HollyFrontier Corp Form 10-Q November 05, 2015

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549		
FORM 10-Q		
(Mark One) QUARTERLY REPORT PURSUANT TO SECTION OF 1934	ON 13 OR 15(d) OF THE	SECURITIES EXCHANGE ACT
For the quarterly period ended September 30, 2015 OR		
TRANSITION REPORT PURSUANT TO SECTION OF 1934 For the transition period from to to Commission File Number 1-3876	. ,	SECURITIES EXCHANGE ACT
HOLLYFRONTIER CORPORATION (Exact name of registrant as specified in its charter)		
Delaware	75-1056913	
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Ident	ification No.)
2828 N. Harwood, Suite 1300 Dallas, Texas	75201	
(Address of principal executive offices) (214) 871-3555	(Zip Code)	
(Registrant's telephone number, including area code)		
(Former name, former address and former fiscal year, if	changed since last report)	
Indicate by check mark whether the registrant (1) has file	ed all reports required to b	e filed by Section 13 or 15 (d) of

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 ý 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 ($\S 232.405$ 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 \circ No "

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 the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer ý Accelerated filer "Non-accelerated filer "Smaller reporting company Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes "No ý 182,905,387 shares of Common Stock, par value \$.01 per share, were outstanding on October 30, 2015.

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HOLLYFRONTIER CORPORATION

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FORWARD-LOOKING STATEMENTS

References herein to HollyFrontier Corporation ("HollyFrontier") include HollyFrontier and its consolidated subsidiaries. In accordance with the Securities and Exchange Commission's ("SEC") "Plain English" guidelines, this Quarterly Report on Form 10-Q has been written in the first person. In this document, the words "we," "our," "ours" and "us" refer only to HollyFrontier and its consolidated subsidiaries or to HollyFrontier or an individual subsidiary and not to any other person with certain exceptions. Generally, the words "we," "our," "ours" and "us" include Holly Energy Partners, L.P. ("HEP") and its subsidiaries as consolidated subsidiaries of HollyFrontier, unless when used in disclosures of transactions or obligations between HEP and HollyFrontier or its other subsidiaries. This document contains certain disclosures of agreements that are specific to HEP and its consolidated subsidiaries and do not necessarily represent obligations of HollyFrontier. When used in descriptions of agreements and transactions, "HEP" refers to HEP and its consolidated subsidiaries.

This Quarterly Report on Form 10-Q contains certain "forward-looking statements" within the meaning of the federal securities laws. All statements, other than statements of historical fact included in this Form 10-Q, including, but not limited to, those under "Results of Operations," "Liquidity and Capital Resources" and "Risk Management" in Part I, Item 2 "Management's Discussion and Analysis of Financial Condition and Results of Operations" and those in Part II, Item 1 "Legal Proceedings" are forward-looking statements. Forward-looking statements use words such as "anticipate," "project," "expect," "plan," "goal," "forecast," "intend," "should," "would," "could," "believe," "may," and similar expressions and state regarding our plans and objectives for future operations. These statements are based on management's beliefs and assumptions using currently available information and expectations as of the date hereof, are not guarantees of future performance and involve certain risks and uncertainties. All statements concerning our expectations for future results of operations are based on forecasts for our existing operations and do not include the potential impact of any future acquisitions. Although we believe that the expectations reflected in these forward-looking statements are reasonable, we cannot assure you that our expectations will prove to be correct. Therefore, actual outcomes and results could materially differ from what is expressed, implied or forecast in these statements. Any differences could be caused by a number of factors including, but not limited to:

risks and uncertainties with respect to the actions of actual or potential competitive suppliers of refined petroleum products in our markets;

the demand for and supply of crude oil and refined products;

the spread between market prices for refined products and market prices for crude oil;

the possibility of constraints on the transportation of refined products;

the possibility of inefficiencies, curtailments or shutdowns in refinery operations or pipelines;

effects of governmental and environmental regulations and policies;

the availability and cost of our financing;

the effectiveness of our capital investments and marketing strategies;

our efficiency in carrying out construction projects;

our ability to acquire refined product operations or pipeline and terminal operations on acceptable terms and to integrate any existing or future acquired operations;

the possibility of terrorist attacks and the consequences of any such attacks;

general economic conditions; and

other financial, operational and legal risks and uncertainties detailed from time to time in our SEC filings.

Cautionary statements identifying important factors that could cause actual results to differ materially from our expectations are set forth in this Form 10-Q, including without limitation, the forward-looking statements that are referred to above. This summary discussion should be read in conjunction with the discussion of the known material risk factors and other cautionary statements under the heading "Risk Factors" included in Item 1A of our Annual Report

on Form 10-K for the year ended December 31, 2014 and our Quarterly Report on Form 10-Q for the quarter ended June 30, 2015 and in conjunction with the discussion in this Form 10-Q in "Management's Discussion and Analysis of Financial Condition and Results of Operations" under the heading "Liquidity and Capital Resources." All forward-looking statements included in this Form 10-Q and all subsequent written or oral forward-looking statements attributable to us or persons acting on our behalf are expressly qualified in their entirety by these cautionary statements. The forward-looking statements speak only as of the date made and, other than as required by law, we undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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PART I. FINANCIAL INFORMATION

DEFINITIONS

Within this report, the following terms have these specific meanings:

"BPD" means the number of barrels per calendar day of crude oil or petroleum products.

"BPSD" means the number of barrels per stream day (barrels of capacity in a 24 hour period) of crude oil or petroleum products.

"Biodiesel" means a clean alternative fuel produced from renewable biological resources.

"Black wax crude oil" is a low sulfur, low gravity crude oil produced in the Uintah Basin in Eastern Utah that has certain characteristics that require specific facilities to transport, store and refine into transportation fuels.

"Cracking" means the process of breaking down larger, heavier and more complex hydrocarbon molecules into simpler and lighter molecules.

"Crude oil distillation" means the process of distilling vapor from liquid crudes, usually by heating, and condensing the vapor slightly above atmospheric pressure turning it back to liquid in order to purify, fractionate or form the desired products.

"Ethanol" means a high octane gasoline blend stock that is used to make various grades of gasoline.

"FCC," or fluid catalytic cracking, means a refinery process that breaks down large complex hydrocarbon molecules into smaller more useful ones using a circulating bed of catalyst at relatively high temperatures.

"Hydrodesulfurization" means to remove sulfur and nitrogen compounds from oil or gas in the presence of hydrogen and a catalyst at relatively high temperatures.

"Hydrogen plant" means a refinery unit that converts natural gas and steam to high purity hydrogen, which is then used in the hydrodesulfurization, hydrocracking and isomerization processes.

"Isomerization" means a refinery process for rearranging the structure of C5/C6 molecules without changing their size or chemical composition and is used to improve the octane of C5/C6 gasoline blendstocks.

"LPG" means liquid petroleum gases.

"Lubricant" or "lube" means a solvent neutral paraffinic product used in commercial heavy duty engine oils, passenger car oils and specialty products for industrial applications such as heat transfer, metalworking, rubber and other general process oil.

"MSAT2" means Control of Hazardous Air Pollutants from Mobile Sources, a rule issued by the U.S. Environmental Protection Agency to reduce hazardous emissions from motor vehicles and motor vehicle fuels.

"MMBTU" means one million British thermal units.

"Refinery gross margin" means the difference between average net sales price and average product costs per produced barrel of refined products sold. This does not include the associated depreciation and amortization costs.

"Sour crude oil" means crude oil containing quantities of sulfur greater than 0.4 percent by weight, while "sweet crude oil" means crude oil containing quantities of sulfur equal to or less than 0.4 percent by weight.

"Vacuum distillation" means the process of distilling vapor from liquid crudes, usually by heating, and condensing the vapor below atmospheric pressure turning it back to a liquid in order to purify, fractionate or form the desired products.

"WCS" means Western Canada Select crude oil and is made up of Canadian heavy conventional and bitumen crude oils blended with sweet synthetic and condensate diluents.

"WTI" means West Texas Intermediate and is a grade of crude oil used as a common benchmark in oil pricing. WTI is a sweet crude oil and has a relatively low density.

"WTS" means West Texas Sour, a medium sour crude oil.

Item 1. Financial Statements HOLLYFRONTIER CORPORATION CONSOLIDATED BALANCE SHEETS

(In thousands, except share data)

ASSETS	September 30, 2015 (Unaudited)	December 31, 2014
Current assets: Cash and cash equivalents (HEP: \$10,856 and \$2,830, respectively) Marketable securities Total cash, cash equivalents and short-term marketable securities Accounts receivable: Product and transportation (HEP: \$32,968 and \$40,129,	\$239,731 387,053 626,784	\$567,985 474,110 1,042,095
respectively) Crude oil resales	495,231 27,118	507,040 82,865
Inventories: Crude oil and refined products Materials, supplies and other (HEP: \$1,903 and \$1,940, respectively) Income taxes receivable Deferred income tax assets Prepayments and other (HEP: \$2,671 and \$2,443, respectively)	522,349 899,513 137,511 1,037,024 — 48,419 73,097	589,905 920,104 115,027 1,035,131 11,719 — 104,148
Total current assets Properties, plants and equipment, at cost (HEP: \$1,316,492 and \$1,269,161,	2,307,673	2,782,998
respectively) Less accumulated depreciation (HEP: \$(284,590) and \$(244,850), respectively)	5,309,079 (1,331,821 3,977,258	4,852,441 (1,181,902) 3,670,539
Other assets: Turnaround costs Goodwill (HEP: \$288,991 and \$288,991, respectively) Intangibles and other (HEP: \$129,969 and \$73,928, respectively)	232,324 2,331,781 222,601 2,786,706	257,153 2,331,781 188,169 2,777,103
Total assets	\$9,071,637	\$9,230,640
LIABILITIES AND EQUITY Current liabilities: Accounts payable (HEP: \$11,236 and \$17,881, respectively) Income taxes payable Accrued liabilities (HEP: \$24,304 and \$26,321, respectively) Deferred income tax liabilities Total current liabilities	\$926,625 39,536 126,292 — 1,092,453	\$1,108,138 19,642 106,214 17,409 1,251,403
Long-term debt (HEP: \$951,067 and \$867,579, respectively) Deferred income taxes (HEP: \$356 and \$367, respectively) Other long-term liabilities (HEP: \$58,417 and \$47,170, respectively)	982,846 636,437 178,217	1,054,890 646,870 176,758
Equity: HollyFrontier stockholders' equity: Preferred stock, \$1.00 par value – 5,000,000 shares authorized; none issued	_	_

Common stock \$.01 par value – 320,000,000 shares authorized; 255,962,866 shares	2,560	2,560
issued as of September 30, 2015 and December 31, 2014	,	,
Additional capital	4,021,774	4,003,628
Retained earnings	3,375,226	2,778,577
Accumulated other comprehensive income	7,167	27,894
Common stock held in treasury, at cost – 70,957,479 and 59,876,776 shares as of	(1,785,559	(1,289,075)
September 30, 2015 and December 31, 2014, respectively	(1,765,559	(1,209,073)
Total HollyFrontier stockholders' equity	5,621,168	5,523,584
Noncontrolling interest	560,516	577,135
Total equity	6,181,684	6,100,719
Total liabilities and equity	\$9,071,637	\$9,230,640

Parenthetical amounts represent asset and liability balances attributable to Holly Energy Partners, L.P. ("HEP") as of September 30, 2015 and December 31, 2014. HEP is a consolidated variable interest entity.

