding oil derivative contracts as of September 30, 2017 and the weighted average oil prices for those contracts:

	2017	Year
	Fourth	Ending
	Quarter	December
		31, 2018
Collar contracts (a):		
Volume (Bbl)	6,000	—
Price per Bbl:		
Ceiling	\$70.40	\$ —
Floor	\$50.00	\$ —
Collar contracts with short puts (b):		
Volume (Bbl)	155,000	150,781
Price per Bbl:		
Ceiling	\$62.12	\$ 57.70
Floor	\$49.82	\$ 47.39
Short put	\$41.02	\$ 37.35
Basis swap contracts:		
Midland-Cushing index swap volume (Bbl)	6,630	—
Price differential (\$/Bbl) (c)	\$(1.09)	\$ —

(a) Subsequent to September 30, 2017, the Company entered into additional collar contracts for 3,000 Bbls per day of 2018 production with a ceiling price of \$58.05 per Bbl and a floor price of \$45.00 per Bbl.

Subsequent to September 30, 2017, the Company entered into additional collar contracts with short puts for 2,000 (b) Bbls per day of 2018 production with a ceiling price of \$59.25 per Bbl, a floor price of \$45.00 per Bbl and a short put price of \$35.00 per Bbl.

(c) Represents the basis differential between Midland, Texas oil prices and WTI oil prices at Cushing, Oklahoma.

NGL production derivative activities. All material physical sales contracts governing the Company's NGL production are tied directly or indirectly to either Mont Belvieu, Texas or Conway, Kansas NGL component product prices. The Company uses derivative contracts to manage NGL component price volatility.



Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

The following table sets forth the volumes per day associated with the Company's outstanding NGL derivative contracts as of September 30, 2017 and the weighted average NGL prices for those contracts:

		Year Ending	
	2017	December 31,	
	Fourth Quarter	2018	2019
Ethane collar contracts (a):			
Volume (Bbl)	3,000	—	—
Price per Bbl:			
Ceiling	\$ 11.83	\$—	\$—
Floor	\$ 8.68	\$—	\$—
Ethane basis swap contracts (b):			
Volume (MMBtu)	6,920	6,920	6,920
Price differential (\$/MMBtu)	\$ 1.60	\$ 1.60	\$ 1.60

(a) Represent collar contracts that reduce the price volatility of ethane forecasted for sale by the Company at Mont Belvieu, Texas-posted prices.

(b) Represent basis swap contracts that reduce the price volatility of ethane forecasted for sale by the Company at Mont Belvieu, Texas-posted prices. The basis swap contracts fix the basis differential on a NYMEX Henry Hub ("HH") MMBtu equivalent basis. The Company will receive the HH price plus the price differential on 6,920 MMBtu per day, which is equivalent to 2,500 Bbls per day of ethane.

Subsequent to September 30, 2017, the Company entered into propane swap contracts for 2,500 Bbls per day of November and December 2017 production with a fixed price of \$37.80 per Bbl.

Gas production derivative activities. All material physical sales contracts governing the Company's gas production are tied directly or indirectly to HH gas prices or regional index prices where the gas is sold. The Company uses derivative contracts to manage gas price volatility and basis swap contracts to reduce basis risk between HH prices and actual index prices at which the gas is sold.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

The following table sets forth the volumes per day associated with the Company's outstanding gas derivative contracts as of September 30, 2017 and the weighted average gas prices for those contracts:

	2017	Year Ending December 31,	
	Fourth Quarter	2018	2019
Swap contracts:			
Volume (MMBtu) (a)	—	30,000—	
Price per MMBtu	\$—	\$3.08	\$—
Collar contracts with short puts:			
Volume (MMBtu)	300,000	62,329—	
Price per MMBtu:			
Ceiling	\$3.60	\$3.56	\$—
Floor	\$2.96	\$2.91	\$—
Short put	\$2.47	\$2.37	\$—
Basis swap contracts:			
Mid-Continent index swap volume (MMBtu) (b)	45,000	—	—
Price differential (\$/MMBtu)	\$(0.32)	\$—	\$—
Permian Basin index swap volume (MMBtu) (c)	26,522	51,671	70,000
Price differential (\$/MMBtu)	\$0.30	\$0.30	\$0.30

(a) Subsequent to September 30, 2017, the Company entered into additional swap contracts for 70,000 MMBtu per day of April through December 2018 production with a price of \$3.00 per MMBtu.

(b) Represent swap contracts that fix the basis differentials between the index price at which the Company sells its Mid-Continent gas and the HH index price used in collar contracts with short puts.

Represent swap contracts that fix the basis differentials between Permian Basin index prices and southern California index prices for Permian Basin gas forecasted for sale in southern California. Subsequent to September (c)30, 2017, the Company entered into additional basis swap contracts for (i) 20,000 MMBtu per day of November 2017 through March 2018 production with a price of \$0.49 per MMBtu and (ii) 10,000 MMBtu per day of 2019 production with a price of \$0.32 per MMBtu.

Marketing derivatives. Periodically, the Company enters into buy and sell marketing arrangements to fulfill firm pipeline transportation commitments. Associated with these marketing arrangements, the Company may enter into index swaps that mitigate price risk. As of September 30, 2017, the Company was party to (i) oil index swap contracts for 10,000 Bbls per day of November and December 2017 transportation commitments with a price differential of \$4.18 per Bbl between NYMEX WTI and Louisiana Light Sweet oil ("LLS") and (ii) oil index swap contracts for 10,000 Bbls per day of January through August 2018 transportation commitments with a price differential of \$3.18 per Bbl between NYMEX WTI and LLS.

Interest rate derivative activities. As of September 30, 2017, the Company was party to interest rate derivative contracts whereby the Company will receive the three-month LIBOR rate for the 10-year period from December 2017 through December 2027 in exchange for paying a fixed interest rate of 1.81 percent on a notional amount of \$100 million on December 15, 2017. Subsequent to September 30, 2017, the Company liquidated its interest rate derivative contracts for cash proceeds of \$5 million.

Tabular disclosure of derivative financial instruments. All of the Company's derivatives are accounted for as non-hedge derivatives as of September 30, 2017 and December 31, 2016, and therefore all changes in the fair values of its derivative contracts are recognized as gains or losses in the earnings of the periods in which they occur. The

Company classifies the fair value amounts of derivative assets and liabilities as net current or noncurrent derivative assets or net current or noncurrent derivative liabilities, whichever the case may be, by commodity and counterparty. The Company enters into derivatives under master netting arrangements, which, in an event of default, allows the Company to offset payables to and receivables from the defaulting counterparty.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

The aggregate fair value of the Company's derivative instruments reported in the accompanying consolidated balance sheets by type and counterparty, including the classification between current and noncurrent assets and liabilities, consists of the following:

## Fair Value of Derivative Instruments as of September 30, 2017

Type	Consolidated Balance Sheet Location	Gross Amounts Fair Offset in the Value Consolidated Balance Sheet	Net Fair Value Presented in the Consolidated Balance Sheet
(in millions)			
Derivatives not designated as hedging instruments			
Asset Derivatives:			
Commodity price derivatives	Derivatives - current	\$50 \$ (12 )	\$ 38
Interest rate derivatives	Derivatives - current	\$5 \$ —	5
Commodity price derivatives	Derivatives - noncurrent	\$10 \$ (3 )	7
			\$ 50
Liability Derivatives:			
Commodity price derivatives	Derivatives - current	\$29 \$ (12 )	\$ 17
Commodity price derivatives	Derivatives - noncurrent	\$15 \$ (3 )	12
			\$ 29

## Fair Value of Derivative Instruments as of December 31, 2016

Type	Consolidated Balance Sheet Location	Gross Amounts Fair Offset in the Value Consolidated Balance Sheet	Net Fair Value Presented in the Consolidated Balance Sheet
(in millions)			
Derivatives not designated as hedging instruments			
Asset Derivatives:			
Commodity price derivatives	Derivatives - current	\$33 \$ (25 )	\$ 8
Interest rate derivatives	Derivatives - current	\$6 \$ —	6
			\$ 14
Liability Derivatives:			
Commodity price derivatives	Derivatives - current	\$102 \$ (25 )	\$ 77
Commodity price derivatives	Derivatives - noncurrent	\$7 \$ —	7
			\$ 84

The Company uses credit and other financial criteria to evaluate the credit standing of, and to select, counterparties to its derivative instruments. Although the Company does not obtain collateral or otherwise secure the fair value of its derivative instruments, associated credit risk is mitigated by the Company's credit risk policies and procedures. The following table details the location of gains and losses recognized on the Company's derivative contracts in the accompanying consolidated statements of operations:

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Derivatives Not Designated as Location of Gain / (Loss) Recognized in Earnings		Three Months Ended September 30,		Nine Months Ended September 30,	
		2017	2016	2017	2016
Hedging Instruments	on Derivatives	(in millions)			
Commodity price derivatives	Derivative gains (losses), net	\$(133)	\$ 91	\$154	\$(87)
Interest rate derivatives	Derivative gains (losses), net	—	—	(1 )	(8 )
Total		\$(133)	\$ 91	\$153	\$(95)

19

---

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

## NOTE F. Exploratory Costs

The Company capitalizes exploratory well and project costs until a determination is made that the well or project has either found proved reserves, is impaired or is sold. The Company's capitalized exploratory well and project costs are presented in proved properties in the accompanying consolidated balance sheets. If the exploratory well or project is determined to be impaired, the impaired costs are charged to exploration and abandonments expense.

