PDC ENERGY, INC. Form 10-Q May 03, 2018 Table of contents

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 10-Q

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

For the quarterly period ended March 31, 2018

or

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

For the transition period from ______ to _____

Commission File Number 001-37419 PDC ENERGY, INC. (Exact name of registrant as specified in its charter)

Delaware 95-2636730 (State of incorporation) (I.R.S. Employer Identification No.) 1775 Sherman Street, Suite 3000 Denver, Colorado 80203 (Address of principal executive offices) (Zip code)

Registrant's telephone number, including area code: (303) 860-5800

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 x No o

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Website, 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 x No o

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See 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 x Accelerated filer o

Non-accelerated filer o

Smaller reporting company o

(Do not check if a smaller reporting company)

Emerging growth company o

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. o

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes o No x

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date: 66,065,856 shares of the Company's Common Stock (\$0.01 par value) were outstanding as of April 20, 2018.

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PDC ENERGY, INC.

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SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This Quarterly Report on Form 10-Q contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 ("Securities Act"), Section 21E of the Securities Exchange Act of 1934 ("Exchange Act"), and the United States ("U.S.") Private Securities Litigation Reform Act of 1995 regarding our business, financial condition, results of operations, and prospects. All statements other than statements of historical fact included in and incorporated by reference into this report are "forward-looking statements." Words such as expect, anticipate, intend, plan, believe, seek, estimate, and similar expressions or variations of such words are intended to identify forward-looking statements herein. Forward-looking statements include, among other things, statements regarding future: production, costs, and cash flows; drilling locations and zones and growth opportunities; commodity prices and differentials; capital expenditures and projects, including the number of rigs employed and the number of completion crews; renegotiation of our credit facility; management of lease expiration issues; financial ratios; certain accounting and tax change impacts; midstream capacity and related curtailments; our ability to meet our volume commitments to midstream providers; ongoing compliance with our consent decree; and the timing and adequacy of infrastructure projects of our midstream providers.

The above statements are not the exclusive means of identifying forward-looking statements herein. Although forward-looking statements contained in this report reflect our good faith judgment, such statements can only be based on facts and factors currently known to us. Forward-looking statements are always subject to risks and uncertainties, and become subject to greater levels of risk and uncertainty as they address matters further into the future. Throughout this report or accompanying materials, we may use the term "projection" or similar terms or expressions, or indicate that we have "modeled" certain future scenarios. We typically use these terms to indicate our current thoughts on possible outcomes relating to our business or our industry in periods beyond the current fiscal year. Because such statements relate to events or conditions further in the future, they are subject to increased levels of uncertainty.

Important factors that could cause actual results to differ materially from the forward-looking statements include, but are not limited to:

changes in worldwide production volumes and demand, including economic conditions that might impact demand and prices for the products we produce;

volatility of commodity prices for crude oil, natural gas, and natural gas liquids ("NGLs") and the risk of an extended period of depressed prices;

volatility and widening of differentials;

reductions in the borrowing base under our revolving credit facility;

impact of governmental policies and/or regulations, including changes in environmental and other laws, the interpretation and enforcement of those laws and regulations, liabilities arising thereunder, and the costs to comply with those laws and regulations;

declines in the value of our crude oil, natural gas, and NGLs properties resulting in impairments;

changes in estimates of proved reserves;

inaccuracy of reserve estimates and expected production rates;

potential for production decline rates from our wells being greater than expected;

timing and extent of our success in discovering, acquiring, developing, and producing reserves;

availability of sufficient pipeline, gathering, and other transportation facilities and related infrastructure to process and transport our production and the impact of these facilities and regional capacity on the prices we receive for our production;

timing and receipt of necessary regulatory permits;

•risks incidental to the drilling and operation of crude oil and natural gas wells;

difficulties in integrating our operations as a result of any significant acquisitions and acreage exchanges; increases or changes in expenses;

availability of supplies, materials, contractors, and services that may delay the drilling or completion of our wells; potential losses of acreage due to lease expirations or otherwise;

increases or adverse changes in construction costs and procurement costs associated with future build out of midstream-related assets;

future cash flows, liquidity, and financial condition;

competition within the oil and gas industry;

availability and cost of capital;

our success in marketing crude oil, natural gas, and NGLs;

effect of crude oil and natural gas derivatives activities;

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impact of environmental events, governmental and other third-party responses to such events, and our ability to insure adequately against such events;

cost of pending or future litigation;

effect that acquisitions we may pursue have on our capital requirements;

our ability to retain or attract senior management and key technical employees; and

success of strategic plans, expectations, and objectives for our future operations.

Further, we urge you to carefully review and consider the cautionary statements and disclosures, specifically those under the heading "Risk Factors," made in this Quarterly Report on Form 10-Q, our Annual Report on Form 10-K for the year ended December 31, 2017 (the "2017 Form 10-K"), filed with the U.S. Securities and Exchange Commission ("SEC") on February 27, 2018 and amended on May 1, 2018, and our other filings with the SEC for further information on risks and uncertainties that could affect our business, financial condition, results of operations, and prospects, which are incorporated by this reference as though fully set forth herein. We caution you not to place undue reliance on the forward-looking statements, which speak only as of the date of this report. We undertake no obligation to update any forward-looking statements in order to reflect any event or circumstance occurring after the date of this report or currently unknown facts or conditions or the occurrence of unanticipated events. All forward-looking statements are qualified in their entirety by this cautionary statement.

REFERENCES

Unless the context otherwise requires, references in this report to "PDC Energy," "PDC," "the Company," "we," "us," "our," or "ours" refer to the registrant, PDC Energy, Inc. and all subsidiaries consolidated for the purposes of its financial statements, including our proportionate share of the financial position, results of operations, cash flows and operating activities of our affiliated partnerships.