See accompanying notes.

HOLLYFRONTIER CORPORATION CONSOLIDATED STATEMENTS OF INCOME

(Unaudited)

(In thousands, except per share data)

	Three Month September 3		Ended		Nine Months Ended September 30,		Ended	
	2015		2014		2015		2014	
Sales and other revenues Operating costs and expenses: Cost of products sold (exclusive of depreciation and amortization):	\$3,585,823		\$5,317,555		\$10,294,361		\$15,481,208	
Cost of products sold (exclusive of lower of cost or market inventory valuation adjustment)	2,653,859		4,625,893		7,792,707		13,439,359	
Lower of cost or market inventory valuation adjustment	225,451 2,879,310		— 4,625,893		83,425 7,876,132		— 13,439,359	
Operating expenses (exclusive of depreciation and amortization)	265,398		280,957		775,159		826,577	
General and administrative expenses (exclusive of depreciation and amortization)	30,746		27,149		86,432		82,437	
Depreciation and amortization Total operating costs and expenses Income from operations Other income (expense):	87,764 3,263,218 322,605		80,945 5,014,944 302,611		255,579 8,993,302 1,301,059		262,883 14,611,256 869,952	
Earnings (loss) of equity method investments Interest income	1,269 673	`	(1,247 1,004	-	(5,907 2,403		(2,956 3,593)
Interest expense Loss on early extinguishment of debt Gain (loss) on sale of essets	(11,102 — 7,228)	(11,038 — (556	-	(31,813 (1,370 8,867)	(33,521 (7,677)
Gain (loss) on sale of assets	(1,932)	(11,837		(27,820)	(556 (41,117)
Income before income taxes Income tax provision:	320,673		290,774		1,273,239		828,835	
Current Deferred	215,381 (105,315 110,066)	91,867 11,349 103,216		509,956 (63,172 446,784)	294,331 (2,169 292,162)
Net income Less net income attributable to noncontrolling interest Net income attributable to HollyFrontier stockholders Earnings per share attributable to HollyFrontier stockholders:	210,607 14,285 \$196,322		187,558 12,552 \$175,006		826,455 42,433 \$784,022		536,673 33,177 \$503,496	
Basic Diluted Cash dividends declared per common share Average number of common shares outstanding:	\$1.05 \$1.04 \$0.33		\$0.88 \$0.88 \$0.82		\$4.09 \$4.09 \$0.98		\$2.54 \$2.53 \$2.44	
Basic Diluted	187,208 187,344		197,261 197,535		191,182 191,282		197,895 198,096	

See accompanying notes.

HOLLYFRONTIER CORPORATION CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (Unaudited) (In thousands)

	Three Months Ended		Nine Months Ended					
	September 2015	30), 2014		September 2015	30), 2014	
	2015		2011		2013		2011	
Net income	\$210,607		\$187,558		\$826,455		\$536,673	
Other comprehensive income:								
Securities available-for-sale:								
Unrealized gain (loss) on marketable securities	166		(153)	217		(116)
Reclassification adjustments to net income on sale or			(12)	(46)	(13)
maturity of marketable securities			`			,	`	,
Net unrealized gain (loss) on marketable securities	166		(165)	171		(129)
Hedging instruments:								
Change in fair value of cash flow hedging instruments	(357)	5,133		(7,590)	143,857	
Reclassification adjustments to net income on settlement of	(9,248)	(13,844)	(27,683)	(31,710)
cash flow hedging instruments	(),240	,	(13,011	,	(27,003	,	(31,710	,
Amortization of unrealized loss attributable to discontinued	270		270		810		810	
cash flow hedges								
Net unrealized gain (loss) on hedging instruments	(9,335)	(8,441)	(34,463)	112,957	
Post-retirement benefit obligations:								
Loss on post-retirement healthcare plan	_				_		(89)
Retirement restoration plan loss reclassified to net income			422				422	
Net change in post-retirement benefit obligations			422		_		333	
Other comprehensive income (loss) before income taxes	(9,169)	(8,184)	(34,292)	113,161	
Income tax expense (benefit)	(3,488)	(3,428)	(13,088)	43,694	
Other comprehensive income (loss)	(5,681)	(4,756)	(21,204)	69,467	
Total comprehensive income	204,926		182,802		805,251		606,140	
Less noncontrolling interest in comprehensive income	14,127		13,225		41,956		33,455	
Comprehensive income attributable to HollyFrontier stockholders	\$190,799		\$169,577		\$763,295		\$572,685	

See accompanying notes.

HOLLYFRONTIER CORPORATION CONSOLIDATED STATEMENTS OF CASH FLOWS

(Unaudited) (In thousands)

	Nine Months E September 30,	Inded	
	2015	2014	
Cash flows from operating activities:			
Net income	\$826,455	\$536,673	
Adjustments to reconcile net income to net cash provided by operating activities:			
Depreciation and amortization	255,579	262,883	
Lower of cost or market inventory valuation adjustment	83,425		
Net loss of equity method investments, inclusive of distributions	8,282	5,268	
(Gain) loss on sale of assets	(8,619	556	
(Gain) loss on early extinguishment of debt attributable to unamortized premium /	(2 700	1 490	
discount	(3,788	1,489	
Deferred income taxes	(63,172	(2,169)
Equity-based compensation expense	21,928	20,728	
Change in fair value – derivative instruments	17,861	(12,199)
(Increase) decrease in current assets:			
Accounts receivable	68,021	8,530	
Inventories	(85,318	(225,698)
Income taxes receivable	11,719	76,488	
Prepayments and other	(8,312	24,719	
Increase (decrease) in current liabilities:			
Accounts payable	(203,289	109,912	
Income taxes payable	19,894		
Accrued liabilities	13,503	27,327	
Turnaround expenditures	(55,905	(32,236)
Other, net	5,077	3,662	
Net cash provided by operating activities	903,341	805,933	
Cash flows from investing activities:	(11.6.611	(20= 1= 6	
Additions to properties, plants and equipment	, ,	(307,476)
Additions to properties, plants and equipment – HEP		(61,657)
Purchase of equity method investment - HEP	(54,641) _	
Proceeds from sale of assets	15,831	14,711	
Purchases of marketable securities		(762,224)
Sales and maturities of marketable securities	490,251	863,769	
Other, net		5,021	
Net cash used for investing activities	(425,440	(247,856)
Cash flows from financing activities:			
Borrowings under credit agreement – HEP	443,000	538,600	
Repayments under credit agreement – HEP	(2.60.000	(346,600)
Redemption of senior notes	(155,156) —	,
Redemption of senior notes – HEP		(156,188)
Purchase of treasury stock	(481,766	(133,150)
Dividends	(187,372	(485,766)
DITIONION	(107,572	, (105,700	,

Distributions to noncontrolling interest Excess tax benefit from equity-based compensation	(61,366) (58,473 4,482)
Other, net	(3,495) (5,059)
Net cash used for financing activities	(806,155) (642,154)
Cash and cash equivalents:			
Decrease for the period	(328,254) (84,077)
Beginning of period	567,985	940,103	
End of period	\$239,731	\$856,026	
Supplemental disclosure of cash flow information:			
Cash paid during the period for:			
Interest	\$40,608	\$45,672	
Income taxes	\$484,516	\$222,488	
See accompanying notes.			
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HOLLYFRONTIER CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

NOTE 1: Description of Business and Presentation of Financial Statements

References herein to HollyFrontier Corporation ("HollyFrontier") include HollyFrontier and its consolidated subsidiaries. In accordance with the Securities and Exchange Commission's ("SEC") "Plain English" guidelines, this Quarterly Report on Form 10-Q has been written in the first person. In these financial statements, the words "we," "our," "ours" and "us" refer only to HollyFrontier and its consolidated subsidiaries or to HollyFrontier or an individual subsidiary and not to any other person, with certain exceptions. Generally, the words "we," "our," "ours" and "us" include Holly Energy Partners, L.P. ("HEP") and its subsidiaries as consolidated subsidiaries of HollyFrontier, unless when used in disclosures of transactions or obligations between HEP and HollyFrontier or its other subsidiaries. These financial statements contain certain disclosures of agreements that are specific to HEP and its consolidated subsidiaries and do not necessarily represent obligations of HollyFrontier. When used in descriptions of agreements and transactions, "HEP" refers to HEP and its consolidated subsidiaries.

We are principally an independent petroleum refiner that produces high-value light products such as gasoline, diesel fuel, jet fuel, specialty lubricant products, and specialty and modified asphalt. We own and operate petroleum refineries that serve markets throughout the Mid-Continent, Southwest and Rocky Mountain regions of the United States. As of September 30, 2015, we:

owned and operated a petroleum refinery in El Dorado, Kansas (the "El Dorado Refinery"), two refinery facilities located in Tulsa, Oklahoma (collectively, the "Tulsa Refineries"), a refinery in Artesia, New Mexico that is operated in eonjunction with crude oil distillation and vacuum distillation and other facilities situated 65 miles away in Lovington, New Mexico (collectively, the "Navajo Refinery"), a refinery located in Cheyenne, Wyoming (the "Cheyenne Refinery") and a refinery in Woods Cross, Utah (the "Woods Cross Refinery");

owned and operated NK Asphalt Partners ("NK Asphalt") which operates various asphalt terminals in Arizona, New Mexico and Oklahoma; and

owned a 39% interest in HEP, a consolidated variable interest entity ("VIE"), which includes our 2% general partner interest. HEP owns and operates logistic assets consisting of petroleum product and crude oil pipelines and terminal, tankage and loading rack facilities that principally support our refining and marketing operations in the Mid-Continent, Southwest and Rocky Mountain regions of the United States and Alon USA, Inc.'s ("Alon") refinery in Big Spring, Texas. Additionally, HEP owns a 75% interest in UNEV Pipeline, LLC ("UNEV"), which owns a 427-mile, 12-inch refined products pipeline from Salt Lake City, Utah to Las Vegas, Nevada, together with terminal facilities in the Cedar City, Utah and North Las Vegas areas (the "UNEV Pipeline"); a 50% interest in Frontier Pipeline Company, which owns a 289-mile crude oil pipeline from Casper, Wyoming to Frontier Station, Utah (the "Frontier Pipeline"); and a 25% interest in SLC Pipeline LLC (the "SLC Pipeline"), which owns a 95-mile intrastate pipeline system that serves refineries in the Salt Lake City area.