The following table reflects the Company's capitalized exploratory well and project activity during the three and nine months ended September 30, 2017:

	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2017
	(in millions)	
Beginning capitalized exploratory well costs	\$443	\$ 323
Additions to exploratory well costs pending the determination of proved reserves	474	1,369
Reclassification due to determination of proved reserves	(482 )	(1,247 )
Exploratory well costs charged to exploration and abandonment expense	(1 )	(11 )
Ending capitalized exploratory well costs	\$434	\$ 434

The following table provides an aging as of September 30, 2017 and December 31, 2016 of capitalized exploratory costs and the number of projects for which exploratory well costs have been capitalized for a period greater than one year, based on the date drilling was completed:

	September 30, 2017	December 31, 2016
	(in millions, except well counts)	
Capitalized exploratory well costs that have been suspended:		
One year or less	\$422	\$ 318
More than one year	12	5
	\$434	\$ 323
Number of wells or projects with exploratory well costs that have been suspended for a period greater than one year	7	3

The seven wells that were suspended for a period greater than one year as of September 30, 2017 are in the Eagle Ford Shale area. The Company expects to complete all seven of these wells in 2018.

## NOTE G. Long-term Debt

Credit facility. The Company's long-term debt consists of senior notes, a revolving corporate credit facility (the "Credit Facility") and the effects of issuance costs and discounts. The Credit Facility is maintained with a syndicate of financial institutions and has aggregate loan commitments of \$1.5 billion that expire in August 2020. As of September 30, 2017, the Company had no outstanding borrowings under the Credit Facility and was in compliance with its debt covenants.

Senior notes. The Company's 6.65% senior notes (the "6.65% Senior Notes") and 5.875% senior notes (the "5.875% Senior Notes") matured and were repaid in March 2017 and July 2016, respectively. The Company funded both the \$485 million repayment of the 6.65% Senior Notes and the \$455 million repayment of the 5.875% Senior Notes with

cash on hand. The Company's 6.875% senior notes (the "6.875% Senior Notes"), with an outstanding debt principal balance of \$450 million, will mature in May 2018. The 6.875% Senior Notes are classified as current in the accompanying consolidated balance sheets as of September 30, 2017.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

## NOTE H. Incentive Plans

Stock-based compensation. For the three and nine months ended September 30, 2017, the Company recorded \$21 million and \$78 million, respectively, of stock-based compensation expense for all plans, as compared to \$31 million and \$84 million for the same respective periods in 2016. As of September 30, 2017, there was \$113 million of unrecognized stock-based compensation expense related to unvested share-based compensation plans, including \$24 million attributable to stock-based awards that are expected to be settled on their vesting date in cash, rather than in equity shares ("Liability Awards"). The unrecognized compensation expense will be recognized on a straight-line basis over the remaining vesting periods of the awards, which is a period of less than three years on a weighted average basis. As of September 30, 2017 and December 31, 2016, accounts payable – due to affiliates included \$13 million and \$22 million, respectively, of liabilities attributable to Liability Awards.

The following table summarizes the activity that occurred during the nine months ended September 30, 2017 for restricted stock awards and performance units issued by Pioneer:

	Restricted Stock Equity Awards	Restricted Stock Liability Awards	Performance Units
Outstanding as of December 31, 2016	1,077,227	290,552	178,556
Awards granted	332,635	118,003	59,044
Awards forfeited	(31,426 )	(15,956 )	—
Awards vested	(454,898 )	(134,381 )	—
Outstanding as of September 30, 2017	923,538	258,218	237,600

As of September 30, 2017 and December 31, 2016, the Company also had 159,378 stock options outstanding and exercisable. There were no stock options exercised during the nine months ended September 30, 2017.

## NOTE I. Asset Retirement Obligations

The Company's asset retirement obligations primarily relate to the future plugging and abandonment of wells and related facilities. The following table summarizes the Company's asset retirement obligation activity during the three and nine months ended September 30, 2017 and 2016:

	Three Months Ended September 30, 2017		Nine Months Ended September 30, 2016	
	2017	2016	2017	2016
	(in millions)			
Beginning asset retirement obligations	\$294	\$281	\$297	\$285
Liabilities assumed in acquisitions	—	3	—	3
New wells placed on production	—	—	2	—
Changes in estimates	—	—	7	—
Dispositions	—	—	(7 )	—
Liabilities settled	(7 )	(8 )	(21 )	(21 )
Accretion of discount	5	5	14	14
Ending asset retirement obligations	\$292	\$281	\$292	\$281

The Company records the current and noncurrent portions of asset retirement obligations in other current liabilities and other liabilities, respectively, in the accompanying consolidated balance sheets. As of September 30, 2017 and



December 31, 2016, the current portion of the Company's asset retirement obligations was \$42 million and \$39 million, respectively.

NOTE J. Commitments and Contingencies

In addition to the legal action described below, the Company is a party to other proceedings and claims incidental to its business. While many of these matters involve inherent uncertainty, the Company believes that the amount of the liability, if any, ultimately incurred with respect to such proceedings and claims will not have a material adverse effect on the Company's financial

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

position as a whole or on its liquidity, capital resources or future annual results of operations. The Company records reserves for contingencies when information available indicates that a loss is probable and the amount of the loss can be reasonably estimated.

U.S. Environmental Protection Agency ("EPA") potential enforcement action. The Company has been advised by the EPA that the agency is considering an enforcement action against the Company and may seek monetary sanctions for alleged failures to prevent emissions occurring at the Company's Fain gas plant in the West Panhandle region of Texas on five separate occasions. The Company has asserted defenses to the EPA's allegations and is in discussions with the EPA regarding these matters. Although the Company cannot predict the outcome of these discussions with any certainty, the Company believes such monetary sanctions will not exceed \$45,000 for any single event, but could exceed \$100,000 in the aggregate.

Obligations following divestitures. In connection with its divestiture transactions, the Company may retain certain liabilities and provide the purchaser certain indemnifications, subject to defined limitations, which may apply to identified pre-closing matters, including matters of litigation, environmental contingencies, royalty obligations and income taxes. The Company does not believe these obligations are probable of having a material impact on its liquidity, financial position or future results of operations.

Lease agreements. In June 2017, the Company entered into a 20-year operating lease for the Company's new corporate headquarters that is currently being constructed in Irving, Texas. Annual base rent is expected to be \$33 million and lease payments are expected to commence once the building is complete, which is anticipated to occur during the second half of 2019. The Company has a variable equity interest in the entity that is constructing the building. The Company is not the primary beneficiary of the variable interest entity and only has a profit sharing interest after certain economic returns are achieved. The Company has no exposure to the variable interest entity's losses or future liabilities, if any. The Company is the deemed owner of the building (for accounting purposes) during the construction period and is following the build-to-suit accounting guidance. Accordingly, as of September 30, 2017, the Company has capitalized \$36 million of construction costs within other property and equipment and has recognized a corresponding build-to-suit lease liability. The recording of these assets and liabilities are considered noncash investing and financing items, respectively, for purposes of the consolidated statements of cash flows.

NOTE K. Interest and Other Income

The following table provides the components of the Company's interest and other income for the three and nine months ended September 30, 2017 and 2016:

	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2016	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2016
	(in millions)			
Interest income	\$9	\$ 5	\$ 25	\$ 14
Severance and sales tax refunds	5	—	13	—
Deferred compensation plan income	1	—	3	2
Other income	2	2	3	5
Total interest and other income	\$17	\$ 7	\$ 44	\$ 21

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

## NOTE L. Other Expense

The following table provides the components of the Company's other expense for the three and nine months ended September 30, 2017 and 2016:

	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2016	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2016
	(in millions)			
Transportation commitment charges (a)	\$45	\$27	\$127	\$77
Loss from vertical integration services (b)	—	17	11	46
Idle drilling and well service equipment charges (c)	—	10	—	57
Other	13	15	38	43
Total other expense	\$58	\$69	\$176	\$223

(a) Primarily represents firm transportation payments on excess pipeline capacity commitments.

Loss from vertical integration services primarily represents net margins (attributable to third party working interest owners) that result from Company-provided fracture stimulation and well service operations, which are ancillary to and supportive of the Company's oil and gas joint operating activities, and do not represent intercompany

(b) transactions. For the three and nine months ended September 30, 2017, these vertical integration net margins included \$42 million and \$84 million, respectively, of revenues and \$42 million and \$95 million, respectively, of costs and expenses. For the same respective periods in 2016, these vertical integration net margins included \$19 million and \$144 million of revenues and \$36 million and \$190 million of costs and expenses.

(c) Primarily represents expenses attributable to idle drilling rig fees that are not chargeable to joint operations and charges to terminate rig contracts that were not required to meet planned drilling activities.