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PART I - FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS

PDC ENERGY, INC.	
Condensed Consolidated Balance Sheets	

(unaudited; in thousands, except share and per share data)

(unaddited, in thousands, except share and per share data)		
	March 31,	December
	2018	31, 2017
Assets		
Current assets:		
Cash and cash equivalents	\$45,923	\$180,675
Accounts receivable, net	181,025	197,598
Fair value of derivatives	28,610	14,338
Prepaid expenses and other current assets	8,897	8,613
Total current assets	264,455	401,224
Properties and equipment, net	4,231,257	3,933,467
Assets held-for-sale, net	1,647	40,084
Other assets	24,798	45,116
Total Assets	\$4,522,157	\$4,419,891
Liabilities and Stockholders' Equity		
Liabilities Liabilities		
Current liabilities:		
Accounts payable	\$195,703	\$150,067
Production tax liability	36,650	37,654
Fair value of derivatives	110,683	79,302
Funds held for distribution	97,611	95,811
Accrued interest payable	13,760	11,815
Other accrued expenses	33,777	42,987
Total current liabilities	488,184	42,987
	*	,
Long-term debt	1,154,528	1,151,932
Deferred income taxes	187,183	191,992
Asset retirement obligations	73,905	71,006
Fair value of derivatives	26,426	22,343
Other liabilities	94,557	57,333
Total liabilities	2,024,783	1,912,242

Commitments and contingent liabilities

Stockholders' equity

Common shares - par value \$0.01 per share, 150,000,000 authorized, 65,999,010 and	660	659
65,955,080 issued as of March 31, 2018 and December 31, 2017, respectively	000	039
Additional paid-in capital	2,504,663	2,503,294
Retained earnings (deficit)	(6,435) 6,704
Treasury shares - at cost, 29,255 and 55,927	(1.514) (3.008
as of March 31, 2018 and December 31, 2017, respectively	(1,511) (3,000
Total stockholders' equity	2,497,374	2,507,649

\$4,522,157 \$4,419,891

See accompanying Notes to Condensed Consolidated Financial Statements

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PDC ENERGY, INC.

Condensed Consolidated Statements of Operations (unaudited; in thousands, except per share data)

(,,,,,	Three Mon March 31,	ths Ended
	2018	2017
Revenues		
Crude oil, natural gas, and NGLs sales	\$305,225	\$189,692
Commodity price risk management gain (loss), net	(47,240)	80,704
Other income	2,615	3,311
Total revenues	260,600	273,707
Costs, expenses and other		
Lease operating expenses	29,636	19,789
Production taxes	20,169	12,399
Transportation, gathering, and processing expenses	7,313	5,902
Exploration, geologic, and geophysical expense	2,646	954
Impairment of properties and equipment	33,188	2,193
General and administrative expense	35,696	26,315
Depreciation, depletion, and amortization	126,788	109,316
Accretion of asset retirement obligations	1,288	1,768
(Gain) loss on sale of properties and equipment	1,432	(160)
Other expenses	2,768	3,528
Total costs, expenses and other	260,924	182,004
Income (loss) from operations	(324)	91,703
Interest expense	(17,529)	(19,467)
Interest income	148	240
Income (loss) before income taxes	(17,705)	
Income tax (expense) benefit	4,566	(26,330)
Net income (loss)	\$(13,139)	\$46,146
Earnings per share:		
Basic	\$(0.20)	\$0.70
Diluted	\$(0.20)	\$0.70
Weighted-average common shares outstanding:		
Basic	65,957	65,749
Diluted	65,957	66,117

See accompanying Notes to Condensed Consolidated Financial Statements $\boldsymbol{2}$

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PDC ENERGY, INC.

Condensed Consolidated Statements of Cash Flows (unaudited; in thousands)

		onths Ended
	March 31	•
	2018	2017
Cash flows from operating activities:		
Net income (loss)	-) \$46,146
Adjustments to net income (loss) to reconcile to net cash from operating activities		
Net change in fair value of unsettled commodity derivatives	21,202	(80,153)
Depreciation, depletion and amortization	126,788	109,316
Impairment of properties and equipment	33,188	2,193
Accretion of asset retirement obligations	1,288	1,768
Non-cash stock-based compensation	5,261	4,454
(Gain) loss on sale of properties and equipment	1,432	(160)
Amortization of debt discount and issuance costs	3,246	3,184
Deferred income taxes	(4,809) 26,280
Other	515	722
Changes in assets and liabilities	30,177	25,750
Net cash from operating activities	205,149	139,500
Cash flows from investing activities:		
Capital expenditures for development of crude oil and natural gas properties	(196,917) (129,826)
Capital expenditures for other properties and equipment	(1,066	
Acquisition of crude oil and natural gas properties, including settlement adjustment	ents (180,825) 6,181
Proceeds from sale of properties and equipment	20	737
Proceeds from divestiture	39,023	
Restricted cash	1,249	
Purchase of short-term investments		(49,890)
Net cash from investing activities	(338,516) (173,619)
Cash flows from financing activities:	•	
Proceeds from revolving credit facility	35,000	
Repayment of revolving credit facility	(35,000) —
Purchase of treasury stock	(2,255	•
Other) (340
Net cash from financing activities	*) (2,357
Net change in cash, cash equivalents, and restricted cash	•) (36,476)
Cash, cash equivalents, and restricted cash, beginning of period	189,925	244,100
Cash, cash equivalents, and restricted cash, end of period	\$53,924	\$207,624
	,	, ,
Supplemental cash flow information:		
Cash payments (receipts) for:		
Interest, net of capitalized interest	\$12,343	\$13,224
Income taxes	193	(39)
Non-cash investing and financing activities:		
Change in accounts payable related to capital expenditures	\$51,093	\$69,604
Change in asset retirement obligations, with a corresponding change to crude oil	and natural	1 222
gas properties, net of disposals	5,354	1,233
Purchase of properties and equipment under capital leases	348	1,190

See accompanying Notes to Condensed Consolidated Financial Statements $\boldsymbol{3}$

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PDC ENERGY, INC.