We have prepared these consolidated financial statements without audit. In management's opinion, these consolidated financial statements include all normal recurring adjustments necessary for a fair presentation of our consolidated financial position as of September 30, 2015, the consolidated results of operations and comprehensive income for the three and nine months ended September 30, 2015 and 2014 and consolidated cash flows for the nine months ended September 30, 2015 and 2014 in accordance with the rules and regulations of the SEC. Although certain notes and other information required by generally accepted accounting principles in the United States ("GAAP") have been condensed or omitted, we believe that the disclosures in these consolidated financial statements are adequate to make the information presented not misleading. These consolidated financial statements should be read in conjunction with

our Annual Report on Form 10-K for the year ended December 31, 2014 that has been filed with the SEC.

Our results of operations for the nine months ended September 30, 2015 are not necessarily indicative of the results of operations to be realized for the year ending December 31, 2015.

Accounts Receivable: Our accounts receivable consist of amounts due from customers that are primarily companies in the petroleum industry. Credit is extended based on our evaluation of the customer's financial condition, and in certain circumstances collateral, such as letters of credit or guarantees, is required. We reserve for doubtful accounts based on our historical loss experience as well as specific accounts identified as high risk, which historically have been minimal. Credit losses are charged to the allowance for doubtful accounts when an account is deemed uncollectible. Our allowance for doubtful accounts was \$2.3 million at September 30, 2015 and \$2.4 million at December 31, 2014.

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HOLLYFRONTIER CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited) Continued

Inventories: Inventories are stated at the lower of cost, using the last-in, first-out ("LIFO") method for crude oil, unfinished and finished refined products and the average cost method for materials and supplies, or market. In periods of rapidly declining prices, LIFO inventories may have to be written down to market value due to the higher costs assigned to LIFO layers in prior periods. In addition, the use of the LIFO inventory method may result in increases or decreases to cost of sales in years that inventory volumes decline as the result of charging cost of sales with LIFO inventory costs generated in prior periods. An actual valuation of inventory under the LIFO method is made at the end of each year based on the inventory levels at that time. Accordingly, interim LIFO calculations are based on management's estimates of expected year-end inventory levels and are subject to the final year-end LIFO inventory valuation.

Goodwill: We have goodwill that primarily arose from our merger with Frontier Oil Corporation on July 1, 2011. Goodwill represents the excess of the cost of an acquired entity over the fair value of the assets acquired and liabilities assumed. Goodwill is not subject to amortization and is tested annually or more frequently if events or circumstances indicate the possibility of impairment. As of September 30, 2015, there have been no impairments to goodwill.

We performed our annual goodwill impairment testing as of July 1, 2015, which entailed an assessment of our reporting unit fair values relative to their respective carrying values that were derived using a combination of both income and market approaches. Our income approach utilizes the discounted future expected cash flows. Our market approach, which includes both the guideline public company and guideline transaction methods, utilizes pricing multiples derived from historical market transactions of other like-kind assets. Our discounted cash flows reflect estimates of future cash flows based on both historical and forward crack-spreads, forecasted production levels, operating costs and capital expenditures. Our goodwill is allocated by reporting unit as follows: El Dorado, \$1.7 billion; Cheyenne, \$0.3 billion; and HEP, \$0.3 billion. Based on our testing as of July 1, 2015, the fair value of our Cheyenne reporting unit exceeded its carrying cost by approximately 8%. The fair value of our El Dorado and HEP reporting units substantially exceeded their respective carrying values. As of September 30, 2015, there have been no impairments to goodwill.

Historically, the refining industry has experienced significant fluctuations in operating results over an extended business cycle including changes in prices of crude oil and refined products, changes in operating costs including natural gas and higher costs of complying with government regulations. It is reasonably possible that at some future downturn in refining operations that the goodwill related to our Cheyenne Refinery will be determined to be impaired. Such impairment charges could be material.

New Accounting Pronouncements

Revenue Recognition

In May 2014, an accounting standard update (ASU 2014-09, "Revenue from Contracts with Customers") was issued requiring revenue to be recognized when promised goods or services are transferred to customers in an amount that reflects the expected consideration for these goods or services. This standard has an effective date of January 1, 2018, and we are evaluating the impact of this standard.

HEP, a consolidated VIE, is a publicly held master limited partnership that was formed to acquire, own and operate the petroleum product and crude oil pipeline and terminal, tankage and loading rack facilities that support our refining and marketing operations in the Mid-Continent, Southwest and Rocky Mountain regions of the United States. HEP also owns and operates refined product pipelines and terminals, located primarily in Texas, that serve Alon's refinery in Big Spring, Texas.

As of September 30, 2015, we owned a 39% interest in HEP, including the 2% general partner interest. As the general partner of HEP, we have the sole ability to direct the activities that most significantly impact HEP's financial performance, and therefore we consolidate HEP. See Note 16 for supplemental guarantor/non-guarantor financial information, including HEP balances included in these consolidated financial statements.

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HEP has two primary customers (including us) and generates revenues by charging tariffs for transporting petroleum products and crude oil though its pipelines, by charging fees for terminalling refined products and other hydrocarbons, and storing and providing other services at its storage tanks and terminals. Under our long-term transportation agreements with HEP (discussed further below), we accounted for 82% of HEP's total revenues for the nine months ended September 30, 2015. We do not provide financial or equity support through any liquidity arrangements and / or debt guarantees to HEP.

HEP has outstanding debt under a senior secured revolving credit agreement and its senior notes. With the exception of the assets of HEP Logistics Holdings, L.P., one of our wholly-owned subsidiaries and HEP's general partner, HEP's creditors have no recourse to our other assets. Any recourse to HEP's general partner would be limited to the extent of HEP Logistics Holdings, L.P.'s assets, which other than its investment in HEP are not significant. Furthermore, our creditors have no recourse to the assets of HEP and its consolidated subsidiaries. See Note 9 for a description of HEP's debt obligations.

HEP has risk associated with its operations. If a major customer of HEP were to terminate its contracts or fail to meet desired shipping or throughput levels for an extended period of time, revenue would be reduced and HEP could suffer substantial losses to the extent that a new customer is not found. In the event that HEP incurs a loss, our operating results will reflect HEP's loss, net of intercompany eliminations, to the extent of our ownership interest in HEP at that point in time.

Frontier Pipeline Transaction

On August 31, 2015, HEP purchased a 50% interest in Frontier Pipeline Company, owner of the Frontier Pipeline, from an affiliate of Enbridge, Inc. for \$54.6 million. Frontier Pipeline will continue to be operated by an affiliate of Plains All American Pipeline, L.P., which owns the remaining 50% interest. The 289-mile crude oil pipeline, which runs from Casper, Wyoming to Frontier Station, Utah, has a 72,000 barrels per day capacity. The Frontier Pipeline supplies Canadian and Rocky Mountain crudes to Salt Lake City area refiners through a connection to the SLC Pipeline.

El Dorado Asset Transaction

On November 1, 2015, HEP acquired from us newly constructed naphtha fractionation and hydrogen generation units at our El Dorado Refinery for cash consideration of \$62.0 million. In connection with this transaction, we entered into 15-year tolling agreements containing minimum quarterly throughput commitments that provide minimum annualized payments to HEP of \$15.3 million.

Transportation Agreements

HEP serves our refineries under long-term pipeline and terminal, tankage and throughput agreements expiring from 2019 through 2026. Under these agreements, we pay HEP fees to transport, store and throughput volumes of refined product and crude oil on HEP's pipeline and terminal, tankage and loading rack facilities that result in minimum annual payments to HEP including UNEV (a consolidated subsidiary of HEP). Under these agreements, the agreed upon tariff rates are subject to annual tariff rate adjustments on July 1 at a rate based upon the percentage change in Producer Price Index or Federal Energy Regulatory Commission index. As of September 30, 2015, these agreements result in minimum annualized payments to HEP of \$236.6 million.

Our transactions with HEP including fees paid under our transportation agreements with HEP and UNEV are eliminated and have no impact on our consolidated financial statements.

NOTE 3: Financial Instruments

Our financial instruments consist of cash and cash equivalents, investments in marketable securities, accounts receivable, accounts payable, debt and derivative instruments. The carrying amounts of cash and cash equivalents, accounts receivable and accounts payable approximate fair value. HEP's outstanding credit agreement borrowings also approximate fair value as interest rates are reset frequently at current interest rates.

Fair value measurements are derived using inputs (assumptions that market participants would use in pricing an asset or liability, including assumptions about risk). GAAP categorizes inputs used in fair value measurements into three broad levels as follows:

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

(Level 2) Observable inputs other than quoted prices included in Level 1, such as quoted prices for similar assets and liabilities in active markets, similar assets and liabilities in markets that are not active or can be corroborated by observable market data.

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(Level 3) Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities. This includes valuation techniques that involve significant unobservable inputs.

The carrying amounts and estimated fair values of investments in marketable securities, derivative instruments and senior notes at September 30, 2015 and December 31, 2014 were as follows:

			Fair Value by	Input Level	
Financial Instrument	Carrying Amount	Fair Value	Level 1	Level 2	Level 3
S	(In thousands))			
September 30, 2015					
Assets:	¢207.052	¢207.052	¢	¢207.052	Φ
Marketable securities	\$387,053	\$387,053	\$— 5.064	\$387,053	\$ —
NYMEX futures contracts	5,064	5,064	5,064	112.056	_
Commodity price swaps	113,956	113,956		113,956	 \$
Forward contracts	2,496	2,496	<u> </u>	2,496	
Total assets	\$508,569	\$508,569	\$5,064	\$503,505	\$ —
Liabilities:					
Commodity price swaps	\$140,194	\$140,194	\$—	\$140,194	\$ —
HEP senior notes	297,067	288,000	ψ—	288,000	Ψ—
HEP interest rate swaps	834	834		834	
Total liabilities	\$438,095	\$429,028	\$	\$429,028	 \$
December 31, 2014	Ψ-30,073	Ψ427,020	ψ—	Ψ427,020	ψ—
Assets:					
Marketable securities	\$474,110	\$474,110	\$	\$474,110	\$ —
NYMEX futures contracts	17,619	17,619	17,619	φ+/+,110	ψ—
Commodity price swaps	208,296	208,296	—	208,296	
HEP interest rate swaps	1,019	1,019		1,019	
Total assets	\$701,044	\$701,044	\$17,619	\$683,425	<u> </u>
Total assets	\$ 701,044	\$ 701,044	\$17,019	\$005,425	φ—
Liabilities:					
Commodity price swaps	\$196,897	\$196,897	\$—	\$196,897	\$
HollyFrontier senior notes	154,144	155,250	· —	155,250	\$— —
HEP senior notes	296,579	291,000		291,000	
HEP interest rate swaps	1,065	1,065		1,065	
Total liabilities	\$648,685	\$644,212	\$—	\$644,212	\$
	,	,	•	,	•

Level 1 Financial Instruments

Our NYMEX futures contracts are exchange traded and are measured and recorded at fair value using quoted market prices, a Level 1 input.