## NOTE M. Income Taxes

The Company's income tax benefit (provision) consisted of the following for the three and nine months ended September 30, 2017 and 2016:

	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2016	Three Months Ended September 30, 2017	Nine Months Ended September 30, 2016
	(in millions)			
Current tax benefit	\$—	\$22	\$—	\$22
Deferred tax benefit (provision)	11	56	(79)	340
Income tax benefit (provision)	\$11	\$78	\$(79)	\$362

For the three and nine months ended September 30, 2017, the Company's effective tax rate, excluding income attributable to noncontrolling interests, was 34 percent and 32 percent, respectively, as compared to an effective rate of 140 percent and 41 percent for the same respective periods in 2016. The Company's effective tax rate for the nine months ended September 30, 2017 differs from the U.S. statutory rate of 35 percent primarily due to recognizing excess tax benefits of \$8 million associated with the adoption of ASU 2016-09, "Improvements to Employee Share-Based Payment Accounting," which requires excess tax benefits or deficiencies associated with the vesting of

long-term incentive awards to be recorded as income tax expense or benefit in the statement of operations rather than as an adjustment to additional paid-in capital in the balance sheet. The Company's effective tax rates for the three and nine months ended September 30, 2016 differ from the U.S. statutory rate of 35 percent primarily due to recognizing research and experimental expenditure credits of \$59 million during the three months ended September 30, 2016. The Company recognizes the tax benefit from an uncertain tax position only if it is more likely than not that the tax position will be sustained upon examination by the taxing authorities based upon the technical merits of the position. As of September 30, 2017 and December 31, 2016, the Company had unrecognized tax benefits of \$123 million and \$112 million, respectively, resulting from research and experimental expenditures related to horizontal drilling and completions innovations. If all or a portion of the unrecognized tax benefit is sustained upon examination by the taxing authorities, the tax benefit will be recognized as a reduction to the Company's deferred tax liability and will affect the Company's effective tax rate in the period it is recognized. The Company expects to substantially resolve the uncertainties associated with the unrecognized tax benefit by December 2018.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY  
 NOTES TO CONSOLIDATED FINANCIAL STATEMENTS  
 September 30, 2017  
 (Unaudited)

The Company files income tax returns in the U.S. federal and various state and foreign jurisdictions. The Internal Revenue Service has closed examinations of the 2012 and prior tax years and, with few exceptions, the Company believes that it is no longer subject to examinations by state and foreign tax authorities for years before 2011. As of September 30, 2017, no adjustments had been proposed in any jurisdiction that would have a significant effect on the Company's liquidity, future results of operations or financial position.

## NOTE N. Net Income (Loss) Per Share

The following table reconciles the Company's net income (loss) attributable to common stockholders to basic and diluted net income (loss) attributable to common stockholders for the three and nine months ended September 30, 2017 and 2016:

	Three		Nine Months	
	Months		Months	
	Ended		Ended	
	September	September	September	September
	30,	30,	30,	30,
	2017	2016	2017	2016
	(in millions)			
Net income (loss) attributable to common stockholders	\$(23)	\$ 22	\$168	\$(513)
Participating share-based earnings	—	—	(1)	—
Basic and diluted net income (loss) attributable to common stockholders	\$(23)	\$ 22	\$167	\$(513)

Basic and diluted weighted average common shares outstanding were 170 million for both the three and nine months ended September 30, 2017, as compared to 170 million and 165 million for the same respective periods in 2016.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations  
Financial and Operating Performance

The Company's financial and operating performance for the three months ended September 30, 2017 included the following highlights:

Net loss attributable to common stockholders for the three months ended September 30, 2017 was \$23 million (\$0.13 per diluted share), as compared to net income of \$22 million (\$0.13 per diluted share) for the same period in 2016.

The primary components of the decrease in net income attributable to common stockholders include:

a \$224 million decrease in net derivative gains, primarily as a result of changes in forward commodity prices and the Company's portfolio of derivatives;

a \$67 million decrease in the Company's income tax benefit, primarily as a result of the tax credits recognized during the three months ended September 30, 2016 associated with research and experimental expenditures related to horizontal drilling and completions innovations; and

a \$32 million increase in total oil and gas production costs and production and ad valorem taxes as a result of a 15 percent increase in sales volumes and a 15 percent increase in average realized commodity prices per BOE; offset by a \$212 million increase in oil and gas revenues, primarily due to the aforementioned increase in sales volumes and commodity prices;

a \$31 million decrease in DD&A expense, primarily attributable to (i) commodity price increases and the Company's cost reduction initiatives, both of which had the effect of adding proved reserves by lengthening the economic lives of the Company's producing wells and (ii) additions to proved reserves attributable to the Company's successful Spraberry/Wolfcamp horizontal drilling program; and

a \$13 million decrease in interest expense, primarily due to the repayment of both the Company's 6.65% senior notes, which matured in March 2017, and the Company's 5.875% senior notes, which matured in July 2016.

During the three months ended September 30, 2017, average daily sales volumes increased by 15 percent to 275,711 BOEPD, as compared to 238,878 BOEPD during the same period in 2016. The increase in average daily sales volumes for the three months ended September 30, 2017, as compared to the same period in 2016, is primarily due to the Company's successful Spraberry/Wolfcamp horizontal drilling program.

Average oil, NGL and gas prices increased during the three months ended September 30, 2017 to \$45.35 per Bbl, \$18.96 per Bbl and \$2.58 per Mcf, respectively, as compared to \$41.44 per Bbl, \$12.46 per Bbl and \$2.43 per Mcf, respectively, for the same period in 2016.

Net cash provided by operating activities increased to \$455 million for the three months ended September 30, 2017, as compared to \$441 million for the same period in 2016. The \$14 million increase in net cash provided by operating activities for the three months ended September 30, 2017, as compared to the same period in 2016, is primarily due to increases in the Company's oil and gas revenues as a result of increases in commodity prices and sales volumes, partially offset by a \$156 million reduction in cash provided by commodity derivatives.

As of September 30, 2017, the Company's net debt to book capitalization was five percent, as compared to two percent at December 31, 2016.

Fourth Quarter 2017 Outlook

Based on current estimates, the Company expects the following operating and financial results for the quarter ending December 31, 2017:

Production is forecasted to average 292,000 to 302,000 BOEPD.

Production costs (including production and ad valorem taxes and transportation costs) are expected to average \$7.50 to \$9.50 per BOE based on current NYMEX strip commodity prices. DD&A expense is expected to average \$13.50 to \$15.50 per BOE.

Total exploration and abandonment expense is expected to be \$20 million to \$30 million. General and administrative expense is expected to be \$80 million to \$85 million. Interest expense is expected to be \$34 million to \$39 million, and other expense is expected to be \$60 million to \$70 million. Other expense is expected to include (i) \$45 million to \$55 million of charges associated



Table of Contents

## PIONEER NATURAL RESOURCES COMPANY

with excess firm gathering and transportation commitments and (ii) other miscellaneous charges. Accretion of discount on asset retirement obligations is expected to be \$4 million to \$7 million.

The Company's effective income tax rate is expected to range from 35 percent to 40 percent. Current income taxes are expected to be less than \$5 million.

## Operations and Drilling Highlights

The following table summarizes the Company's average daily oil, NGL, gas and total production by asset area during the nine months ended September 30, 2017:

	Oil (Bbls)	NGLs (Bbls)	Gas (Mcf)	Total (BOE)
Permian Basin	141,428	42,168	188,587	215,027
South Texas - Eagle Ford Shale	7,033	6,758	41,776	20,753
Raton Basin	—	—	89,220	14,870
West Panhandle	1,743	3,391	6,197	6,167
South Texas - Other	1,230	201	18,370	4,493
Other	4	1	56	15
Total	151,438	52,519	344,206	261,325

The Company's liquids production increased to 78 percent of total production on a BOE basis for the nine months ended September 30, 2017, as compared to 75 percent for the same period last year.

The following table summarizes by geographic area the Company's finding and development costs incurred during the nine months ended September 30, 2017:

	Acquisition Costs	Exploration Costs	Development Costs	Total
	Proved	Unproved		
	(in millions)			
Permian Basin	\$7	\$ 125	\$ 1,349	\$ 403
South Texas - Eagle Ford Shale	—	—	67	26
Raton Basin	—	—	—	2
West Panhandle	—	—	1	6
South Texas - Other	—	—	—	5
Other	—	—	4	—
Total	\$7	\$ 125	\$ 1,421	\$ 442

The following table summarizes the Company's development and exploration/extension drilling activities for the nine months ended September 30, 2017:

	Development Drilling			
	Beginning Wells in Progress	Wells Spud in Progress	Successful Wells	Ending Wells in Progress
Permian Basin	8	15	6	17
South Texas - Eagle Ford Shale	4	1	5	—
South Texas - Other	—	2	—	2
Total	12	18	11	19

	Exploration/Extension Drilling				
	Beginning Wells in Progress	Wells Spud in Progress	Successful Wells	Unsuccessful Wells	Ending Wells in Progress
Permian Basin	119	163	150	1	131
South Texas - Eagle Ford Shale	14	10	6	1	17
Total	133	173	156	2	148





Table of Contents

PIONEER NATURAL RESOURCES COMPANY

Permian Basin area. During 2017, the Company expected to place approximately 260 horizontal wells on production, weighted heavily to the second half of the year. However, due to unforeseen drilling delays during the first half of the year, the Company revised this forecast during the second quarter of 2017 and now expects to place approximately 230 horizontal wells on production (190 horizontal wells in the northern portion of the play and 40 horizontal wells in the southern portion of the play). During 2017, approximately 55 percent of the horizontal wells are planned to be drilled in the Wolfcamp B interval, 30 percent in the Wolfcamp A interval and 15 percent in the Lower Spraberry Shale interval. During the first nine months of 2017, the Company successfully completed 137 horizontal wells in the northern portion of the play and 19 horizontal wells in the southern portion of the play. In the northern portion of the play, approximately 45 percent of wells placed on production were Wolfcamp B interval wells, approximately 40 percent were Wolfcamp A interval wells and the remaining 15 percent were Lower Spraberry Shale wells. The majority of wells placed on production in the southern portion of the play were Wolfcamp B interval wells. The Company continues to utilize its integrated services to control well costs and operating costs in addition to supporting the execution of its drilling and production activities in the Spraberry/Wolfcamp field. During the three months ended September 30, 2017, the Company utilized up to seven of its eight Company-owned fracture stimulation fleets to support its drilling operations in the Spraberry/Wolfcamp field. The Company also owns other field service equipment that supports its drilling and production operations, including pulling units, fracture stimulation tanks, water transport trucks, hot oilers, blowout preventers, construction equipment and fishing tools. In addition, Pioneer Sands LLC (the Company's wholly-owned sand mining subsidiary) is supplying high-quality brown sand for proppant, which is being used to fracture stimulate horizontal wells in the Spraberry and Wolfcamp Shale intervals.