Condensed Consolidated Statement of Equity (unaudited; in thousands, except share data)

	Common S	tock		Treasury	Stock			
			Additional			Retained	Total	
	Shares	Amount	Paid-in	Shares	Amount	Earnings	Stockholders	'
			Capital			(Deficit)	Equity	
Balance, December 31, 2017	65,955,080	\$ 659	\$2,503,294	(55,927)	\$(3,008)	\$6,704	\$2,507,649	
Net loss			_	_	_	(13,139)	(13,139)
Purchase of treasury shares	_		_	(41,357)	(2,255)	_	(2,255)
Issuance of treasury shares		_	(3,891	70,603	3,891	_		
Non-employee directors' deferred compensation plan	_		_	(2,574)	(142)	_	(142)
Issuance of stock awards, net of forfeitures	43,930	1	(1) —	_	_	_	
Stock-based compensation expense		_	5,261	_	_	_	5,261	
Other		_		_		_		
Balance, March 31, 2018	65,999,010	\$ 660	\$2,504,663	(29,255)	\$(1,514)	\$(6,435)	\$2,497,374	

See accompanying Notes to Condensed Consolidated Financial Statements

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PDC ENERGY, INC.
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
March 31, 2018
(unaudited)

NOTE 1 - NATURE OF OPERATIONS AND BASIS OF PRESENTATION

PDC Energy, Inc. is a domestic independent exploration and production company that acquires, explores, and develops properties for the production of crude oil, natural gas, and NGLs, with operations in the Wattenberg Field in Colorado and the Delaware Basin in Texas. Our operations in the Wattenberg Field are focused in the horizontal Niobrara and Codell plays and our Delaware Basin operations are currently focused in the Wolfcamp zones. We previously operated properties in the Utica Shale in Southeastern Ohio; however, we divested these properties during the three months ended March 31, 2018. As of March 31, 2018, we owned an interest in approximately 3,000 gross productive wells. We are engaged in two operating segments: our oil and gas exploration and production segment and our gas marketing segment. Our gas marketing segment does not meet the quantitative thresholds to require disclosure as a separate reportable segment. All of our material operations are attributable to our exploration and production business; therefore, all of our operations are presented as a single segment for all periods presented.

The accompanying unaudited condensed consolidated financial statements include the accounts of PDC, our wholly-owned subsidiaries, and our proportionate share of our affiliated partnerships. Pursuant to the proportionate consolidation method, our accompanying condensed consolidated financial statements include our pro rata share of assets, liabilities, revenues, and expenses of the entities which we proportionately consolidate. All material intercompany accounts and transactions have been eliminated in consolidation.

In our opinion, the accompanying condensed consolidated financial statements contain all adjustments, consisting of normal recurring adjustments, necessary for a fair statement of our financial statements for interim periods in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP") and with the instructions to Form 10-Q and Article 10 of Regulation S-X of the SEC. Accordingly, pursuant to such rules and regulations, certain notes and other financial information included in audited financial statements have been condensed or omitted. The December 31, 2017 condensed consolidated balance sheet data was derived from audited statements, but does not include all disclosures required by U.S. GAAP. The information presented in this Quarterly Report on Form 10-Q should be read in conjunction with our audited consolidated financial statements and notes thereto included in our 2017 Form 10-K. Our results of operations and cash flows for the three months ended March 31, 2018 are not necessarily indicative of the results to be expected for the full year or any other future period.

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Recently Adopted Accounting Standard

In May 2014, the Financial Accounting Standards Board ("FASB") and the International Accounting Standards Board issued their converged standard on revenue recognition that provides a single, comprehensive model that entities will apply to determine the measurement of revenue and timing of when it is recognized. The standard has been updated and now includes technical corrections. The underlying principle is that an entity will recognize revenue to depict the transfer of goods or services to customers at an amount that the entity expects to be entitled to in exchange for those goods or services. The standard outlines a five-step approach to apply the underlying principle: (1) identify the contract with the customer, (2) identify the separate performance obligations in the contract, (3) determine the transaction price, (4) allocate the transaction price to separate performance obligations, and (5) recognize revenue when or as each performance obligation is satisfied. We adopted the standard effective January 1, 2018. In order to evaluate the impact that the adoption of the revenue standard had on our consolidated financial statements, we

performed a comprehensive review of our significant revenue streams. The focus of this review included, among other things, the identification of the significant contracts and other arrangements we have with our customers to identify performance obligations and principal versus agent considerations, and factors affecting the determination of the transaction price. We also reviewed our current accounting policies, procedures, and controls with respect to these contracts and arrangements to determine what changes, if any, would be required by the adoption of the revenue standard. We determined that we would adopt the standard under the modified retrospective method. Upon adoption, no adjustment to our opening balance of retained earnings was deemed necessary.