Level 2 Financial Instruments

Investments in marketable securities and derivative instruments consisting of commodity price swaps, forward sales and purchase contracts and HEP's interest rate swaps are measured and recorded at fair value using Level 2 inputs.

The fair values of the commodity price and interest rate swap contracts are based on the net present value of expected future cash flows related to both variable and fixed rate legs of the respective swap agreements. The measurements are computed using market-based observable inputs, quoted forward commodity prices with respect to our commodity price swaps and the forward London Interbank Offered Rate ("LIBOR") yield curve with respect to HEP's interest rate swaps. The fair value of the marketable securities and senior notes is based on values provided by a third-party, which were derived using market quotes for similar type instruments, a Level 2 input.

Level 3 Financial Instruments

We at times have forward commodity sales and purchase contracts for which quoted forward market prices are not readily available. The forward rate used to value these forward sales and purchase contracts are derived using a projected forward rate using quoted market rates for similar products, adjusted for regional pricing and grade differentials, a Level 3 input.

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The following table presents the changes in fair value of our Level 3 assets and liabilities (all related to derivative instruments) for the three and nine months ended September 30, 2015 and 2014:

	Three Months Ended September 30,		Nine Months I September 30		
Level 3 Financial Instruments	2015	2014	2015	2014	
	(In thousands))			
Liability balance at beginning of period	\$ —	\$(75,637)	\$ —	\$(35,318)
Change in fair value:					
Recognized in other comprehensive income		178,511	3,852	65,816	
Recognized in cost of products sold		11,085		12,970	
Settlement date fair value of contractual maturities:					
Recognized in sales and other revenues		6,202	(3,852)	80,476	
Recognized in cost of products sold		(4,251		(8,034)
Asset balance at end of period	\$ —	\$115,910	\$ —	\$115,910	

NOTE 4: Earnings Per Share

Basic earnings per share is calculated as net income attributable to HollyFrontier stockholders divided by the average number of shares of common stock outstanding. Diluted earnings per share assumes, when dilutive, the issuance of the net incremental shares from restricted shares and performance share units. The following is a reconciliation of the components of the basic and diluted per share computations for net income attributable to HollyFrontier stockholders:

components of the suste and analest per share companies	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	,
	2015	2014	2015	2014
	(In thousands,	except per share	e data)	
Net income attributable to HollyFrontier stockholders	\$196,322	\$175,006	\$784,022	\$503,496
Participating securities' share in earnings	567	471	2,245	1,416
Net income attributable to common shares	\$195,755	\$174,535	\$781,777	\$502,080
Average number of shares of common stock outstanding	187,208	197,261	191,182	197,895
Effect of dilutive variable restricted shares and performance share units (1)	136	274	100	201
Average number of shares of common stock outstanding assuming dilution	187,344	197,535	191,282	198,096
Basic earnings per share	\$1.05	\$0.88	\$4.09	\$2.54
Diluted earnings per share	\$1.04	\$0.88	\$4.09	\$2.53
(1) Excludes anti-dilutive restricted and performance share units of:	263	195	335	214

NOTE 5: Stock-Based Compensation

As of September 30, 2015, we have two principal share-based compensation plans (collectively, the "Long-Term Incentive Compensation Plan").

The compensation cost charged against income for these plans was \$6.4 million and \$6.0 million for the three months ended September 30, 2015 and 2014, respectively, and \$18.9 million and \$18.2 million for the nine months ended September 30, 2015 and 2014, respectively. Our accounting policy for the recognition of compensation expense for awards with pro-rata vesting is to expense the costs ratably over the vesting periods.

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Additionally, HEP maintains a share-based compensation plan for Holly Logistic Services, L.L.C.'s non-employee directors and certain executives and employees. Compensation cost attributable to HEP's share-based compensation plan was \$1.3 million and \$0.8 million for the three months ended September 30, 2015 and 2014, respectively, and \$3.0 million and \$2.5 million for the nine months ended September 30, 2015 and 2014, respectively.

Restricted Stock and Restricted Stock Units

Under our Long-Term Incentive Compensation Plan, we grant certain officers and other key employees restricted stock and restricted stock unit awards with awards generally vesting over a period of one to three years. Restricted stock award recipients are generally entitled to all the rights of absolute ownership of the restricted shares from the date of grant including the right to vote the shares and to receive dividends. Upon vesting, restrictions on the restricted shares lapse at which time they convert to common shares. In addition, we grant non-employee directors restricted stock unit awards, which typically vest over a period of one year and are payable in stock. The fair value of each restricted stock and restricted stock unit award is measured based on the grant date market price of our common shares and is amortized over the respective vesting period.

A summary of restricted stock and restricted stock unit activity and changes during the nine months ended September 30, 2015 is presented below:

Restricted Stock and Restricted Stock Units	Grants	Weighted Average Grant Date Fair Value	Aggregate Intrinsic Value (\$000)
Outstanding at January 1, 2015 (non-vested)	669,777	\$44.12	
Granted	12,969	40.33	
Vesting (transfer/conversion to common stock)	(8,699) 44.08	
Forfeited	(16,166) 43.83	
Outstanding at September 30, 2015 (non-vested)	657,881	\$44.05	\$31,920

For the nine months ended September 30, 2015, 8,699 restricted stock and restricted stock units vested having a grant date fair value of \$0.4 million. As of September 30, 2015, there was \$9.8 million of total unrecognized compensation cost related to non-vested restricted stock and restricted stock unit grants. That cost is expected to be recognized over a weighted-average period of 1.1 years.

Performance Share Units

Under our Long-Term Incentive Compensation Plan, we grant certain officers and other key employees performance share units, which are payable in stock upon meeting certain criteria over the service period, and generally vest over a period of three years. Under the terms of our performance share unit grants, awards are subject to "financial performance" and "market performance" criteria. Financial performance is based on our financial performance compared to a peer group of independent refining companies, while market performance is based on the relative standing of total shareholder return achieved by HollyFrontier compared to peer group companies. The number of shares ultimately issued under these awards can range from zero to 200% of target award amounts. As of September 30, 2015, estimated share payouts for outstanding non-vested performance share unit awards averaged approximately 33% of target amounts.

A summary of performance share unit activity and changes during the nine months ended September 30, 2015 is presented below:

Performance Share Units	Grants	
Outstanding at January 1, 2015 (non-vested)	725,054	
Granted	4,242	
Forfeited	(27,131)
Outstanding at September 30, 2015 (non-vested)	702,165	

As of September 30, 2015, there was \$12.4 million of total unrecognized compensation cost related to non-vested performance share units having a grant date fair value of \$43.68 per unit. That cost is expected to be recognized over a weighted-average period of 1.3 years.

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NOTE 6: Cash and Cash Equivalents and Investments in Marketable Securities

Our investment portfolio at September 30, 2015 consisted of cash, cash equivalents and investments in marketable securities.

We currently invest in marketable debt securities with the maximum maturity or put date of any individual issue generally not greater than one year from the date of purchase, which are usually held until maturity. All of these instruments are classified as available-for-sale. As a result, they are reported at fair value using quoted market prices. Interest income is recorded as earned. Unrealized gains and losses, net of related income taxes, are reported as a component of accumulated other comprehensive income. Upon sale or maturity, realized gains on our marketable debt securities are recognized as interest income. These gains are computed based on the specific identification of the underlying cost of the securities, net of unrealized gains and losses previously reported in other comprehensive income. Unrealized gains and losses on our available-for-sale securities are due to changes in market prices and are considered temporary.

The following is a summary of our marketable securities:

	Amortized Cost	Gross Unrealized Gain	Gross Unrealized Loss	Fair Value (Net Carrying Amount)
	(In thousands)			
September 30, 2015				
Certificates of deposit	\$5,999	\$4	\$ —	\$6,003
Commercial paper	58,299	21	_	58,320
Corporate debt securities	86,657	13	(31	86,639
State and political subdivisions debt securities	236,075	58	(42	236,091
Total marketable securities	\$387,030	\$96	\$(73	\$387,053
December 31, 2014				
Certificates of deposit	\$54,000	\$10	\$ —	\$54,010
Commercial paper	52,297	7	(4	52,300
Corporate debt securities	136,181	1	(94	136,088
State and political subdivisions debt securities	231,819	5	(112	231,712
Total marketable securities	\$474,297	\$23	\$(210	\$474,110

Interest income recognized on our marketable securities was \$0.5 million for both the three months ended September 30, 2015 and 2014, and \$1.4 million and \$1.7 million for the nine months ended September 30, 2015 and 2014, respectively.

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NOTE 7: Inventories

Inventory consists of the following components:

	september 50,	December 31,	,
	2015	2014	
	(In thousands)		
Crude oil	\$540,992	\$581,592	
Other raw materials and unfinished products ⁽¹⁾	175,468	204,467	
Finished products ⁽²⁾	663,956	531,523	
Lower of cost or market reserve	(480,903)	(397,478)
Process chemicals ⁽³⁾	7,275	4,028	
Repair and maintenance supplies and other	130,236	110,999	
Total inventory	\$1,037,024	\$1,035,131	

September 30

December 31

- (1)Other raw materials and unfinished products include feedstocks and blendstocks, other than crude.
- (2) Finished products include gasolines, jet fuels, diesels, lubricants, asphalts, LPG's and residual fuels.
- (3) Process chemicals include additives and other chemicals.

Inventories, which are valued at the lower of LIFO cost or market, reflect a valuation reserve of \$480.9 million and \$397.5 million at September 30, 2015 and December 31, 2014, respectively. The December 31, 2014 market reserve of \$397.5 million was reversed due to the sale of inventory quantities that gave rise to the 2014 reserve. A new market reserve of \$480.9 million was established as of September 30, 2015 based on market conditions and prices at that time. The effect of the change in lower of cost or market reserve was a \$225.5 million and \$83.4 million increase to cost of products sold for the three and nine months ended September 30, 2015, respectively.

NOTE 8: Environmental

Environmental costs are charged to operating expenses if they relate to an existing condition caused by past operations and do not contribute to current or future revenue generation. We have ongoing investigations of environmental matters at various locations as part of our assessment process to determine the amount of environmental obligation we may have, if any, with respect to these matters for which we have recorded the estimated cost of the studies. Liabilities are recorded when site restoration and environmental remediation, cleanup and other obligations are either known or considered probable and can be reasonably estimated. Such estimates are undiscounted and require judgment with respect to costs, time frame and extent of required remedial and cleanup activities and are subject to periodic adjustments based on currently available information. Recoveries of environmental costs through insurance, indemnification arrangements or other sources are included in other assets to the extent such recoveries are considered probable.