The Company has been and continues to pursue initiatives to improve drilling and completion efficiencies and reduce costs. The Company's long-term growth plan also continues to focus on optimizing the development of the field and addressing the future requirements for water sourcing and disposal, field infrastructure, gas processing, sand, pipeline takeaway capacity for its products, oilfield services, tubulars, electricity, buildings, roads and labor.

The Company is constructing a field-wide water distribution system to reduce the cost of water for drilling and completion activities and to ensure that adequate supplies of water are available to support the Company's long-term growth plan for the Spraberry/Wolfcamp field. During 2017 the Company has expanded its mainline system, subsystems and frac ponds to efficiently deliver water to Pioneer's drilling locations. The Company signed an agreement with the city of Midland to upgrade the city's wastewater treatment plant in return for a dedicated long-term supply of water from the plant. The 2017 program includes \$10 million of engineering capital to begin work on this upgrade. Pioneer expects to spend approximately \$110 million over the 2017 through 2019 period for the Midland plant upgrade. In return, the Company will receive approximately two billion barrels of low-cost, non-potable water over a 28-year contract period (up to 240 thousand barrels per day) to support its completion operations.

The Company's sand mine in Brady, Texas, which is strategically located within close proximity (approximately 190 miles) of the Spraberry/Wolfcamp field, provides a secure sand source for the Company's horizontal drilling program. During 2017 the Company completed an optimization project of its existing sand mining facilities that improved yields and reduced the Company's overall cost of sand supplies.

Eagle Ford Shale area. During 2017, the Company operated two rigs in the Eagle Ford Shale area and drilled 11 new Eagle Ford wells. The objective of this drilling program was to test longer laterals with wider spacing and higher intensity completions in the new wells. The Company's 2017 completion plans included completing the 11 new Eagle Ford Shale wells and nine wells that were drilled but not completed in 2016. All nine of the wells that were drilled but not completed in 2016 and two of the 11 wells drilled in 2017 were placed on production during the nine months ended September 30, 2017. The remaining nine wells are expected to be placed on production during the three months ended December 31, 2017.

West Panhandle area. During the three months ended September 30, 2017, the Company experienced unplanned downtime due to a fire at a third-party gas processing plant, where liquids-rich gas from the Company's West Panhandle field is processed into gas and NGLs. As a result of the fire, West Panhandle field production was shut in. Repairs to the plant are underway, but it is expected to be several months before the plant can be placed back into

service. As a result, the third party and Pioneer have made modifications to their respective facilities to enable field production to resume, with the gas volumes being rerouted to another gas processing facility operated by the third party. Production from the field resumed in late October.

Table of Contents

## PIONEER NATURAL RESOURCES COMPANY

## Results of Operations

Oil and gas revenues. Oil and gas revenues totaled \$855 million and \$2.4 billion for the three and nine months ended September 30, 2017, respectively, as compared to \$643 million and \$1.7 billion for the same respective periods in 2016.

The increase in oil and gas revenues during the three months ended September 30, 2017, as compared to the same period in 2016, is primarily due to increases of nine percent, 52 percent and six percent in oil, NGL and gas prices, respectively, and increases of 20 percent, 16 percent and two percent in daily oil, NGL and gas sales volumes, respectively. The increase in oil and gas revenues during the nine months ended September 30, 2017, as compared to the same period in 2016, is primarily due to increases of 25 percent, 49 percent and 36 percent in oil, NGL and gas prices, respectively, and increases of 16 percent and 21 percent in daily oil and NGL sales volumes, respectively. The following table provides average daily sales volumes for the three and nine months ended September 30, 2017 and 2016:

	Three Months		Nine Months	
	Ended	Ended	Ended	Ended
	September 30,	September 30,	September 30,	September 30,
	2017	2016	2017	2016
Oil (Bbls)	161,634	134,240	151,438	130,602
NGLs (Bbls)	57,346	49,235	52,519	43,252
Gas (Mcf)	340,384	332,415	344,206	343,828
Total (BOEs)	275,711	238,878	261,325	231,158

Average daily BOE sales volumes increased by 15 percent and 13 percent for the three and nine months ended September 30, 2017, respectively, as compared to the same respective periods in 2016, principally due to the Company's successful Spraberry/Wolfcamp horizontal drilling program.

The oil, NGL and gas prices that the Company reports are based on the market prices received for each commodity. The following table provides the Company's average prices for the three and nine months ended September 30, 2017 and 2016:

	Three Months		Nine Months	
	Ended	Ended	Ended	Ended
	September 30,	September 30,	September 30,	September 30,
	2017	2016	2017	2016
Oil (per Bbl)	\$45.35	\$41.44	\$46.41	\$37.27
NGL (per Bbl)	\$18.96	\$12.46	\$18.38	\$12.37
Gas (per Mcf)	\$2.58	\$2.43	\$2.66	\$1.96
Total (per BOE)	\$33.72	\$29.24	\$34.10	\$26.29

Sales of purchased oil and gas. The Company periodically enters into pipeline capacity commitments in order to secure available oil, NGL and gas transportation capacity from the Company's areas of production. The Company enters into purchase transactions with third parties and separate sale transactions with third parties to diversify a portion of the Company's WTI oil sales to a Gulf Coast market price and to satisfy unused pipeline capacity commitments. Revenues and expenses from these transactions are presented on a gross basis as the Company acts as a principal in the transaction by assuming both the risk and rewards of ownership, including credit risk, of the commodities purchased and the responsibility to deliver the commodities sold. The net effect of third party purchases and sales of oil and gas for the three and nine months ended September 30, 2017 was a loss of \$14 million and \$47 million, respectively, as compared to a loss of \$14 million and \$51 million for the same respective periods in 2016. Firm transportation payments on excess pipeline capacity commitments are included in other expense in the accompanying consolidated statements of operations. See Note L of Notes to Consolidated Financial Statements included in "Item 1. Financial Statements" for additional information on transportation commitment charges.

Interest and other income. Interest and other income for the three and nine months ended September 30, 2017 was \$17 million and \$44 million, respectively, as compared to \$7 million and \$21 million for the same respective periods

in 2016. The increase in interest and other income during the three and nine months ended September 30, 2017, as compared to the same respective periods in 2016, was primarily due to (i) increases of \$4 million and \$11 million for the three and nine months ended September 30, 2017, respectively, in interest income on short-term and long-term investments and (ii) severance and sales tax refunds of \$5 million and \$13 million for the three and nine months ended September 30, 2017, respectively. See Note K of Notes to Consolidated Financial Statements included in "Item 1. Financial Statements" for additional information.

28

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Table of Contents

## PIONEER NATURAL RESOURCES COMPANY

Derivative gains (losses), net. The Company utilizes commodity swap contracts, collar contracts and collar contracts with short puts to (i) reduce the effect of price volatility on the commodities the Company produces and sells or consumes, (ii) support the Company's annual capital budgeting and expenditure plans and (iii) reduce commodity price risk associated with certain capital projects. During the three and nine months ended September 30, 2017, the Company recorded \$133 million of net derivative losses and \$153 million of net derivative gains, respectively, on commodity price, diesel price and interest rate derivatives, of which \$28 million and \$62 million, respectively, represented net cash receipts. During the three and nine months ended September 30, 2016, the Company recorded \$91 million of net derivative gains and \$95 million of net derivative losses, respectively, on commodity price, diesel price and interest rate derivatives, of which \$184 million and \$533 million, respectively, represented net cash receipts. The following tables detail the net cash receipts (payments) on the Company's commodity derivatives and the relative price impact (per Bbl or Mcf) for the three and nine months ended September 30, 2017 and 2016:

	Three Months Ended September 30, 2017		Nine Months Ended September 30, 2017	
	Net cash receipts (payments) (in millions)		Net cash receipts (payments) (in millions)	
	Price impact		Price impact	
Oil derivative receipts	\$29	\$1.94 per Bbl	\$61	\$1.48 per Bbl
NGL derivative payments	(2)	\$(0.27) per Bbl	(1)	\$(0.08) per Bbl
Gas derivative receipts	1	\$0.04 per Mcf	1	\$0.01 per Mcf
Total net commodity derivative receipts	\$28		\$61	
	Three Months Ended September 30, 2016		Nine Months Ended September 30, 2016	
	Net cash receipts (in millions)		Net cash receipts (in millions)	
	Price impact		Price impact	
Oil derivative receipts	\$168	\$13.59 per Bbl	\$471	\$13.16 per Bbl
NGL derivative receipts	2	\$0.40 per Bbl	6	\$0.54 per Bbl
Gas derivative receipts	14	\$0.48 per Mcf	56	\$0.59 per Mcf
Total net commodity derivative receipts	\$184		\$533	

The Company's open derivative contracts are subject to continuing market risk. See Note E of Notes to Consolidated Financial Statements included in "Item 1. Financial Statements" and "Item 3. Quantitative and Qualitative Disclosures About Market Risk" for additional information regarding the Company's derivative contracts.

Gain on disposition of assets, net. The Company recorded net gains on the disposition of assets of nil and \$205 million for the three and nine months ended September 30, 2017, respectively, as compared to \$1 million and \$4 million for the same respective periods in 2016. For the nine months ended September 30, 2017, the Company's gain on disposition of assets is primarily due to a gain of \$194 million recognized on the sale of approximately 20,500 acres in the Martin County region of the Permian Basin. See Note C of Notes to Consolidated Financial Statements included in "Item 1. Financial Statements" for additional information regarding the Company's gain on disposition of assets.