In November 2016, the FASB issued an accounting update on statements of cash flows to address diversity in practice in the classification and presentation of changes in restricted cash. The accounting update requires that the statement of cash flows explain the change during the period in the total of cash, cash equivalents, and amounts generally described as restricted cash or restricted cash equivalents. Therefore, amounts generally described as restricted cash or restricted cash equivalents

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should be included with cash and cash equivalents when reconciling beginning-of-period and end-of-period amounts shown on the statement of cash flows. The guidance is effective for fiscal years beginning after December 15, 2017. and interim periods within those fiscal years, with early adoption permitted. The adoption of this standard impacted our condensed consolidated statements of cash flows. The following table provides a reconciliation of cash and cash equivalents and restricted cash reported on the condensed consolidated balance sheets at March 31, 2018 and December 31, 2017, which sum to the total of cash, cash equivalents, and restricted cash in the condensed consolidated statements of cash flows:

> March 31December 31, 2018 2017 (in thousands)

\$45,923 \$ 180,675 Cash and cash equivalents Restricted cash 8,001 9,250 Cash, cash equivalents, and restricted cash shown in the condensed consolidated statements of \$53.924 \$ 189,925

cash flows

Restricted cash is included in other assets on the condensed consolidated balance sheets at March 31, 2018 and December 31, 2017. We did not have any cash classified as restricted cash at March 31, 2017 or December 31, 2016.

Recently Issued Accounting Standards

In February 2016, the FASB issued an accounting update aimed at increasing the transparency and comparability among organizations by recognizing lease assets and liabilities on the balance sheet and disclosing key information about related leasing arrangements. The standard has been updated and now includes amendments. For leases with terms of more than 12 months, the accounting update requires lessees to recognize a right-of-use asset and lease liability for its right to use the underlying asset and the corresponding lease obligation. Both the lease asset and liability will initially be measured at the present value of the future minimum lease payments over the lease term. Subsequent measurement, including the presentation of expenses and cash flows, will depend upon the classification of the lease as either a finance or operating lease. The guidance is effective for fiscal years beginning after December 15, 2018, and interim periods within those years, with early adoption permitted, and is to be applied as of the beginning of the earliest period presented using a modified retrospective approach. The update does not apply to leases of mineral rights to explore for or use crude oil and natural gas. We are currently evaluating the impact these changes may have on our condensed consolidated financial statements.

In August 2017, the FASB issued an accounting update to provide guidance for various components of hedge accounting, including hedge ineffectiveness, the expansion of types of permissible hedging strategies, reduced complexity in the application of the long-haul method for fair value hedges and reduced complexity in assessment of effectiveness. The guidance is effective for fiscal years beginning after December 15, 2018, and interim periods within those fiscal years, with early adoption permitted. We are currently evaluating the impact these changes may have on our condensed consolidated financial statements.

NOTE 3 - BUSINESS COMBINATION

In January 2018, we closed the acquisition of properties from Bayswater Exploration and Production LLC (the "Bayswater Acquisition") for approximately \$201.8 million in cash, including \$21.0 million deposited into an escrow account in September 2017, subject to certain customary post-closing adjustments. The \$21.0 million deposit was included in other assets on our December 31, 2017 condensed consolidated balance sheet. We acquired approximately 7,400 net acres, approximately 220 gross drilling locations, and 24 operated horizontal wells that were either drilled uncompleted wells ("DUCs") or in-process wells at the time of closing.

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PDC ENERGY, INC.
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
March 31, 2018
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The details of the estimated purchase price and the preliminary allocation of the purchase price for the transaction, are presented below (in thousands):

	March 31, 2018
Acquisition costs:	
Cash	\$171,091
Deposit made in prior period	21,000
Total cash consideration	192,091
Other purchase price adjustments	9,734
Total acquisition costs	\$201,825

Recognized amounts of identifiable assets acquired and liabilities assumed:

Assets acquired:

1	
Current assets	\$517
Crude oil and natural gas properties - proved	208,279
Other assets	2,796
Total assets acquired	211,592
Liabilities assumed:	
Current liabilities	(5,080)
Asset retirement obligations	(4,687)
Total liabilities assumed	(9,767)
Total identifiable net assets acquired	\$201,825

This acquisition was accounted for under the acquisition method. Accordingly, we conducted assessments of the net assets acquired and recognized amounts for identifiable assets acquired and liabilities assumed at their estimated acquisition date fair values, while transaction and integration costs associated with the acquisition were expensed as incurred. The fair value measurements of assets acquired and liabilities assumed are based on inputs that are not observable in the market, and therefore represent Level 3 inputs. The fair values of crude oil and natural gas properties and asset retirement obligations were measured using valuation techniques that convert future cash flows to a single discounted amount. Significant inputs to the valuation of crude oil and natural gas properties include estimates of reserves, future operating and development costs, future commodity prices, estimated future cash flows, lease terms and expirations, and a market-based weighted-average cost of capital rate. Within the unproved properties, the allocation of the value to the underlying leases also requires significant judgment and is based on a combination of comparable market transactions, the term and conditions associated with the individual leases, our ability and intent to develop specific leases, and our initial assessment of the underlying relative value of the leases given our knowledge of the geology at the time of closing. These inputs require significant judgments and estimates by management at the time of the valuation and were the most sensitive and subject to change.

The results of operations for the Bayswater Acquisition for the three months ended March 31, 2018 have been included in our condensed consolidated financial statements. Pro forma results of operations for the Bayswater Acquisition showing results as if the acquisition had been completed as of January 1, 2017 would not have been material to our condensed consolidated financial statements for the three months ended March 31, 2017.