We expensed \$3.0 million and zero for the three months ended September 30, 2015 and 2014, respectively, and \$7.6 million and \$1.3 million for the nine months ended September 30, 2015 and 2014, respectively, for environmental remediation obligations. The accrued environmental liability reflected in our consolidated balance sheets was \$103.7 million and \$104.5 million at September 30, 2015 and December 31, 2014, respectively, of which \$84.0 million and \$81.8 million, respectively, were classified as other long-term liabilities. These accruals include remediation and

monitoring costs expected to be incurred over an extended period of time (up to 30 years for certain projects). The amount of our accrued liability could increase in the future when the results of ongoing investigations become known, are considered probable and can be reasonably estimated.

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NOTE 9: Debt

HollyFrontier Credit Agreement

We have a \$1 billion senior unsecured revolving credit facility maturing in July 2019 (the "HollyFrontier Credit Agreement"), which may be used for revolving credit loans and letters of credit from time to time and is available to fund general corporate purposes. Indebtedness under the HollyFrontier Credit Agreement is recourse to HollyFrontier and guaranteed by certain of our wholly-owned subsidiaries. At September 30, 2015, we were in compliance with all covenants, had no outstanding borrowings and had outstanding letters of credit totaling \$6.0 million under the HollyFrontier Credit Agreement.

HEP Credit Agreement

HEP has an \$850 million senior secured revolving credit facility that matures in November 2018 (the "HEP Credit Agreement") and is available to fund capital expenditures, investments, acquisitions, distribution payments and working capital and for general partnership purposes. It is also available to fund letters of credit up to a \$50 million sub-limit. At September 30, 2015, HEP was in compliance with all of its covenants, had outstanding borrowings of \$654.0 million and no outstanding letters of credit under the HEP Credit Agreement. In April 2015, HEP amended its credit agreement, increasing the size of the credit facility from \$650 million to \$850 million.

HEP's obligations under the HEP Credit Agreement are collateralized by substantially all of HEP's assets. Indebtedness under the HEP Credit Agreement involves recourse to HEP Logistics Holdings, L.P., its general partner, and is guaranteed by HEP's wholly-owned subsidiaries. Any recourse to the general partner would be limited to the extent of HEP Logistics Holdings, L.P.'s assets, which other than its investment in HEP are not significant. HEP's creditors have no recourse to our other assets. Furthermore, our creditors have no recourse to the assets of HEP and its consolidated subsidiaries.

HollyFrontier Senior Notes

In June 2015, we redeemed our \$150.0 million aggregate principal amount of 6.875% senior notes maturing November 2018 at a redemption cost of \$155.2 million at which time we recognized a \$1.4 million early extinguishment loss consisting of a \$5.2 million debt redemption premium, net of an unamortized premium of \$3.8 million.

HollyFrontier Financing Obligation

We have a financing obligation that relates to a sale and lease-back of certain crude oil tankage that we sold to an affiliate of Plains All American Pipeline, L.P. ("Plains") in October 2009 for \$40.0 million. Monthly lease payments are recorded as a reduction in principal over the 15-year lease term ending in 2024.

HEP Senior Notes

HEP's 6.5% senior notes (\$300 million aggregate principal amount maturing March 2020) (the "HEP Senior Notes") are unsecured and impose certain restrictive covenants, including limitations on HEP's ability to incur additional indebtedness, make investments, sell assets, incur certain liens, pay distributions, enter into transactions with affiliates, and enter into mergers. At any time when the HEP Senior Notes are rated investment grade by both Moody's and Standard & Poor's and no default or event of default exists, HEP will not be subject to many of the foregoing covenants. Additionally, HEP has certain redemption rights under the HEP Senior Notes.

In March 2014, HEP redeemed its \$150.0 million aggregate principal amount of 8.25% senior notes maturing March 2018 at a redemption cost of \$156.2 million, at which time HEP recognized a \$7.7 million early extinguishment loss consisting of a \$6.2 million debt redemption premium and unamortized discount and financing costs of \$1.5 million. HEP funded the redemption with borrowings under the HEP Credit Agreement.

Indebtedness under the HEP Senior Notes involves recourse to HEP Logistics Holdings, L.P., its general partner, and is guaranteed by HEP's wholly-owned subsidiaries. However, any recourse to the general partner would be limited to the extent of HEP Logistics Holdings, L.P.'s assets, which other than its investment in HEP, are not significant. HEP's creditors have no recourse to our other assets. Furthermore, our creditors have no recourse to the assets of HEP and its consolidated subsidiaries.

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The carrying amounts of long-term debt are as follows:

	September 30, 2015 (In thousands)	December 31, 2014	
6.875% Senior Notes			
Principal	\$ —	\$150,000	
Unamortized premium		4,144	
	_	154,144	
Financing Obligation	31,779	33,167	
Total HollyFrontier long-term debt	31,779	187,311	
HEP Credit Agreement	654,000	571,000	
HEP 6.5% Senior Notes			
Principal	300,000	300,000	
Unamortized discount	(2,933)	(3,421	`
Chamortized discount	297,067	296,579	,
	297,007	290,379	
Total HEP long-term debt	951,067	867,579	
Total long-term debt	\$982,846	\$1,054,890	

We capitalized interest attributable to construction projects of \$0.1 million and \$2.9 million for the three months ended September 30, 2015 and 2014, respectively, and \$5.5 million and \$9.0 million for the nine months ended September 30, 2015 and 2014, respectively.

NOTE 10: Derivative Instruments and Hedging Activities

Commodity Price Risk Management

Our primary market risk is commodity price risk. We are exposed to market risks related to the volatility in crude oil and refined products, as well as volatility in the price of natural gas used in our refining operations. We periodically enter into derivative contracts in the form of commodity price swaps, forward purchase and sales and futures contracts to mitigate price exposure with respect to:

our inventory positions;

natural gas purchases;

costs of crude oil and related grade differentials;

prices of refined products; and

our refining margins.

Accounting Hedges

We have swap contracts serving as cash flow hedges against price risk on forecasted purchases of natural gas and WTI crude oil and forecasted sales of refined product. We also have forward sales contracts that lock in the prices of future sales of refined product. These contracts have been designated as accounting hedges and are measured at fair value with offsetting adjustments (gains/losses) recorded directly to other comprehensive income. These fair value adjustments are later reclassified to earnings as the hedging instruments mature. On a quarterly basis, hedge ineffectiveness is measured by comparing the change in fair value of the swap contracts against the expected future cash inflows/outflows on the respective transaction being hedged. Any hedge ineffectiveness is also recognized in earnings.

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The following table presents the pre-tax effect on other comprehensive income ("OCI") and earnings due to fair value adjustments and maturities of commodity price swaps and forward sales under hedge accounting:

	Unrealized Gain (Loss) Recognized in	in (Loss) Gain (Loss) Recognized in Farnings Due to Settlements		Gain (Loss) Attr Hedge Ineffectiv Recognized in E		veness		
	OCI (In thousands)		Location	Amount		Location	Amount	
Three Months Ended September 30 2015		,						
Change in fair value	\$430		Sales and other revenues	\$57,513				
Gain reclassified to earnings due to settlements	9,774)	Cost of products sold	(44,023)			
Amortization of discontinued hedges reclassified to earnings	270		Operating expenses	(3,986)	Cost of products sold	\$638	
Total	\$(9,074)		\$9,504			\$638	
Three Months Ended September 30 2014),							
Change in fair value	\$4,580		Sales and other revenues	\$(6,202)	Sales and other revenues	\$1,498	
Gain reclassified to earnings due to settlements	(14,400)	Cost of products sold	20,776		Cost of products sold	(6,189)
Amortization of discontinued hedges reclassified to earnings	270		Operating expenses	(444)	Operating expenses	(99)
Total	\$(9,550)	1	\$14,130		1	\$(4,790)
Nine Months Ended September 30 2015	,							
Change in fair value	\$(5,217)	Sales and other revenues	\$156,445		Sales and other revenues	\$(274)
Gain reclassified to earnings due to settlements	(29,208)	Cost of products sold	(115,756)	Cost of products sold	4,376	
Amortization of discontinued hedg reclassified to earnings	e 810		Operating expenses	(12,231)	Operating expenses	547	
Total	\$(33,675)	-	\$28,458		expenses	\$4,649	
Nine Months Ended September 30 2014	,							
Change in fair value	\$145,046		Sales and other revenues	\$(80,475)	Sales and other revenues	\$1,498	
Gain reclassified to earnings due to settlements	(33,357)	Cost of products sold	111,217		Cost of products sold	(6,189)
	810		1	1,805		1	(905)

Amortization of discontinued hedg	ge	Operating		Operating		
reclassified to earnings		expenses		expenses		
Total	\$112,499		\$32,547		\$(5,596)

As of September 30, 2015, we have the following notional contract volumes related to outstanding derivative instruments serving as cash flow hedges against price risk on forecasted purchases of natural gas and crude oil and sales of refined products:

		Notional Contract Volumes by Year of						
		Maturity						
Derivative Instrument	Total Outstanding Notional	2015	2016	2017	Unit of Measure			
Natural gas - long	21,600,000	2,400,000	9,600,000	9,600,000	MMBTU			
WTI crude oil - long	2,760,000	2,760,000			Barrels			
Ultra-low sulfur diesel - short	2,760,000	2,760,000			Barrels			
Forward diesel sales	225,000	225,000	_		Barrels			

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In 2013, we dedesignated certain commodity price swaps (long positions) that previously received hedge accounting treatment. These contracts now serve as economic hedges against price risk on forecasted natural gas purchases totaling 21,600,000 MMBTU's to be purchased ratably through 2017. As of September 30, 2015, we have an unrealized loss of \$2.4 million classified in accumulated other comprehensive income that relates to the application of hedge accounting prior to dedesignation that is amortized as a charge to operating expenses as the contracts mature.

Economic Hedges

We also have swap contracts that serve as economic hedges (derivatives used for risk management, but not designated as accounting hedges) to fix our purchase price on forecasted purchases of WTI crude oil, and to lock in basis spread differentials on forecasted purchases of crude oil and natural gas. Also, we have NYMEX futures contracts to lock in prices on forecasted purchases of inventory. These contracts are measured at fair value with offsetting adjustments (gains/losses) recorded directly to income.

The following table presents the pre-tax effect on income due to maturities and fair value adjustments of our economic hedges:

	Three Mont	ths Ended	Nine Months Ended September 30,				
	September :	30,					
Location of Gain (Loss) Recognized in Income	2015	2014	2015	2014			
	(In thousands)						
Cost of products sold	\$13,872	\$27,773	\$41,445	\$3,367			
Operating expenses	(6,528) 3	(7,072) (185)		
Total	\$7,344	\$27,776	\$34,373	\$3,182			

As of September 30, 2015, we have the following notional contract volumes related to our outstanding derivative contracts serving as economic hedges:

conducts con any do conomic neages.		Notional Cor Maturity	ntract Volumes	s by Year of	
Derivative Instrument	Total Outstanding Notional	2015	2016	2017	Unit of Measure
Commodity price swap (crude basis spread) - long	5,866,000	1,840,000	4,026,000	_	Barrels
Commodity price swap (natural gas basis spread) - long	22,626,000	2,010,000	10,308,000	10,308,000	MMBTU
Commodity price swap (natural gas) - long	21,600,000	2,400,000	9,600,000	9,600,000	MMBTU
Commodity price swap (natural gas) - short	21,600,000	2,400,000	9,600,000	9,600,000	MMBTU
NYMEX futures (WTI) - short	1,760,000	1,083,000	677,000		Barrels
Physical contract - short	150,000	150,000			Barrels

Interest Rate Risk Management

HEP uses interest rate swaps to manage its exposure to interest rate risk.