Oil and gas production costs. The Company recognized oil and gas production costs of \$152 million and \$440 million during the three and nine months ended September 30, 2017, respectively, as compared to \$141 million and \$438 million during the same respective periods in 2016. Lease operating expenses and workover costs represent the components of oil and gas production costs over which the Company has management control, while third-party transportation charges represent the cost to transport volumes produced to a sales point. Net natural gas

plant/gathering charges represent the net costs to gather and process the Company's gas, reduced by net revenues earned from gathering and processing of third-party gas in Company-owned facilities.

Total oil and gas production costs per BOE for the three and nine months ended September 30, 2017 decreased by six percent and 11 percent, respectively, as compared to the same respective periods in 2016. The decrease in lease operating expenses per BOE during the three and nine months ended September 30, 2017, as compared to the same respective periods in 2016, was primarily due to a greater proportion of the Company's production coming from horizontal wells in Spraberry/Wolfcamp area that have lower per BOE lease operating costs and cost reduction initiatives. The decrease in third-party transportation costs per BOE during the three and nine months ended September 30, 2017, as compared to the same respective periods in 2016, was due to a lower proportion of the Company's total production being subject to higher Eagle Ford Shale transportation costs. The net natural gas plant income per BOE during the three and nine months ended September 30, 2017, as compared to net natural gas plant charges for the same respective periods in 2016, is primarily reflective of increased earnings on third-party volumes that are

Table of Contents

## PIONEER NATURAL RESOURCES COMPANY

processed in Company-owned facilities due to higher NGL and gas prices. The increase in workover costs per BOE during the three and nine months ended September 30, 2017, as compared to the same respective periods in 2016, was primarily due to an increase in Permian vertical well workover activity due to the improvement in commodity prices. The following table provides the components of the Company's oil and gas production costs per BOE for the three and nine months ended September 30, 2017 and 2016:

	Three Months Ended September 30, 2017		Nine Months Ended September 30, 2016	
Lease operating expenses	\$4.48	\$4.72	\$4.74	\$5.03
Third-party transportation charges	0.80	1.31	0.87	1.51
Net natural gas plant (income) charges	(0.29 )	0.02	(0.25 )	0.07
Workover costs	1.02	0.37	0.80	0.30
Total production costs	\$6.01	\$6.42	\$6.16	\$6.91

Production and ad valorem taxes. The Company's production and ad valorem taxes were \$53 million and \$152 million during the three and nine months ended September 30, 2017, respectively, as compared to \$32 million and \$97 million for the same respective periods in 2016. In general, production and ad valorem taxes are directly related to commodity price changes; however, Texas ad valorem taxes are based upon prior year commodity prices, whereas production taxes are based upon current year commodity prices. The increase in production and ad valorem taxes per BOE for the three and nine months ended September 30, 2017, as compared to the same respective periods in 2016, is primarily due the increase in commodity prices and, for ad valorem tax purposes, the higher valuation attributable to the Company's successful Spraberry/Wolfcamp horizontal drilling program.

The following table provides the Company's production and ad valorem taxes per BOE for the three and nine months ended September 30, 2017 and 2016:

	Three Months Ended September 30, 2017		Nine Months Ended September 30, 2016	
Production taxes	\$1.54	\$1.07	\$1.52	\$1.03
Ad valorem taxes	0.56	0.36	0.61	0.50
Total production and ad valorem taxes	\$2.10	\$1.43	\$2.13	\$1.53

Depletion, depreciation and amortization expense. The Company's DD&A expense was \$355 million (\$14.01 per BOE) and \$1.0 billion (\$14.48 per BOE) for the three and nine months ended September 30, 2017, respectively, as compared to \$386 million (\$17.54 per BOE) and \$1.1 billion (\$17.73 per BOE) during the same respective periods in 2016. The change in per BOE DD&A expense during the three and nine months ended September 30, 2017, as compared to the same respective periods in 2016, is primarily due to a decrease in depletion expense per BOE on oil and gas properties.

Depletion expense on oil and gas properties was \$13.55 and \$13.99 per BOE during the three and nine months ended September 30, 2017, respectively, as compared to \$17.05 and \$17.21 per BOE during the same respective periods in 2016. The change in per BOE depletion expense during the three and nine months ended September 30, 2017, as compared to the same respective periods in 2016, is primarily due to (i) commodity price increases and cost reduction initiatives, both of which had the effect of adding proved reserves by lengthening the economic lives of the Company's producing wells and (ii) additions to proved reserves attributable to the Company's successful Spraberry/Wolfcamp horizontal drilling program.



Impairment of oil and gas properties. The Company performs assessments of its long-lived assets to be held and used, including oil and gas properties, whenever events or circumstances indicate that the carrying value of those assets may not be recoverable. To the extent such assessments indicate a reduction of the estimated useful life or estimated future cash flows of the Company's oil and gas properties, the carrying value may not be recoverable and therefore an impairment charge would be required to reduce the carrying value of the proved properties to their fair value.

The cash flow model the Company uses to assess proved properties for impairment includes numerous assumptions. The primary factors that may affect estimates of future cash flows are (i) future reserve adjustments, both positive and negative, to proved reserves and appropriate risk-adjusted probable and possible reserves, (ii) results of future drilling activities, (iii) Management's Price Outlook and (iv) increases or decreases in production costs and capital costs associated with those reserves. All inputs to the cash flow model are evaluated at each measurement date.

Table of Contents

## PIONEER NATURAL RESOURCES COMPANY

As a result of the Company's proved property impairment assessments, the Company recognized noncash impairment charges to reduce the carrying values of (i) the Raton field during the three months ended March 31, 2017 (\$285 million impairment charge) and (ii) its West Panhandle field during the three months ended March 31, 2016 (\$32 million impairment charge) to their estimated fair values. See Note D of Notes to Consolidated Financial Statements included in "Item 1. Financial Statements" for additional information regarding the Company's proved oil and gas property impairment charges.

Exploration and abandonments expense. The following table provides the Company's geological and geophysical costs, exploratory dry holes expenses and lease abandonments and other exploration expenses for the three and nine months ended September 30, 2017 and 2016:

	Three Months Ended September 30, 2017		Nine Months Ended September 30, 2016	
	(in millions)			
Geological and geophysical	\$ 17	\$ 18	\$ 59	\$ 55
Exploratory well costs	1	1	11	1
Leasehold abandonments and other	—	—	8	40
	\$ 18	\$ 19	\$ 78	\$ 96

The geological and geophysical expenses for the three and nine months ended September 30, 2017 and 2016 were primarily related to geological and geophysical personnel costs. During the nine months ended September 30, 2016, the Company incurred leasehold abandonments primarily related to the abandonment of unproved properties in the Permian Basin and unproved acreage in Alaska in which the Company held an overriding royalty interest.

During the nine months ended September 30, 2017, the Company drilled and evaluated 158 exploration/extension wells, 156 of which were successfully completed as discoveries. During the same period in 2016, the Company drilled and evaluated 150 exploration/extension wells, all of which were successfully completed as discoveries.

General and administrative expense. General and administrative expense for the three and nine months ended September 30, 2017 was \$81 million (\$3.18 per BOE) and \$245 million (\$3.44 per BOE), respectively, as compared to \$82 million (\$3.72 per BOE) and \$235 million (\$3.72 per BOE) for the same respective periods in 2016. The decrease in general and administrative expense per BOE during the three and nine months ended September 30, 2017, as compared to the same respective periods in 2016, was primarily due to increases of 15% and 13% in sales volumes during the three and nine months ended September 30, 2017, as compared to the same respective periods in 2016.

Accretion of discount on asset retirement obligations. Accretion of discount on asset retirement obligations was \$5 million and \$14 million for the three and nine months ended September 30, 2017, respectively, as compared to \$5 million and \$14 million for the same respective periods in 2016. See Note I of Notes to Consolidated Financial Statements in "Item 1. Financial Statements" for information regarding the Company's asset retirement obligations.

Interest expense. Interest expense was \$37 million and \$118 million for the three and nine months ended September 30, 2017, respectively, as compared to \$50 million and \$161 million for the same respective periods in 2016. The decrease in interest expense during the three and nine months ended September 30, 2017, as compared to the same respective periods in 2016, was primarily due to the repayment of both the Company's 6.65% Senior Notes, which matured in March 2017, and the Company's 5.875% Senior Notes that matured in July 2016. The weighted average interest rates on the Company's indebtedness for the three and nine months ended September 30, 2017, including the effects of capitalized interest, was 5.6 percent and 5.7 percent, respectively, as compared to 5.9 percent and 6.1 percent for the same respective periods in 2016.

Other expense. Other expense was \$58 million and \$176 million for the three and nine months ended September 30, 2017, respectively, as compared to \$69 million and \$223 million during the same respective periods in 2016. The decrease in other expense for the three months ended September 30, 2017, as compared to the same period in 2016,

was primarily due to (i) a decrease of \$17 million in net losses from Company-provided fracture stimulation and related service operations that are provided to third party working interest owners and (ii) a decrease of \$10 million in idle drilling and well service equipment charges, partially offset by (iii) an increase of \$18 million in unused firm transportation costs. The decrease in other expense for the nine months ended September 30, 2017, as compared to the same period in 2016, was primarily due to (i) a decrease of \$57 million in idle drilling and well service equipment charges and (ii) a decrease of \$35 million in net losses from Company-provided fracture stimulation and related service operations that are provided to third party working interest owners, partially offset by (iii) an increase of \$50 million in unused firm transportation costs.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY

The Company expects to continue to incur charges associated with excess firm gathering and transportation commitments until commodity prices improve, allowing the Company to increase its drilling activities, or the contractual obligations expire. Based on current drilling plans, the Company does not expect to incur any idle drilling rig charges. See Note L of Notes to Consolidated Financial Statements included in "Item 1. Financial Statements" for additional information.