On January 1, 2018, we adopted the new accounting standard that was issued by the FASB and the International Accounting Standards Board that converged their standard on revenue recognition and provides a single, comprehensive model to determine the measurement of revenue and timing of when it is recognized and all the related amendments ("new revenue standard") using the modified retrospective method. The comparative information has not been restated and continues to be reported under the accounting standards in effect for those periods. Based upon our review, we determined that the adoption of the standard would have reduced our crude oil, natural gas, and NGLs sales by approximately \$2.5 million in the first quarter of 2017 with a corresponding decrease in transportation, gathering, and processing expenses and no impact on net earnings. To

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PDC ENERGY, INC.
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
March 31, 2018
(unaudited)

determine the impact on our crude oil, natural gas, and NGLs sales and our transportation, processing, and gathering expenses for the three months ended March 31, 2017, we applied the new guidance to contracts that were not completed as of December 31, 2017. We do not expect adoption of the new standard to have a significant impact on our net income going forward.

Crude oil, natural gas, and NGLs revenues are recognized when we have transferred control of crude oil, natural gas, or NGLs production to the purchaser. We consider the transfer of control to have occurred when the purchaser has the ability to direct the use of, and obtain substantially all of the remaining benefits, from the crude oil, natural gas, or NGLs production. We record sales revenue based on an estimate of the volumes delivered at estimated prices as determined by the applicable sales agreement. We estimate our sales volumes based on company-measured volume readings. We then adjust our crude oil, natural gas, and NGLs sales in subsequent periods based on the data received from our purchasers that reflects actual volumes and prices received. We receive payment for sales from one to two months after actual delivery has occurred. The differences in sales estimates and actual sales are recorded one to two months later. Historically, these differences have not been material. We account for natural gas imbalances using the sales method. For the three months ended March 31, 2018 and 2017 the impact of any natural gas imbalances was not significant. If a sale is deemed uncollectible, an allowance for doubtful collection is recorded.

Our crude oil, natural gas, and NGLs sales are recorded using either the "net-back" or "gross" method of accounting, depending upon the related purchase agreement. We use the net-back method when control of the crude oil, natural gas, or NGLs has been transferred to the purchasers of these commodities that are providing transportation, gathering, or processing services. In these situations, the purchaser pays us proceeds based on a percent of the proceeds or have fixed our sales price at index less specified deductions. The net-back method results in the recognition of a net sales price that is lower than the indices for which the production is based because the operating costs and profit of the midstream facilities are embedded in the net price we are paid.

We use the gross method of accounting when control of the crude oil, natural gas, or NGLs is not transferred to the purchaser and the purchaser does not provide transportation, gathering, or processing services as a function of the price we receive. Rather, we contract separately with midstream providers for the applicable transport and processing on a per unit basis. Under this method, we recognize revenues based on the gross selling price and recognize transportation, gathering, and processing expenses.

Based on our evaluation of when control of crude oil and natural gas sales are transferred to the customer under the guidance of the new revenue recognition standard, certain crude oil sales in the Wattenberg Field that were recognized using the gross method prior to the adoption of the new revenue standard will be recognized using the net-back method. In the Delaware Basin, certain crude oil and natural gas sales that were recognized using the gross method prior to the adoption of the new revenue standard will be recognized using the net-back method.

As discussed above, we enter into agreements for the sale, transportation, gathering, and processing of our production. The terms of these agreements can result in variances in the per unit realized prices that we receive for our crude oil, natural gas and NGLs. For crude oil, the average NYMEX prices are based upon average daily prices throughout each month and our natural gas average NYMEX pricing is based upon first-of-the-month index prices as this is how the majority of each of these commodities is sold pursuant to terms of the respective sales agreements. For NGLs, we use the NYMEX crude oil price as a reference for presentation purposes.

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Disaggregated Revenue. The following table presents crude oil, natural gas, and NGLs sales disaggregated by commodity and operating region for the three months ended March 31, 2018 and 2017 (in thousands):

	Three Months Ended March 31			ı 31,
Revenue by Commodity and Operating Region	2018	2017 (2)	Percer Chang	_
Crude oil				
Wattenberg Field	\$170,306	\$105,188	61.9	%
Delaware Basin	53,418	13,538	294.6	%
Utica Shale (1)	2,696	4,270	(36.9)%
Total	\$226,420	\$122,996	84.1	%
Natural gas				
Wattenberg Field	\$29,772	\$32,614	(8.7)%
Delaware Basin	7,679	2,468	211.1	%
Utica Shale (1)	1,110	1,860	(40.3)%
Total	\$38,561	\$36,942	4.4	%
NGLs				
Wattenberg Field	\$28,770	\$25,318	13.6	%
Delaware Basin	10,635	2,947	260.9	%
Utica Shale (1)	839	1,489	(43.7)%
Total	\$40,244	\$29,754	35.3	%
Revenue by Operating Region				
Wattenberg Field	\$228,848	\$163,120	40.3	%
Delaware Basin	71,732	18,953	278.5	%
Utica Shale (1)	4,645	7,619	(39.0)%
Total	\$305,225	\$189,692	60.9	%

⁽¹⁾ In March 2018, we completed the sale of our Utica Shale properties.

Contract Assets. Contract assets include material contributions in aid of construction ("CIAC"), which are common in purchase/purchase and processing agreements with midstream service providers that are our customers. Generally, the intent of the payments is to reimburse the customer for actual costs incurred related to the construction of its gathering and processing infrastructure. Contract assets that are classified as current assets are included in prepaid expenses and other current assets on our condensed consolidated balance sheet. Contract assets that are classified as long-term are included in other assets on our condensed consolidated balance sheet. The contract assets will be amortized as a reduction to crude oil, natural gas, or NGLs sales revenue during the periods that the related production is transferred to the customer.

The following table presents the changes in carrying amounts of the contract assets associated with our crude oil, natural gas, and NGLs sales revenue for the three months ended March 31, 2018:

Amount

⁽²⁾ As we have elected the modified retrospective method of adoption, revenues for the three months ended March 31, 2017 have not been restated for the new revenue recognition standard. Such amounts would not have been material.