As of September 30, 2015, HEP had three interest rate swap contracts that hedge its exposure to the cash flow risk caused by the effects of LIBOR changes on \$305.0 million in credit agreement advances. The first interest rate swap effectively converts \$155.0 million of LIBOR based debt to fixed-rate debt having an interest rate of 0.99% plus an applicable margin of 2.00% as of September 30, 2015, which equaled an effective interest rate of 2.99%. This swap matures in February 2016. HEP has two additional interest rate swaps with identical terms which effectively convert \$150.0 million of LIBOR based debt to fixed rate debt having an interest rate of 0.74% plus an applicable margin of 2.00% as of September 30, 2015, which equaled an effective interest rate of 2.74%. Both of these swap contracts mature in July 2017. All of these swap contracts have been designated as cash flow hedges. To date, there has been no ineffectiveness on these cash flow hedges.

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The following table presents the pre-tax effect on other comprehensive income and earnings due to fair value adjustments and maturities of HEP's interest rate swaps under hedge accounting:

adjustments and maturities of HEP's interest rate swaps unde	r hedge accounting	g:			
			nized in Earnings Due to		
	(Loss)	Settlements			
	Recognized in OCI	Location	Amount		
	(In thousands)				
Three Months Ended September 30, 2015	,				
Interest rate swaps					
Change in fair value	\$(787)			
Loss reclassified to earnings due to settlements	526	Interest expense	\$(526)	
Total	\$(261)	\$(526)	
Three Months Ended Sontomber 20, 2014					
Three Months Ended September 30, 2014					
Interest rate swaps	\$553				
Change in fair value		Interest surrence	¢ (556	`	
Loss reclassified to earnings due to settlements	556	Interest expense	\$(556 \$(556)	
Total	\$1,109		\$(556)	
Nine Months Ended September 30, 2015					
Interest rate swaps					
Change in fair value	\$(2,373)			
Loss reclassified to earnings due to settlements	1,585	Interest expense	\$(1,585)	
Total	\$(788)	\$(1,585)	
Nine Months Ended September 30, 2014					
Interest rate swaps					
Change in fair value	\$(1,189)			
Loss reclassified to earnings due to settlements	1,647	Interest expense	\$(1,647	`	
Total	\$458	interest expense	\$(1,647 \$(1,647)	
10111	Ψτθυ		Ψ(1,07/	,	
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The following table presents the fair value and balance sheet locations of our outstanding derivative instruments. These amounts are presented on a gross basis with offsetting balances that reconcile to a net asset or liability position in our consolidated balance sheets. We present on a net basis to reflect the net settlement of these positions in accordance with provisions of our master netting arrangements.

F	Derivatives in	Derivatives in Net Asset Position			Derivatives in Net Liability Position			
	Gross Assets	Gross Liabilities Offset in Balance She	eet	Net Assets Recognized in Balance Sheet	Gross Liabilities	Gross Assets Offset in Balance Sheet	Net Liabilities Recognized in Balance Sheet	
		(In thousand	ls)				Silect	
September 30, 2015 Derivatives designated as	anch flory hade	rina instrumer	at o					
Commodity price swap	_				0.44.704	Φ (1 A O 5 1)	426.070	
contracts	\$55,850	\$(51,209)	\$4,641	\$41,721	\$(14,851)	\$26,870	
Forward contracts	2,496	_		2,496	_	_		
Interest rate swap contracts	_			_	834	_	834	
	\$58,346	\$(51,209)	\$7,137	\$42,555	\$(14,851)	\$27,704	
Derivatives not designate	ed as cash flow l	nedging instru	ım	ents:				
Commodity price swap contracts	\$15,781	\$(13,539		\$2,242	\$33,841	\$(27,590)	\$6,251	
NYMEX futures contracts	5,064	_		5,064	_	_	_	
contracts	\$20,845	\$(13,539)	\$7,306	\$33,841	\$(27,590)	\$6,251	
Total net balance				\$14,443			\$33,955	
Balance sheet classification:					Accrued liabi	lities	\$6,575	
	Prepayment a	Prepayment and other \$14,443 \$14,443			Other long-term liabilities		27,380 \$33,955	
	Derivatives in	Net Asset Po	sit	tion	Derivatives in	Net Liability F	osition	
	Gross Assets	Gross Liabilities Offset in Balance She	eet	Net Assets Recognized in Balance Sheet	Gross Liabilities	Gross Assets Offset in Balance Shee	Net Liabilities Recognized in Balance Sheet	
		(In thousand	ls)					
December 31, 2014 Derivatives designated as	cach flow hade	ring instrumer	ato	•				
Derivatives designated as	\$ 173,658	\$(142,115)		\$21,441	\$ —	\$21,441	

Commodity price swap contracts								
Interest rate swap contracts	1,019	_		1,019	1,065	_		1,065
	\$174,677	\$(142,115)	\$32,562	\$22,506	\$—		\$22,506
Derivatives not designate	d as cash flow h	nedging instru	ım	ents:				
Commodity price swap contracts	\$17,630	\$(12,942)	\$4,688	\$20,398	\$(17,007)	\$3,391
NYMEX futures contracts	17,619	_		17,619	_	_		
	\$35,249	\$(12,942)	\$22,307	\$20,398	\$(17,007)	\$3,391
Total net balance				\$54,869				\$25,897
Balance sheet classification:	Prepayment ar	nd other		\$53,850				
	Intangibles and other			1,019 \$54,869	Other long-ter	m liabilities		\$25,897 \$25,897
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(Unaudited) Continued

At September 30, 2015, we had a pre-tax net unrealized loss of \$22.5 million classified in accumulated other comprehensive income that relates to all accounting hedges having contractual maturities through 2017. Assuming commodity prices and interest rates remain unchanged, an unrealized gain of \$0.7 million will be effectively transferred from accumulated other comprehensive income into the statement of income as the hedging instruments contractually mature over the next twelve-month period.

NOTE 11: Equity

Changes to equity during the nine months ended September 30, 2015 are presented below:

	HollyFrontier Stockholders' Equity	Noncontrollin Interest	ng Total Equity	
	(In thousands)			
Balance at December 31, 2014	\$5,523,584	\$577,135	\$6,100,719	
Net income	784,022	42,433	826,455	
Dividends	(187,372) —	(187,372)
Distributions to noncontrolling interest holders	_	(61,366) (61,366)
Other comprehensive loss, net of tax	(20,727) (477) (21,204)
Equity-based compensation	18,905	3,023	21,928	
Tax attributable to equity-based compensation	(1,020) —	(1,020)
Purchase of treasury stock (1)	(496,224) —	(496,224)
Purchase of HEP units for restricted grants	_	(247) (247)
Other	_	15	15	
Balance at September 30, 2015	\$5,621,168	\$560,516	\$6,181,684	
Barance at September 50, 2015	Ψ5,021,100	φυσο,υ10	Ψ0,101,001	

(1) Includes 3,030 shares withheld under the terms of stock-based compensation agreements to provide funds for the payment of payroll and income taxes due at the vesting of share-based awards.

In May 2015, our Board of Directors approved a \$1 billion share repurchase program, which replaced all existing share repurchase programs, authorizing us to repurchase common stock in the open market or through privately negotiated transactions. The timing and amount of stock repurchases will depend on market conditions and corporate, regulatory and other relevant considerations. This program may be discontinued at any time by the Board of Directors. As of September 30, 2015, we had remaining authorization to repurchase up to \$559.0 million under this stock repurchase program. In addition, we are authorized by our Board of Directors to repurchase shares in an amount sufficient to offset shares issued under our compensation programs.

During the second quarter of 2015, we entered into an accelerated share repurchase agreement ("ASR") with a large financial institution to repurchase \$300.0 million of our outstanding common stock. In May 2015 (at inception), we acquired 5.5 million shares, representing 80% of the amount paid based on then-market prices. The ASR was completed in September 2015, at which time we acquired an additional 1.2 million shares upon settlement. The final market purchase price per share averaged \$44.81, which was based on the volume-weighted average market purchase price of our common stock, less a discount, over the term of the ASR.

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NOTE 12: Other Comprehensive Income (Loss)

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The components and allocated tax effects of other comprehensive income (loss) are as follows:

The components and another an effects of other comprehensive in	Before-Tax	Tax Expense (Benefit)	After-Tax	
	(In thousands)			
Three Months Ended September 30, 2015				
Net unrealized gain on marketable securities	\$166	\$64	\$102	
Net unrealized loss on hedging instruments	(9,335	(3,552) (5,783)
Other comprehensive loss	(9,169	(3,488) (5,681)
Less other comprehensive loss attributable to noncontrolling	(150		(150	`
interest	(158	· 	(158)
Other comprehensive loss attributable to HollyFrontier stockholders	\$(9,011)	\$(3,488) \$(5,523)
Three Months Ended September 30, 2014				
Net unrealized loss on marketable securities	\$(165)	\$(64) \$(101)
Net unrealized loss on hedging instruments	(8,441	(3,527) (4,914)
Net change in post-retirement benefit obligations	422	163	259	
Other comprehensive loss	(8,184	(3,428) (4,756)
Less other comprehensive income attributable to noncontrolling interest	673	_	673	
Other comprehensive income attributable to HollyFrontier stockholders	\$(8,857)	\$(3,428) \$(5,429)
Stockholders				
Nine Months Ended September 30, 2015				
Net unrealized gain on marketable securities	\$171	\$66	\$105	
Net unrealized loss on hedging instruments	· ·	(13,154) (21,309)
Other comprehensive loss	(34,292	(13,088) (21,204)
Less other comprehensive loss attributable to noncontrolling interest	(477	· —	(477)
Other comprehensive loss attributable to HollyFrontier stockholders	\$(33,815)	\$(13,088) \$(20,727)
Nine Months Ended September 30, 2014				
Net unrealized loss on marketable securities	\$(129)	\$(50) \$(79)
Net unrealized gain on hedging instruments	112,957	43,616	69,341	
Net change in pension and other post-retirement benefit obligations	333	128	205	
Other comprehensive income	113,161	43,694	69,467	
Less other comprehensive income attributable to noncontrolling interest	278	_	278	
Other comprehensive income attributable to HollyFrontier stockholders	\$112,883	\$43,694	\$69,189	