Income tax benefit (provision). The Company recognized an income tax benefit of \$11 million and provision of \$79 million for the three and nine months ended September 30, 2017, respectively, as compared to an income tax benefit of \$78 million and \$362 million for the same respective periods in 2016. The Company's effective tax rate for the three and nine months ended September 30, 2017 was 34 percent and 32 percent, respectively, as compared to 140 percent and 41 percent for the same respective periods in 2016. The Company's effective tax rate for the nine months ended September 30, 2017 differs from the U.S. statutory rate of 35 percent primarily due to recognizing excess tax benefits of \$8 million during the nine months ended September 30, 2017 associated with the adoption of ASU 2016-09, "Improvements to Employee Share-Based Payment Accounting," which requires excess tax benefits or deficiencies associated with the vesting of long-term incentive awards to be recorded as income tax expense or benefit in the statement of operations rather than as an adjustment to additional paid-in capital in the balance sheet. The Company's effective tax rates for the three and nine ended September 30, 2016 differ from the U.S. statutory rate of 35 percent primarily due to recognizing research and experimental expenditure credits of \$59 million during the three months ended September 30, 2016.

As of September 30, 2017 and December 31, 2016, the Company had unrecognized tax benefits of \$123 million and \$112 million respectively, resulting from research and experimental expenditures related to horizontal drilling and completions innovations. If all or a portion of the unrecognized tax benefit is sustained upon examination by the taxing authorities, the tax benefit will be recognized as a reduction to the Company's deferred tax liability and will affect the Company's effective tax rate in the period it is recognized. The Company expects to substantially resolve the uncertainties associated with the unrecognized tax benefit by December 2018. See Note M of Notes to Consolidated Financial Statements included in "Item 1. Financial Statements" for additional information regarding the Company's income taxes.

Capital Commitments, Capital Resources and Liquidity

Capital commitments. The Company's primary needs for cash are for capital expenditures and acquisition expenditures on oil and gas properties and related vertical integration assets and facilities, payment of contractual obligations, including debt maturities, dividends and working capital obligations. Funding for these cash needs may be provided by any combination of internally-generated cash flow, cash and cash equivalents on hand, sales of short-term and long-term investments, proceeds from divestitures of nonstrategic assets or external financing sources as discussed in "Capital resources" below.

The Company's capital budget for 2017 is \$2.75 billion (excluding acquisitions, asset retirement obligations, capitalized interest, geological and geophysical administrative costs and information technology system upgrades), consisting of \$2.475 billion for drilling operations and \$275 million for water infrastructure, vertical integration and field facilities. The Company's capital expenditures during the nine months ended September 30, 2017 were \$2.1 billion, consisting of \$1.8 billion for drilling operations (excluding acquisitions, asset retirement obligations, capitalized interest and geological and geophysical administrative costs) and \$245 million for water infrastructure, vertical integration, system upgrades and other plant and equipment additions. Based on results for the nine months ended September 30, 2017 and Management's Price Outlook, the Company expects its net cash flows from operating activities, cash and cash equivalents on hand, sales of short-term and long-term investments, proceeds from divestitures of nonstrategic assets and, if necessary, availability under the Credit Facility to be sufficient to fund its planned capital expenditures, acquisitions and contractual obligations, including debt maturities.

Investing activities. Investing activities used \$1.3 billion of cash during the nine months ended September 30, 2017, as compared to \$3.5 billion during the nine months ended September 30, 2016. The decrease in cash used in investing activities during the nine months ended September 30, 2017, as compared to the same period in 2016, is primarily due to proceeds from the maturity of investments (commercial paper, corporate bonds and time deposits) of \$1.2 billion

during the nine months ended September 30, 2017, as compared to \$255 million during the same period in 2016, and investment purchases of \$845 million during the nine months ended September 30, 2017, as compared to \$2.3 billion during the same period in 2016. During the nine months ended September 30, 2017, the Company's expenditures for investing activities were primarily funded by net cash provided by operating activities.

Dividends/distributions. During February and August of 2017 and March and August of 2016, the Board declared semiannual dividends of \$0.04 per common share. Future dividends are at the discretion of the Board, and, if declared, the Board may change the current dividend amount based on the Company's liquidity and capital resources at the time. Contractual obligations, including off-balance sheet obligations. The Company's contractual obligations include long-term debt, operating leases, drilling commitments (primarily related to commitments to pay day rates for contracted drilling rigs), capital

Table of Contents

PIONEER NATURAL RESOURCES COMPANY

funding obligations, derivative obligations, firm transportation and fractionation commitments, minimum annual gathering, processing and transportation commitments and other liabilities (including postretirement benefit obligations).

From time-to-time, the Company enters into arrangements and transactions that can give rise to material off-balance sheet obligations of the Company. As of September 30, 2017, the material off-balance sheet arrangements and transactions that the Company had entered into included (i) operating lease agreements, (ii) drilling commitments, (iii) firm purchase, transportation and fractionation commitments, (iv) open purchase commitments and (v) contractual obligations for which the ultimate settlement amounts are not fixed and determinable. The contractual obligations for which the ultimate settlement amounts are not fixed and determinable include (i) derivative contracts that are sensitive to future changes in commodity prices or interest rates, (ii) gathering, processing (primarily treating and fractionation) and transportation commitments on uncertain volumes of future throughput, (iii) open delivery commitments and (iv) indemnification obligations following certain divestitures. Other than the off-balance sheet arrangements described above, the Company has no transactions, arrangements or other relationships with unconsolidated entities or other parties that are reasonably likely to materially affect the Company's liquidity or availability of or requirements for capital resources. The Company expects to enter into similar contractual arrangements in the future, including incremental derivative contracts and additional firm purchase and transportation arrangements, in order to support the Company's business plans.

There were no material changes to the Company's contractual obligations during the first nine months of 2017 other than the repayment of the Company's 6.65% Senior Notes in March 2017 and the commitment to a 20-year operating lease for the Company's new corporate headquarters in June 2017. Annual base rent is expected to be \$33 million and lease payments are expected to commence once the building is complete, which is anticipated to occur during the second half of 2019. See Note J of Notes to Consolidated Financial Statements included in "Item 1. Financial Statements" for additional information about the Company's operating lease for its new headquarters.

The Company's commodity and interest rate derivative contracts are periodically measured and recorded at fair value and continue to be subject to market and credit risk. As of September 30, 2017, these contracts represented net assets of \$21 million. The ultimate liquidation value of the Company's commodity and interest rate derivatives will be dependent upon actual future commodity prices and interest rates, which may differ materially from the inputs used to determine the derivatives' fair values as of September 30, 2017. See Note E of Notes to Consolidated Financial Statements included in "Item 1. Financial Statements" and "Item 3. Quantitative and Qualitative Disclosures About Market Risk" for additional information about the Company's derivative instruments and market risk.

Capital resources. The Company's primary capital resources are cash and cash equivalents, short-term and long-term investments, net cash provided by operating activities, proceeds from divestitures and proceeds from financing activities (principally borrowings under the Company's Credit Facility or issuances of debt or equity securities). If internal cash flows do not meet the Company's expectations, the Company may reduce its level of capital expenditures, and/or fund a portion of its capital expenditures (i) using cash on hand, (ii) through sales of short-term and long-term investments, (iii) with borrowings under the Company's Credit Facility, (iv) through issuances of debt or equity securities or (v) through other sources, such as sales of nonstrategic assets.

Operating activities. Net cash provided by operating activities during the nine months ended September 30, 2017 was \$1.3 billion, as compared to \$959 million during the same period in 2016. The increase in net cash provided by operating activities for the nine months ended September 30, 2017, as compared to the same period in 2016, is primarily due to increases in the Company's oil and gas revenues for the nine months ended September 30, 2017 as a result of increases in commodity prices and sales volumes, partially offset by a \$472 million reduction in cash provided by commodity derivatives during the nine months ended September 30, 2017, as compared to the same period in 2016.

Financing activities. Net cash used by financing activities during the nine months ended September 30, 2017 was \$521 million, as compared to net cash provided by financing activities of \$2.1 billion during the same period in 2016. The decrease in net cash provided by financing activities during the nine months ended September 30, 2017, as compared to the same period in 2016, is primarily due to the Company's issuance of 19.8 million shares of common

stock during 2016 for cash proceeds of \$2.5 billion.

As the Company pursues its strategy, it may utilize various financing sources, including fixed and floating rate debt, convertible securities, preferred stock or common stock. The Company cannot predict the timing or ultimate outcome of any such actions as they are subject to market conditions, among other factors. The Company may also issue securities in exchange for oil and gas properties, stock or other interests in other oil and gas companies or related assets. Additional securities may be of a class preferred to common stock with respect to such matters as dividends and liquidation rights and may also have other rights and preferences as determined by the Board.