	(in thousands)
Beginning balance, January 1, 2018	\$ 4,446
Contract assets amortized as a reduction to crude oil, natural gas, and NGLs sales	(1,233)
Ending balance, March 31, 2018	\$ 3,213

Customer Accounts Receivable. Our accounts receivable include amounts billed and currently due from sales of our crude oil, natural gas, and NGLs production. Our gross accounts receivable balance from crude oil, natural gas, and NGLs sales at March 31, 2018 and December 31, 2017 was \$145.3 million and \$154.3 million, respectively. Historically, we have not recorded a significant amount of write-offs related to our accounts receivable from sales of our crude oil, natural gas, and NGLs

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sales, therefore; we did not record an allowance for doubtful accounts for these receivables at March 31, 2018 or December 31, 2017.

NOTE 5 - FAIR VALUE OF FINANCIAL INSTRUMENTS

Determination of Fair Value

Our fair value measurements are estimated pursuant to a fair value hierarchy that requires us to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The valuation hierarchy is based upon the transparency of inputs to the valuation of an asset or liability as of the measurement date, giving the highest priority to quoted prices in active markets (Level 1) and the lowest priority to unobservable data (Level 3). In some cases, the inputs used to measure fair value might fall in different levels of the fair value hierarchy. The lowest level input that is significant to a fair value measurement in its entirety determines the applicable level in the fair value hierarchy. Assessing the significance of a particular input to the fair value measurement in its entirety requires judgment, considering factors specific to the asset or liability, and may affect the valuation of the assets and liabilities and their placement within the fair value hierarchy levels. The three levels of inputs that may be used to measure fair value are defined as:

Level 1 – Quoted prices (unadjusted) for identical assets or liabilities in active markets.

Level 2 – Inputs other than quoted prices included within Level 1 that are either directly or indirectly observable for the asset or liability, including quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in inactive markets, inputs other than quoted prices that are observable for the asset or liability, and inputs that are derived from observable market data by correlation or other means.

Level 3 – Unobservable inputs for the asset or liability, including situations where there is little, if any, market activity.

Derivative Financial Instruments

We measure the fair value of our derivative instruments based upon a pricing model that utilizes market-based inputs, including, but not limited to, the contractual price of the underlying position, current market prices, crude oil and natural gas forward curves, discount rates such as the LIBOR curve for a similar duration of each outstanding position, volatility factors, and nonperformance risk. Nonperformance risk considers the effect of our credit standing on the fair value of derivative liabilities and the effect of our counterparties' credit standings on the fair value of derivative assets. Both inputs to the model are based on published credit default swap rates and the duration of each outstanding derivative position.

We validate our fair value measurement through the review of counterparty statements and other supporting documentation, determination that the source of the inputs is valid, corroboration of the original source of inputs through access to multiple quotes, if available, or other information, and monitoring changes in valuation methods and assumptions. While we use common industry practices to develop our valuation techniques and believe our valuation method is appropriate and consistent with those used by other market participants, changes in our pricing methodologies or the underlying assumptions could result in significantly different fair values.

Our crude oil and natural gas fixed-price swaps are included in Level 2. Our collars and propane fixed-price swaps are included in Level 3. Our basis swaps are included in Level 2 and Level 3. The following table presents, for each applicable level within the fair value hierarchy, our derivative assets and liabilities, including both current and non-current portions, measured at fair value on a recurring basis:

December 31 2017

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March 31 2018

	Significant Other Observable Inputs (Level 2) (in thousand	Significant Unobservable Inputs (Level 3)	Total	Significant Other Observable Inputs (Level 2)	Significant Unobservable	Total
Assets:						
Total assets	\$22,467	\$ 6,143	\$28,610	\$12,949	\$ 1,389	\$14,338
Total liabilities	122,133	14,976	137,109	90,569	11,076	101,645
Net liability	\$(99,666)	\$ (8,833)	\$(108,499)	\$(77,620)	\$ (9,687)	\$(87,307)

The following table presents a reconciliation of our Level 3 assets measured at fair value:

	Three Months	
	Ended M	Iarch 31,
	2018	2017
	(in thous	sands)
Fair value of Level 3 instruments, net liability beginning of period	\$(9,687)	\$(9,574)
Changes in fair value included in condensed consolidated statement of operations line item:		
Commodity price risk management gain (loss), net	(2,152)	13,360
Settlements included in condensed consolidated statement of operations line items:		
Commodity price risk management gain (loss), net	3,006	(1,470)
Fair value of Level 3 instruments, net asset (liability) end of period	\$(8,833)	\$2,316
Net change in fair value of Level 3 unsettled derivatives included in condensed consolidated statement of operations line item:		
Commodity price risk management gain (loss), net	\$1,205	\$11,427

The significant unobservable input used in the fair value measurement of our derivative contracts is the implied volatility curve, which is provided by a third-party vendor. A significant increase or decrease in the implied volatility, in isolation, would have a directionally similar effect resulting in a significantly higher or lower fair value measurement of our Level 3 derivative contracts. There has been no change in the methodology we apply to measure the fair value of our Level 3 derivative contracts during the periods covered by this report.

Non-Derivative Financial Assets and Liabilities

The carrying value of the financial instruments included in current assets and current liabilities approximate fair value due to the short-term maturities of these instruments.

We utilize fair value on a nonrecurring basis to review our proved crude oil and natural gas properties for possible impairment when events and circumstances indicate a possible decline in the recoverability of the carrying value of such assets. The fair value of the properties is determined based upon estimated future discounted cash flow, a Level 3 input, using estimated production and prices at which we reasonably expect the crude oil and natural gas will be sold.