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The following table presents the income statement line item effects for reclassifications out of accumulated other comprehensive income ("AOCI"):

AOCI Component	AOCI (In thousands)	eclassified From Ended September 30 2014	Income Statement Line Item
Marketable securities	\$— — —	\$12 5 7	Interest income Income tax expense Net of tax
Hedging instruments:			
Commodity price swaps	57,513 (44,023 (3,986	(6,202) 20,776) (444) Sales and other revenuesCost of products sold) Operating expenses
Interest rate swaps	(526 8,978 3,598 5,380 319) (556 13,574 5,384 8,190 337	Income tax expense Net of tax Noncontrolling interest
	5,699	8,527	Net of tax and noncontrolling interest
Retirement restoration plan	_	(422	General and administrative expenses
		(163 (259) Income tax benefit) Net of tax
Total reclassifications for the period	\$5,699	\$8,275	
	Nine Months I	Ended September 30,	
	2015	2014	
Marketable securities	\$4 42 46	\$13 — 13	Interest income Gain on sale of assets
	18	5	Income tax expense
	28	8	Net of tax
Hedging instruments:			
Commodity price swaps	156,445 (115,756	(80,475) 111,217) Sales and other revenues Cost of products sold

	(12,231) 1,805	Operating expenses
Interest rate swaps	(1,585) (1,647) Interest expense
	26,873	30,900	
	10,772	12,345	Income tax expense
	16,101	18,555	Net of tax
	961	998	Noncontrolling interest
	17,062	19,553	Net of tax and noncontrolling interest
Retirement restoration plan	_	(422	General and administrative expenses
	_	(163) Income tax benefit
		(259) Net of tax
Total reclassifications for the period	\$17,090	\$19,302	

Accumulated other comprehensive income in the equity section of our consolidated balance sheets includes:

	September 30,	December 31,	
	2015	2014	
	(In thousands)		
Unrealized gain on post-retirement benefit obligations	\$20,689	\$20,689	
Unrealized loss on marketable securities	20	(85)
Unrealized gain (loss) on hedging instruments, net of noncontrolling interest	(13,542	7,290	
Accumulated other comprehensive income	\$7,167	\$27,894	

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NOTE 13: Post-retirement Plans

We have a post-retirement healthcare and other benefits plan that is available to certain of our employees who satisfy certain age and service requirements. The net periodic benefit credit of this plan consisted of the following components:

	Three Months Ended		Nine Mon	Nine Months Ended		
	September	r 30,	September	September 30,		
	2015	2014	2015	2014		
	(In thousa	nds)				
Service cost – benefit earned during the period	\$424	\$224	\$1,272	\$672		
Interest cost on projected benefit obligations	205	159	615	478		
Amortization of prior service credit	(871) (1,074) (2,613) (3,222)	
Amortization of net loss	46	_	138			
Net periodic post-retirement credit	\$(196) \$(691) \$(588) \$(2,072)	

Additionally, we had a program that provided transition benefit payments to certain employees that participated in a previously terminated defined benefit plan. The program extended through 2014 and provided payments subsequent to year-end provided the employee was employed by us on the last day of each year. The payments are based on each employee's years of service and eligible salary. Transition benefit costs under this program were \$2.6 million for the three months ended September 30, 2014 and \$8.1 million for the nine months ended September 30, 2014. In March 2015, we paid all remaining amounts owed to plan participants of \$11.0 million.

NOTE 14: Contingencies

We are a party to various litigation and legal proceedings which we believe, based on advice of counsel, will not either individually or in the aggregate have a material adverse effect on our financial condition, results of operations or cash flows.

Pursuant to the 2007 Energy Independence and Security Act, the Environmental Protection Agency ("EPA") promulgated the Renewable Fuel Standard 2 ("RFS2") regulations reflecting the increased volume of renewable fuels mandated to be blended into the nation's fuel supply. The regulations, in part, require refiners to add annually increasing amounts of "renewable fuels" to their petroleum products or purchase credits, known as renewable identification numbers ("RINs"), in lieu of such blending. The EPA has not yet finalized the 2014 nor the 2015 percentage standards under its RFS2 program. In May 2015, the EPA revised the estimate of 2014 and 2015 percentage standards under its RFS2 program. Accordingly, in the second quarter of 2015, we recorded a \$4.1 million reduction of amounts accrued through December 2014.

In the third quarter of 2015, the EPA issued a memorandum stating they had made a mistake in their May 2015 estimate that they intend to correct when the 2014 percentage standards are finalized. We recorded a \$5.2 million increase to expense during the three months ended September 30, 2015 based on this memorandum. The estimated quantity of renewable fuels or RINs that we are required to purchase and that have been accrued for as of September 30, 2015 and December 31, 2014, as well as for the nine months and year then ended, are based on quantities proposed by the EPA as revised in May 2015. The EPA has indicated that it expects to finalize the 2014 and

2015 percentage requirements in November 2015 that are expected to reflect increases to the previous provisional amounts. Such amounts are not expected to be material.

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NOTE 15: Segment Information

Our operations are organized into two reportable segments, Refining and HEP. Our operations that are not included in the Refining and HEP segments are included in Corporate and Other. Intersegment transactions are eliminated in our consolidated financial statements and are included in Consolidations and Eliminations.

The Refining segment represents the operations of the El Dorado, Tulsa, Navajo, Cheyenne and Woods Cross Refineries and NK Asphalt (aggregated as a reportable segment). Refining activities involve the purchase and refining of crude oil and wholesale and branded marketing of refined products, such as gasoline, diesel fuel and jet fuel. These petroleum products are primarily marketed in the Mid-Continent, Southwest and Rocky Mountain regions of the United States. Additionally, the Refining segment includes specialty lubricant products produced at our Tulsa Refineries that are marketed throughout North America and are distributed in Central and South America. NK Asphalt operates various asphalt terminals in Arizona, New Mexico and Oklahoma.

The HEP segment includes all of the operations of HEP, which owns and operates logistics assets consisting of petroleum product and crude oil pipelines and terminal, tankage and loading rack facilities in the Mid-Continent, Southwest and Rocky Mountain regions of the United States. The HEP segment also includes a 75% ownership interest in UNEV (a consolidated subsidiary of HEP) and a 50% and 25% ownership interest in the Frontier Pipeline and the SLC Pipeline, respectively. Revenues from the HEP segment are earned through transactions with unaffiliated parties for pipeline transportation, rental and terminalling operations as well as revenues relating to pipeline transportation services provided for our refining operations. Due to certain basis differences, our reported amounts for the HEP segment may not agree to amounts reported in HEP's periodic public filings.

The accounting policies for our segments are the same as those described in the summary of significant accounting policies in our Annual Report on Form 10-K for the year ended December 31, 2014.

	Refining	HEP	Corporate and Other	Consolidations and Eliminations	Consolidated Total
	(In thousands))			
Three Months Ended September 30, 2015					
Sales and other revenues	\$3,571,192	\$88,389	\$104	\$(73,862	\$3,585,823
Depreciation and amortization	\$68,976	\$15,919	\$3,076	\$(207	\$87,764
Income (loss) from operations	\$310,810	\$43,702	\$(31,296)	\$(611	\$322,605
Capital expenditures	\$147,641	\$7,473	\$1,870	\$ —	\$156,984
Three Months Ended September 30, 2014					
Sales and other revenues	\$5,303,053	\$82,141	\$181	\$(67,820	\$5,317,555
Depreciation and amortization	\$63,109	\$15,078	\$2,965	\$(207	\$80,945
Income (loss) from operations	\$292,132	\$39,341	\$(28,313)	\$(549	\$302,611
Capital expenditures	\$98,115	\$22,875	\$3,374	\$ —	\$124,364

Nine Months Ended September 30,					
2015					
Sales and other revenues	\$10,246,965	\$261,624	\$473	\$(214,701) \$10,294,361
Depreciation and amortization	\$202,686	\$44,869	\$8,645	\$(621) \$255,579
Income (loss) from operations	\$1,261,024	\$128,746	\$(86,984) \$(1,727) \$1,301,059
Capital expenditures	\$405,738	\$57,286	\$10,873	\$ —	\$473,897
Nine Months Ended September 30, 2014					
Sales and other revenues	\$15,440,047	\$244,177	\$1,802	\$(204,818) \$15,481,208
Depreciation and amortization	\$210,490	\$45,739	\$7,275	\$(621) \$262,883
Income (loss) from operations	\$835,555	\$117,670	\$(81,670	\$(1,603)) \$869,952
Capital expenditures	\$290,392	\$61,657	\$17,084	\$ —	\$369,133
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	Refining	НЕР	Corporate and Other	Consolidations and Eliminations	Consolidated Total
	(In thousands)				
September 30, 2015					
Cash, cash equivalents and total investments in marketable securities	\$62	\$10,856	\$615,866	\$	\$626,784
Total assets	\$7,122,334	\$1,499,260	\$753,619	\$(303,576)	\$9,071,637
Long-term debt	\$ —	\$951,067	\$31,779	\$ —	\$982,846
December 31, 2014					
Cash, cash equivalents and total investments in marketable securities	\$88	\$2,830	\$1,039,177	\$—	\$1,042,095
Total assets	\$6,965,245	\$1,434,572	\$1,150,865	\$(320,042)	\$9,230,640
Long-term debt	\$ —	\$867,579	\$187,311	\$ —	\$1,054,890

HEP segment revenues from external customers were \$14.7 million for both the three months ended September 30, 2015 and 2014, and \$47.4 million and \$40.4 million for the nine months ended September 30, 2015 and 2014, respectively.

NOTE 16: Supplemental Guarantor/Non-Guarantor Financial Information

Any borrowings pursuant to the HollyFrontier Credit Agreement are recourse to HollyFrontier and guaranteed by certain of our wholly-owned subsidiaries ("Guarantor Restricted Subsidiaries"). HEP, in which we have a 39% ownership interest at September 30, 2015, and its subsidiaries (collectively, "Non-Guarantor Non-Restricted Subsidiaries"), and certain of our other subsidiaries ("Non-Guarantor Restricted Subsidiaries") have not guaranteed these obligations.

The following condensed consolidating financial information is provided for HollyFrontier Corporation (the "Parent"), the Guarantor Restricted Subsidiaries, the Non-Guarantor Restricted Subsidiaries and the Non-Guarantor Non-Restricted Subsidiaries. The information has been presented as if the Parent accounted for its ownership in the Guarantor Restricted Subsidiaries, and the Guarantor Restricted Subsidiaries accounted for the ownership of the Non-Guarantor Restricted Subsidiaries and Non-Guarantor Non-Restricted Subsidiaries, using the equity method of accounting. The Guarantor Restricted Subsidiaries and the Non-Guarantor Restricted Subsidiaries are collectively the "Restricted Subsidiaries."