Liquidity. The Company's principal sources of short-term liquidity are cash and cash equivalents, sales of short-term and long-term investments and unused borrowing capacity under its Credit Facility. As of September 30, 2017, the Company had no outstanding borrowings under its Credit Facility, leaving \$1.5 billion of unused borrowing capacity. The Company was in

Table of Contents

PIONEER NATURAL RESOURCES COMPANY

compliance with all of its debt covenants as of September 30, 2017. The Company also had cash on hand of \$636 million, short-term investments of \$1.4 billion and long-term investments of \$151 million as of September 30, 2017. If internal cash flows do not meet the Company's expectations, the Company may fund a portion of its capital expenditures using cash on hand, sales of short-term and long-term investments, availability under its Credit Facility, issuances of debt or equity securities or other sources, such as sales of nonstrategic assets and/or reduce its level of capital expenditures or reduce dividend payments. The Company cannot provide any assurance that needed short-term or long-term liquidity will be available on acceptable terms or at all. Although the Company expects that the combination of internal operating cash flows, cash and cash equivalents on hand, sales of short-term and long-term investments, proceeds from divestitures of nonstrategic assets and, if necessary, available capacity under the Company's Credit Facility will be adequate for the remainder of 2017 to fund planned capital expenditures, acquisitions, dividend payments and provide adequate liquidity to fund other needs, no assurances can be given that such funding sources will be adequate to meet the Company's future needs.

Debt ratings. The Company is rated as mid-investment grade by three credit rating agencies. The Company receives debt credit ratings from several of the major ratings agencies, which are subject to regular reviews. The Company believes that each of the rating agencies considers many factors in determining the Company's ratings including: (i) production growth opportunities, (ii) liquidity, (iii) debt levels, (iv) asset composition and (v) proved reserve mix. A reduction in the Company's debt ratings could increase the interest rates that the Company incurs on Credit Facility borrowings and could negatively impact the Company's ability to obtain additional financing or the interest rate, fees and other terms associated with such additional financing.

Book capitalization and current ratio. The Company's net book capitalization as of September 30, 2017 was \$11.2 billion, consisting of \$636 million of cash and cash equivalents, short-term and long-term investments of \$1.5 billion, debt of \$2.7 billion and equity of \$10.6 billion. The Company's net debt to net book capitalization increased to five percent as of September 30, 2017 from two percent as of December 31, 2016. The Company's ratio of current assets to current liabilities decreased to 1.69:1 as of September 30, 2017, as compared to 2.11:1 as of December 31, 2016, primarily due to the reclassification of the Company's 6.875% Senior Notes to a current liability.

New accounting pronouncements. The effects of new accounting pronouncements are discussed in Note B of Notes to Consolidated Financial Statements included in "Item 1. Financial Statements."



Table of Contents

## PIONEER NATURAL RESOURCES COMPANY

## Item 3. Quantitative and Qualitative Disclosures About Market Risk

The following quantitative and qualitative disclosures about market risk are supplementary to the quantitative and qualitative disclosures provided in the Company's Annual Report on Form 10-K for the year ended December 31, 2016. As such, the information contained herein should be read in conjunction with the related disclosures in the Company's Annual Report on Form 10-K for the year ended December 31, 2016.

The primary objective of the following information is to provide forward-looking quantitative and qualitative information about the Company's potential exposure to market risks. The term "market risks," insofar as it relates to currently anticipated transactions of the Company, refers to the risk of loss arising from changes in commodity prices and interest rates. These disclosures are not meant to be precise indicators of expected future losses, but rather indicators of reasonably possible losses. This forward-looking information provides indicators regarding how the Company views and manages ongoing market risk exposures. None of the Company's market risk sensitive instruments are entered into for speculative purposes.

The following table reconciles the changes that occurred in the fair values of the Company's open derivative contracts during the nine months ended September 30, 2017:

	Derivative Contract Net		
	Assets		
	Commodities	Interest Rates	Total
	(in millions)		
Fair value of contracts outstanding as of December 31, 2016	\$(76)	\$ 6	\$(70)
Changes in contract fair value	154	(1 )	153
Contract maturity receipts	(60 )	—	(60 )
Contract termination receipts	(2 )	—	(2 )
Fair value of contracts outstanding as of September 30, 2017	\$16	\$ 5	\$21

Interest rate sensitivity. See Note G of Notes to Consolidated Financial Statements included in "Item 1. Financial Statements" and Capital Commitments, Capital Resources and Liquidity included in "Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations" for information regarding the Company's long-term debt.

Table of Contents

## PIONEER NATURAL RESOURCES COMPANY

The following table provides information about financial instruments to which the Company was a party as of September 30, 2017 and that are sensitive to changes in interest rates. The table presents debt maturities by expected maturity dates, the weighted average interest rates expected to be paid on the debt given current contractual terms and market conditions and the aggregate estimated fair value of the Company's outstanding debt. For fixed rate debt, the weighted average interest rates represent the contractual fixed rates that the Company was obligated to periodically pay on the debt as of September 30, 2017. Although the Company had no outstanding variable rate debt as of September 30, 2017, the average variable contractual rates for its Credit Facility (that matures in August 2020) projected forward proportionate to the forward yield curve for LIBOR on October 30, 2017 is presented in the table below.

	Three Months Ending Year Ending December 31, December 31,						Asset (Liability) Fair Value at September 30,	
	2017	2018	2019	2020	2021	Thereafter	Total	2017
	(dollars in millions)							
Total Debt:								
Fixed rate principal maturities (a)	\$—	\$450	\$—	\$450	\$500	\$1,350	\$2,750	\$(2,957)
Weighted average fixed interest rate	5.31 %	5.11 %	5.00 %	4.42 %	4.72 %	5.49 %		
Average variable interest rate	3.01 %	3.28 %	3.55 %	3.71 %				
Interest Rate Swaps:								
Notional debt amount (b)	\$100	\$—	\$—	\$—	\$—	\$—		\$5
Fixed rate payable (%)	1.81 %							

(a) Represents maturities of principal amounts, excluding debt issuance costs and debt issuance discounts.

As of September 30, 2017, the Company was party to interest rate derivative contracts whereby the Company will receive the three-month LIBOR rate for the 10-year period from December 2017 through December 2027 in

(b) exchange for paying a fixed interest rate of 1.81 percent on a notional amount of \$100 million on December 15, 2017. Subsequent to September 30, 2017, the Company liquidated its interest rate derivative contracts for cash proceeds of \$5 million.

Commodity derivative instruments and price sensitivity. The following table provides information about the Company's oil, NGL and gas derivative financial instruments that were sensitive to changes in oil, NGL and gas prices as of September 30, 2017. Although mitigated by the Company's derivative activities, declines in oil, NGL and gas prices would reduce the Company's revenues.

The Company manages commodity price risk with derivative contracts, such as swap contracts, collar contracts and collar contracts with short put options. Swap contracts provide a fixed price for a notional amount of sales volumes. Collar contracts provide minimum ("floor" or "long put") and maximum ("ceiling") prices on a notional amount of sales volumes, thereby allowing some price participation if the relevant index price closes above the floor price. Collar contracts with short put options differ from other collar contracts by virtue of the short put option price, below which the Company's realized price will exceed the variable market prices by the long put-to-short put price differential. See Notes D and E of Notes to Consolidated Financial Statements included in "Item 1. Financial Statements" for a description of the accounting procedures followed by the Company for its derivative financial instruments and for specific information regarding the terms of the Company's derivative financial instruments that are sensitive to changes in oil, NGL or gas prices.



Table of Contents

## PIONEER NATURAL RESOURCES COMPANY

	2017	Year Ending December 31,		Asset (Liability) Fair Value at September 30, 2017 (a) (in millions)
	Fourth Quarter	2018	2019	
Oil Derivatives:				
Average daily notional Bbl volumes:				
Collar contracts (b)	6,000	—	—	\$ 1
Weighted average ceiling price per Bbl	\$70.40	\$—	\$—	
Weighted average floor price per Bbl	\$50.00	\$—	\$—	
Collar contracts with short puts (c)	155,000	150,781	—	\$ 14
Weighted average ceiling price per Bbl	\$62.12	\$57.70	\$—	
Weighted average floor price per Bbl	\$49.82	\$47.39	\$—	
Weighted average short put price per Bbl	\$41.02	\$37.35	\$—	
Average forward NYMEX oil prices (d)	\$54.15	\$53.98	\$—	
Midland-Cushing index swap contracts (e)	6,630	—	—	—
Weighted average price differential per Bbl	\$(1.09 )	\$—	\$—	
Average forward basis differential prices (f)	\$0.44	\$—	\$—	
NGL Derivatives (g):				
Ethane collar contracts (Bbl) (h)	3,000	—	—	\$ —
Weighted average ceiling price per Bbl	\$11.83	\$—	\$—	
Weighted average floor price per Bbl	\$8.68	\$—	\$—	
Average forward ethane prices (d)	\$11.55	\$—	\$—	
Ethane basis swap contracts (MMBtu) (i)	6,920	6,920	6,920	\$ —
Weighted average price differential per MMBtu	\$1.60	\$1.60	\$1.60	
Average forward NYMEX gas prices (d)	\$2.97	\$3.00	\$2.91	
Gas Derivatives:				
Average daily notional MMBtu volumes:				
Swap contracts (j)	—	30,000	—	\$ —
Weighted average fixed price per MMBtu	\$—	\$3.08	\$—	
Collar contracts with short puts	300,000	62,329	—	\$ 2
Weighted average ceiling price per MMBtu	\$3.60	\$3.56	\$—	
Weighted average floor price per MMBtu	\$2.96	\$2.91	\$—	
Weighted average short put price per MMBtu	\$2.47	\$2.37	\$—	
Average forward NYMEX gas prices (d)	\$2.97	\$3.00	\$—	
Basis swap contracts:				\$ (1 )
Mid-Continent index swap contracts (k)	45,000	—	—	
Weighted average fixed price per MMBtu	\$(0.32 )	\$—	\$—	
Average forward basis differential prices (l)	\$(0.25 )	\$—	\$—	
Permian Basin index swap contracts (m)	26,522	51,671	70,000	
Weighted average fixed price per MMBtu	\$0.30	\$0.30	\$0.30	
Average forward basis differential prices (n)	\$0.63	\$0.38	\$0.38	

(a) In accordance with Financial Accounting Standards Board ASC 210-20 and ASC 815-10, the Company classifies the fair value amounts of derivative assets and liabilities executed under master netting arrangements as net

derivative assets or net derivative liabilities, as the case may be. The net asset and liability amounts shown above have been provided on a commodity contract-type basis, which may differ from their master netting arrangements classifications.