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The portion of our long-term debt related to our revolving credit facility approximates fair value due to the variable nature of related interest rates. We have not elected to account for the portion of our debt related to our senior notes under the fair value option; however, we have determined an estimate of the fair values based on measurements of trading activity and broker and/or dealer quotes, respectively, which are published market prices, and therefore are Level 2 inputs. The table below presents these estimates of the fair value of the portion of our long-term debt related to our senior notes and convertible notes as of March 31, 2018.

Estimated Fair Of Par Value (in millions)

Senior notes:

2021 Convertible No	tes \$ 194.0	97.0 %
2024 Senior Notes	409.0	102.3%
2026 Senior Notes	593 3	989 %

The carrying value of our capital lease obligations approximates fair value due to the variable nature of the imputed interest rates and the duration of the related vehicle lease.

Concentration of Risk

Derivative Counterparties. A portion of our liquidity relates to commodity derivative instruments that enable us to manage a portion of our exposure to price volatility from producing crude oil and natural gas. These arrangements expose us to credit risk of nonperformance by our counterparties. We primarily use financial institutions who are also major lenders under our revolving credit facility as counterparties to our commodity derivative contracts. An insignificant portion of our commodity derivative instruments may be with other counterparties. To date, we have had no derivative counterparty default losses. We have evaluated the credit risk of our derivative assets from our counterparties using relevant credit market default rates, giving consideration to amounts outstanding for each counterparty and the duration of each outstanding derivative position. Based on our evaluation, we have determined that the potential impact of nonperformance of our current counterparties on the fair value of our derivative instruments is not significant at March 31, 2018, taking into account the estimated likelihood of nonperformance.

Cash and Cash Equivalents. We consider all highly liquid instruments purchased with an original maturity of three months or less to be cash equivalents. Cash and cash equivalents potentially subject us to a concentration of credit risk as substantially all of our deposits held in financial institutions were in excess of the FDIC insurance limits at March 31, 2018 and December 31, 2017. We maintain our cash and cash equivalents in the form of money market and checking accounts with financial institutions that we believe are creditworthy and are also major lenders under our revolving credit facility.

NOTE 6 - COMMODITY DERIVATIVE FINANCIAL INSTRUMENTS

Our results of operations and operating cash flows are affected by changes in market prices for crude oil, natural gas, and NGLs. To manage a portion of our exposure to price volatility from producing crude oil, natural gas, and propane, which is an element of our NGLs, we enter into commodity derivative contracts to protect against price declines in

future periods. While we structure these commodity derivatives to reduce our exposure to decreases in commodity prices, they also limit the benefit we might otherwise receive from price increases.

We believe our commodity derivative instruments continue to be effective in achieving the risk management objectives for which they were intended. As of March 31, 2018, we had derivative instruments, which were comprised of collars, fixed-price swaps, and basis protection swaps, in place for a portion of our anticipated 2018 and 2019 production. Our commodity derivative contracts have been entered into at no cost to us as we hedge our anticipated production at the then-prevailing commodity market prices, without adjustment for premium or discount.

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As of March 31, 2018, we had the following outstanding derivative contracts. When aggregating multiple contracts, the weighted average contract price is disclosed.

	Collars			Fixed-Pri	ce Swaps		
		_	l-Average	-			
		Contract	Price	(Oil -		Fair	
	Quantit	y		MBbls	Weighted-	Value	
Commodity/ Index/	(Gas -			Gas and	Average	March	
Maturity Period	BBtu	_	~	Basis-	Contract	31,	
	Oil -	Floors	Ceilings		Price	2018 (1)	
	MBbls)			Propane		(in	
				- MDbla)		millions))
Crude Oil				MBbls)			
NYMEX							
2018	1.784.0	\$ 46.64	\$ 57.53	7,704.0	\$ 52.54	\$(91.4)
2019	400.0	50.00	60.67	7,800.0	53.20	(42.9	
Total Crude Oil	2,184.0			15,504.0		\$(134.3	-
	,			,			_
Natural Gas							
NYMEX							
2018	2,735.0	\$ 3.00	\$ 3.56	40,335.0	\$ 2.94	\$5.1	
2019		_	_	4,004.0	2.77	•)
Total Natural Gas	2,735.0			44,339.0		\$5.0	
D : D : C O							
Basis Protection - Crude Oil							
Midland Cushing		¢	Φ	1 456 1	¢ (0.10)	Φ <i>5</i> 4	
2018 Total Pasis Protection Could Oil		\$ <i>—</i>	\$ <i>—</i>	1,456.1	\$ (0.10)	\$5.4	
Total Basis Protection - Crude Oil	_			1,456.1		\$5.4	
Basis Protection - Natural Gas							
CIG							
2018		\$ <i>—</i>	\$ —	31,409.9	\$ (0.43)	\$12.3	
2019		_	<u> </u>	4,004.0)
Waha				·	·	`	_
2018			_	4,923.8	(0.50)	3.4	
El Paso							
2018		_	_	2,450.0	(0.62)	1.6	
Total Basis Protection - Natural Gas				42,787.7		\$17.2	
D							
Propane							
Mont Belvieu		ф	Ф	7144	Φ 22 52	ф	
2018		\$ <i>—</i>	\$ <i>—</i>	714.4	\$ 32.52	\$—	
Total Propane				714.4		\$—	

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Approximately 21.5 percent of the fair value of our commodity derivative assets and 10.9 percent of the fair value of our commodity derivative liabilities were measured using significant unobservable inputs (Level 3).

These positions hedge the timing risk associated with our physical sales. We generally sell crude oil for the delivery month at a sales price based on the average NYMEX West Texas Intermediate price during that month, plus an adjustment calculated as a spread between the weighted average prices of the delivery month, the next month and the following month during the period when the delivery month is the first month.

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We have not elected to designate any of our derivative instruments as cash flow hedges, and therefore these instruments do not qualify for hedge accounting. Accordingly, changes in the fair value of our derivative instruments are recorded in the condensed consolidated statements of operations.

The following table presents the balance sheet location and fair value amounts of our derivative instruments on the condensed consolidated balance sheets:

Derivative instrum	ents:	Condensed consolidated balance sheet line item	Fair Value March 31, 2018 (in thousan	December 31, 2017
Derivative assets:		Fair value of derivatives	·	·
	Commodity derivative contracts Basis protection derivative contracts	rail value of defivatives	\$5,958	\$7,340
		Fair value of derivatives	22,652	6,998
			28,610	14,338
	Non-current			_
Total derivative assets			\$28,610	\$14,338
Derivative liabilities:	Current			
	Commodity derivative contracts	Fair value of derivatives	108,763	77,999
	Basis protection derivative contracts	Fair value of derivatives	122	234
	Rollfactor derivative contracts	Fair value of derivatives	1,798 110,683	1,069 79,302
	Non-current		,	ŕ
	Commodity derivative contracts Basis protection derivative contracts	Fair value of derivatives	26,447	22,343
		Fair value of derivatives	(21)	_
Total derivative lia	bilities		26,426 \$137,109	22,343 \$101,645

The following table presents the impact of our derivative instruments on our condensed consolidated statements of operations:

	Three Months	
	Ended March 31,	
Condensed consolidated statement of operations line item	2018	2017
	(in thousa	ınds)
Commodity price risk management gain (loss), net		
Net settlements	\$(26,038)	\$551
Net change in fair value of unsettled derivatives	(21,202	80,153
Total commodity price risk management gain (loss), net	\$(47,240)	\$80,704

Net settlements of commodity derivatives and net change in fair value of unsettled derivatives decreased for the three months ended March 31, 2018 as compared to the three months ended March 31, 2017 as a result of the increase in future commodity prices during the first quarter of 2018 compared to a decrease during the first quarter of 2017.

All of our financial derivative agreements contain master netting provisions that provide for the net settlement of all contracts through a single payment in the event of early termination. We have elected not to offset the fair value positions recorded on our condensed consolidated balance sheets.

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The following table reflects the impact of netting agreements on gross derivative assets and liabilities:

Derivative

instruments,

recorded

¹ Effect of

condensed master

Derivative instruments,

Derivative

consolidated

consolidated agreements

balance as

gross (in thousands)

Asset derivatives:

As of March 31, 2018

Derivative instruments, at fair value \$28,610 \$(27,971) \$639

Liability derivatives:

As of December 31, 2017

Derivative instruments, at fair value \$137,109 \$(27,971) \$109,138

Derivative

instruments,

recorded

E

Effect of

condensed master instruments,

consolidated agreements

balance sheet,

gross

(in thousands)

Asset derivatives:

Derivative instruments, at fair value \$14,338 \$(14,173) \$ 165

Liability derivatives:

Derivative instruments, at fair value \$101,645 \$ (14,173) \$87,472

NOTE 7 - PROPERTIES AND EQUIPMENT

The following table presents the components of properties and equipment, net of accumulated depreciation, depletion, and amortization ("DD&A"):

March 31, December

2018 31, 2017

(in thousands)

Properties and equipment, net:

Crude oil and natural gas properties

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Proved	\$4,706,258	\$4,356,922
Unproved	1,055,774	1,097,317
Total crude oil and natural gas properties	5,762,032	5,454,239
Infrastructure, pipeline, and other	125,529	109,359
Land and buildings	12,679	10,960
Construction in progress	294,311	196,024
Properties and equipment, at cost	6,194,551	5,770,582
Accumulated DD&A	(1,963,294)	(1,837,115)
Properties and equipment, net	\$4,231,257	\$3,933,467

The following table presents impairment charges recorded for crude oil and natural gas properties:

Three Months Ended March 31, 2018 2017 (in thousands)

Impairment of proved and unproved properties \$33,130 \$2,102 Amortization of individually insignificant unproved properties 58 91 Impairment of crude oil and natural gas properties \$33,188 \$2,193

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During the three months ended March 31, 2018, we recorded impairment charges of \$26.9 million, primarily related to certain unproved Delaware Basin leasehold positions that expired during the three months ended March 31, 2018.

Additionally, we corrected an error in our calculation of the unproved properties and goodwill impairment originally reported in the quarter ended September 30, 2017. The correction of the error resulted in an additional impairment charge of \$6.3 million, recorded in the three months ended March 31, 2018, which we have included in the impairment of properties and equipment expense line in our condensed consolidated statement of operations. We evaluated the error under the guidance of Accounting Standards Codification 250, Accounting Changes and Error Corrections ("ASC 250"). Based on the guidance in ASC 250, we determined that the impact of the error did not have a material impact to our previously-issued financial statements or those of the period of correction.

Utica Shale Divestiture. In March 2018, we completed the sale of our Utica Shale properties (the "Utica Shale Divestiture") for net cash proceeds of approximately \$39.0 million, subject to certain customary post-closing adjustments. We recorded a loss on sale of properties and equipment of \$1.4 million for the three months ended March 31, 2018. The divestiture of the Utica Shale properties did not represent a strategic shift in our operations or have a significant impact on our operations or financial results; therefore, we did not account for it as a discontinued operation.

Classification of Assets as Held-for-Sale. Assets held-for-sale as of