(b) Subsequent to September 30, 2017, the Company entered into additional collar contracts for 3,000 Bbls per day of 2018 production with a ceiling price of \$58.05 per Bbl and a floor price of \$45.00 per Bbl.

Subsequent to September 30, 2017, the Company entered into additional collar contracts with short puts for 2,000

(c) Bbls per day of 2018 production with a ceiling price of \$59.25 per Bbl, a floor price of \$45.00 per Bbl and a short put price of \$35.00 per Bbl.

(d) The average forward NYMEX oil, ethane and gas prices are based on October 30, 2017 market quotes.

(e) Represents swap contracts that fix the basis differential between Midland, Texas oil prices and WTI oil prices at Cushing, Oklahoma.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY

- (f) The average forward basis differential prices are based on October 30, 2017 market quotes for basis differentials between Midland, Texas oil prices and WTI prices at Cushing, Oklahoma.
- (g) Subsequent to September 30, 2017, the Company entered into propane swap contracts for 2,500 Bbls per day of November and December 2017 production with a fixed price of \$37.80 per Bbl.
- (h) Represent collar contracts that reduce the price volatility of ethane forecasted for sale by the Company at Mont Belvieu, Texas-posted prices.  
Represent basis swap contracts that reduce the price volatility of ethane forecasted for sale by the Company at Mont Belvieu, Texas-posted prices. The basis swap contracts fix the basis differential on a HH MMBtu equivalent basis.
- (i) The Company will receive the HH price plus the price differential on 6,920 MMBtu per day, which is equivalent to 2,500 Bbls per day of ethane.
- (j) Subsequent to September 30, 2017, the Company entered into additional swap contracts for 70,000 MMBtu per day of April through December 2018 production with a price of \$3.00 per MMBtu.
- (k) Represent swap contracts that fix the basis differentials between the index prices at which the Company sells its Mid-Continent gas and the HH index price used in collar contracts with short puts.
- (l) The average forward basis differential prices are based on October 30, 2017 market quotes for basis differentials between the Mid-Continent index prices and the NYMEX-quoted forward prices.  
Represent swap contracts that fix the basis differentials between Permian Basin index prices and southern California index prices for Permian Basin gas forecasted for sale in southern California. Subsequent to September 30, 2017, the Company entered into additional basis swap contracts for (i) 20,000 MMBtu per day of November 2017 through March 2018 production with a price of \$0.49 per MMBtu and (ii) 10,000 MMBtu per day of 2019 production with a price of \$0.32 per MMBtu.
- (n) The average forward basis differential prices are based on October 30, 2017 market quotes for basis differentials between Permian Basin index prices and southern California index prices.
- Marketing derivatives. Periodically, the Company enters into buy and sell marketing arrangements to fulfill firm pipeline transportation commitments. Associated with these marketing arrangements, the Company may enter into index swaps that mitigate price risk. As of September 30, 2017, the Company was party to (i) oil index swap contracts for 10,000 Bbls per day of November and December 2017 transportation commitments with a price differential of \$4.18 per Bbl between NYMEX WTI and Louisiana Light Sweet oil ("LLS") and (ii) oil index swap contracts for 10,000 Bbls per day of January through August 2018 transportation commitments with a price differential of \$3.18 per Bbl between NYMEX WTI and LLS. As of September 30, 2017, these positions had fair value of nil. Based on October 30, 2017 market quotes, the average forward basis differential price was \$6.05 per Bbl for December 2017 and \$4.50 per Bbl for January through August 2018 between the relevant quoted forward oil index prices.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY

Item 4. Controls and Procedures

Evaluation of disclosure controls and procedures. The Company's management, with the participation of its principal executive officer and principal financial officer, have evaluated, as required by Rule 13a-15(b) under the Securities Exchange Act of 1934 (the "Exchange Act"), the effectiveness of the Company's disclosure controls and procedures (as defined in Exchange Act Rule 13a-15(e)) as of the end of the period covered by this Report. Based on that evaluation, the principal executive officer and principal financial officer concluded that the Company's disclosure controls and procedures were effective, as of the end of the period covered by this Report, in ensuring that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms, including that such information is accumulated and communicated to the Company's management, including the principal executive officer and principal financial officer, to allow timely decisions regarding required disclosure.

Changes in internal control over financial reporting. There have been no changes in the Company's internal control over financial reporting (as defined in Rule 13a-15(f) under the Exchange Act) that occurred during the three months ended September 30, 2017 that have materially affected or are reasonably likely to materially affect the Company's internal control over financial reporting.

Table of Contents

## PIONEER NATURAL RESOURCES COMPANY

## PART II. OTHER INFORMATION

## Item 1. Legal Proceedings

The Company is party to the legal proceeding described in Note J of Notes to Consolidated Financial Statements included in "Part I, Item 1. Financial Statements." The Company is also party to various proceedings and claims incidental to its business. While many of these matters involve inherent uncertainty, the Company believes that the amount of the liability, if any, ultimately incurred with respect to these proceedings and claims will not have a material adverse effect on the Company's consolidated financial position as a whole or on its liquidity, capital resources or future annual results of operations.

## Item 1A. Risk Factors

In addition to the information set forth in this Report, the risks that are discussed in the Company's Annual Report on Form 10-K for the year ended December 31, 2016, under the headings "Part I, Item 1. Business – Competition, Markets and Regulations," "Part I, Item 1A. Risk Factors" and "Part II, Item 7A. Quantitative and Qualitative Disclosures About Market Risk," should be carefully considered as such risks could materially affect the Company's business, financial condition or future results. There has been no material change in the Company's risk factors from those described in the Annual Report on Form 10-K.

These risks are not the only risks facing the Company. Additional risks and uncertainties not currently known to the Company or that it currently deems to be immaterial also may have a material adverse effect on the Company's business, financial condition or future results.

## Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

## Purchases of Equity Securities by the Issuer and Affiliated Purchasers

The following table summarizes the Company's purchases of treasury stock under plans or programs during the three months ended September 30, 2017:

Period	Total Number of Shares Purchased (a)	Average Price Paid per Share	Total Number of Shares Purchased As Part of Publicly Announced Plans or Programs	Approximate Dollar Amount of Shares that May Yet Be Purchased under Plans or Programs
July 2017	225	\$ 161.75	—	
August 2017	2,216	\$ 133.79	—	
September 2017	139	\$ 131.78	—	
Total	2,580	\$ 136.12	—	\$ —

(a) Consists of shares purchased from employees in order for the employee to satisfy tax withholding payments related to share-based awards that vested during the period.

## Item 4. Mine Safety Disclosures

The Company's sand mines are subject to regulation by the Federal Mine Safety and Health Administration under the Federal Mine Safety and Health Act of 1977, as amended by the Mine Improvement and New Emergency Response Act of 2006. Information concerning mine safety violations or other regulatory matters required by Section 1503(a) of the Dodd-Frank Wall Street Reform and Consumer Protection Act and Item 104 of Regulation S-K is included in Exhibit 95.1 to this Report.



Table of Contents

PIONEER NATURAL RESOURCES COMPANY

Item 6. Exhibits

Exhibits

Exhibit Number	Description
10.1	(a) — <u>Eighth Amendment to Pioneer USA 401(k) and Matching Plan dated August 28, 2017.</u>
12.1	(a) — <u>Computation of Ratios of Earnings to Fixed Charges and Earnings to Fixed Charges and Preferred Stock Dividends.</u>
31.1	(a) — <u>Chief Executive Officer certification under Section 302 of Sarbanes-Oxley Act of 2002.</u>
31.2	(a) — <u>Chief Financial Officer certification under Section 302 of Sarbanes-Oxley Act of 2002.</u>
32.1	(b) — <u>Chief Executive Officer certification under Section 906 of Sarbanes-Oxley Act of 2002.</u>
32.2	(b) — <u>Chief Financial Officer certification under Section 906 of Sarbanes-Oxley Act of 2002.</u>
95.1	(a) — <u>Mine Safety Disclosures.</u>
101.INS	(a) —XBRL Instance Document.
101.SCH	(a) —XBRL Taxonomy Extension Schema.
101.CAL	(a) —XBRL Taxonomy Extension Calculation Linkbase Document.
101.DEF	(a) —XBRL Taxonomy Extension Definition Linkbase Document.
101.LAB	(a) —XBRL Taxonomy Extension Label Linkbase Document.
101.PRE	(a) —XBRL Taxonomy Extension Presentation Linkbase Document.

(a) Filed herewith.

(b) Furnished herewith.

Table of Contents

PIONEER NATURAL RESOURCES COMPANY

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this Report to be signed on its behalf by the undersigned hereto duly authorized.

PIONEER NATURAL RESOURCES COMPANY

Date: November 3, 2017 By: /s/ RICHARD P. DEALY  
Richard P. Dealy,  
Executive Vice President and Chief Financial Officer

Date: November 3, 2017 By: /s/ MARGARET M. MONTEMAYOR  
Margaret M. Montemayor,  
Vice President and Chief Accounting Officer