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Condensed Consolidating Balance Sheet

September 30, 2015	Parent	Guarantor Restricted Subsidiaries	Non- Guarantor Restricted Subsidiari	Eliminations	Corp.	eNon-Guarar Non-Restric Subsidiaries onHEP Segment)	t & bnsolidati	Consolidated
ASSETS	(In thousand	ds)						
Current assets: Cash and cash equivalents	\$228,849	\$—	\$26	\$ —	\$228,875	\$10,856	\$—	\$239,731
Marketable securities	387,053	_	_	_	387,053	_	_	387,053
Accounts receivable, net Intercompany	3,542	516,964	2,775	_	523,281	32,968	(33,900)	522,349
accounts receivable	_	1,037,776	466,155	(1,503,931	· —	_	_	_
Inventories Deferred	_	1,035,121	_	_	1,035,121	1,903	_	1,037,024
income tax assets	48,419	_	_	_	48,419	_	_	48,419
Prepayments and other	8,222	69,150	_	_	77,372	2,671	(6,946)	73,097
Total current assets	676,085	2,659,011	468,956	(1,503,931	2,300,121	48,398	(40,846)	2,307,673
Properties, plants and equip, net	33,404	3,160,133	941	_	3,194,478	1,031,902	(249,122)	3,977,258
Investment in subsidiaries	7,199,848	361,459	_	(7,561,307) —	_	_	_
Intangibles and other assets	26,713	2,345,298	25,000	(25,000	2,372,011	418,960	(4,265)	2,786,706
Total assets	\$7,936,050	\$8,525,901	\$494,897	\$(9,090,238)	\$7,866,610	\$1,499,260	\$(294,233)	\$9,071,637
LIABILITIES AND EQUITY Current liabilities:								
Accounts payable	\$18,350	\$930,939	\$—	\$	\$949,289	\$11,236	\$(33,900)	\$926,625
Intercompany accounts	1,503,931	_	_	(1,503,931)	_	_	_	_

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payable Income tax payable	39,536	_	_	_	39,536	_	_	39,536
Accrued liabilities	51,481	55,720	1,733	_	108,934	24,304	(6,946)	126,292
Total current liabilities	1,613,298	986,659	1,733	(1,503,931)	1,097,759	35,540	(40,846)	1,092,453
Long-term debt	25,000	31,779	_	(25,000)	31,779	951,067	_	982,846
Liability to HEP	_	224,195	_		224,195	_	(224,195)	_
Deferred income tax liabilities	636,081	_	_	_	636,081	356	_	636,437
Other long-term liabilities	41,790	83,420	_	_	125,210	58,417	(5,410)	178,217
Investment in HEP	_	_	131,705	_	131,705	_	(131,705)	_
Equity – HollyFrontier	5,619,881	7,199,848	361,459	(7,561,307)	5,619,881	359,136	(357,849)	5,621,168
Equity – noncontrolling interest	_	_	_	_	_	94,744	465,772	560,516
Total liabilities and equity	\$7,936,050	\$8,525,901	\$494,897	\$(9,090,238)	\$7,866,610	\$1,499,260	\$(294,233)	\$9,071,637
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Table of Contents HOLLYFRONTIER CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited) Continued

Condensed Consolidating Balance Sheet

December 31, 2014	Parent	Guarantor Restricted Subsidiaries	Non- Guarantor Restricted Subsidiari	Eliminations	HollyFronti Corp. Before Consolidation	Subsidiaries	t & bnsolidati	Consolidated
ASSETS	(In thousand	ds)						
Current assets: Cash and cash equivalents	\$565,080	\$—	\$75	\$—	\$565,155	\$2,830	\$—	\$567,985
Marketable securities	474,068	42	_	_	474,110	_	_	474,110
Accounts receivable, net	5,107	579,526	3,774	_	588,407	40,129	(38,631	589,905
Intercompany accounts	_	171,341	397,540	(568,881)	_	_	_	_
receivable Inventories Income taxes	_	1,033,191	_	_	1,033,191	1,940	_	1,035,131
receivable	11,719	_		_	11,719	_	_	11,719
Prepayments and other	14,734	95,194	_	_	109,928	2,443	(8,223	104,148
Total current assets	1,070,708	1,879,294	401,389	(568,881)	2,782,510	47,342	(46,854)	2,782,998
Properties, plants and equip, net	31,808	2,873,350	902	_	2,906,060	1,024,311	(259,832)	3,670,539
Investment in subsidiaries	5,912,233	291,912	_	(6,204,145)	_	_	_	_
Intangibles and other assets	30,082	2,388,844	25,000	(25,000)	2,418,926	362,919	(4,742	2,777,103
Total assets	\$7,044,831	\$7,433,400	\$427,291	\$(6,798,026)	\$8,107,496	\$1,434,572	\$(311,428)	\$9,230,640
LIABILITIES AND EQUITY Current liabilities:								
Accounts payable	\$11,457	\$1,117,429	\$2	\$	\$1,128,888	\$17,881	\$(38,631)	\$1,108,138
Intercompany accounts	568,881	_	_	(568,881)	_	_	_	_

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payable								
Income taxes payable	19,642	_	_	_	19,642	_	_	19,642
Accrued liabilities	41,403	45,331	1,382	_	88,116	26,321	(8,223)	106,214
Deferred income tax liabilities	17,409	_	_	_	17,409	_	_	17,409
Total current liabilities	658,792	1,162,760	1,384	(568,881) 1,254,055	44,202	(46,854)	1,251,403
Long-term debt	179,144	33,167	_	(25,000) 187,311	867,579	_	1,054,890
Liability to HEP	_	233,217	_	_	233,217	_	(233,217)	_
Deferred income tax liabilities Other	646,503	_	_	_	646,503	367	_	646,870
long-term liabilities	43,451	92,023	_	_	135,474	47,170	(5,886)	176,758
Investment in HEP	_	_	133,995	_	133,995	_	(133,995)	_
Equity – HollyFrontier	5,516,941	5,912,233	291,912	(6,204,145	5,516,941	380,172	(373,529)	5,523,584
Equity – noncontrolling interest	_	_	_	_	_	95,082	482,053	577,135
Total liabilities and equity	\$7,044,831	\$7,433,400	\$427,291	\$(6,798,026	\$8,107,496	\$1,434,572	\$(311,428)	\$9,230,640

Table of Contents HOLLYFRONTIER CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited) Continued

Condensed Consolidating Statement of Income and Comprehensive Income

Three Months Ended September 30, 2015	Parent	Guarantor Restricted Subsidiaries	Non- Guarantor Restricted Subsidiari	Eliminatio	HollyFrontic Corp. Before Consolidation of HEP	Non-Restr	ic @d nsolida	Consolidated
	(In thousan	nds)				-		
Sales and other revenues Operating costs	\$107	\$3,571,188	\$1	\$—	\$3,571,296	\$ 88,389	\$ (73,862) \$3,585,823
and expenses: Cost of products sold Lower of cost or		2,726,848	_	(91) 2,726,757	_	(72,898) 2,653,859
market inventory valuation adjustment	_	225,451	_	_	225,451	_	_	225,451
Operating expenses	_	239,653	_	796	240,449	25,095	(146) 265,398
General and administrative	27,084	680	14	(705) 27,073	3,673	_	30,746
Depreciation and amortization	2,861	72,584	8	_	75,453	15,919	(3,608) 87,764
Total operating costs and expenses	29,945	3,265,216	22	_	3,295,183	44,687	(76,652	3,263,218
Income (loss) from operations Other income (expense):	(29,838)	305,972	(21)	_	276,113	43,702	2,790	322,605
Earnings (loss) of equity method investments	336,756	22,006	21,799	(358,762) 21,799	1,269	(21,799) 1,269
Interest income (expense)	(998)	1,740	219	_	961	(9,106)	(2,284) (10,429)
Gain on sale of assets	16	7,036	_	_	7,052	176	_	7,228
	335,774	30,782	22,018	(358,762) 29,812	(7,661)	(24,083) (1,932)
Income before income taxes	305,936	336,754	21,997	(358,762	305,925	36,041	(21,293	320,673

Income tax provision	109,997	_	_	_	109,997	69		110,066
Net income	195,939	336,754	21,997	(358,762)	195,928	35,972	(21,293)	210,607
Less net income attributable to noncontrolling interest	_	_	(9)	_	(9)	831	13,463	14,285
Net income attributable to HollyFrontier stockholders	\$195,939	\$336,754	\$22,006	\$(358,762)	\$195,937	\$35,141	\$ (34,756)	\$196,322
Comprehensive income attributable to HollyFrontier stockholders	\$190,414	\$327,419	\$21,903	\$(349,322)	\$190,414	\$35,038	\$ (34,653)	\$190,799

Condensed Consolidating Statement of Income and Comprehensive Income

Three Months Ended September 30, 2014	Parent	Guarantor Restricted Subsidiaries	Non- Guarantor Restricted Subsidiari	Elimination	HollyFronties Corp. Before Consolidation of HEP	Non-Restri	o Ceo nsolida	Consolidated
	(In thousan	nds)				,		
Sales and other revenues	\$103	\$5,303,131	\$—	\$	\$5,303,234	\$82,141	\$ (67,820	\$5,317,555
Operating costs and expenses:								
Cost of products sold	_	4,692,587	_	_	4,692,587	_	(66,694) 4,625,893
Operating expenses	_	255,871	_	_	255,871	25,456	(370	280,957
General and administrative	24,904	530	36	(587)	24,883	2,266	_	27,149
Depreciation and amortization	2,055	66,832	_	587	69,474	15,078	(3,607) 80,945
Total operating costs and expenses	26,959	5,015,820	36	_	5,042,815	42,800	(70,671) 5,014,944
Income (loss) from operations	(26,856)	287,311	(36)	_	260,419	39,341	2,851	302,611
Other income (expense): Earnings (loss)								
of equity method investments	305,736	17,021	19,040	(324,884)	16,913	880	(19,040) (1,247)
Interest income (expense)	(1,227	1,962	144	_	879	(8,585)	(2,328) (10,034)

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Loss on sale of assets	_	(556) —	_	(556) —		(556)
	304,509	18,427	19,184	(324,884	17,236	(7,705	(21,368	(11,837)
Income before income taxes	277,653	305,738	19,148	(324,884	277,655	31,636	(18,517	290,774	
Income tax provision	103,174	_	_	_	103,174	42	_	103,216	
Net income	174,479	305,738	19,148	(324,884	174,481	31,594	(18,517	187,558	
Less net income attributable to noncontrolling interest	_	_	_	_	_	1,509	11,043	12,552	
Net income attributable to HollyFrontier stockholders Comprehensive	\$174,479	\$305,738	\$19,148	\$(324,884)	\$174,481	\$30,085	\$ (29,560)	\$175,006	
income attributable to HollyFrontier stockholders	\$169,050	\$296,622	\$ 19,584	\$(316,206)	\$ 169,050	\$30,520	\$ (29,993)	\$169,577	

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Condensed Consolidating Statement of Income and Comprehensive Income

Nine Months Ended September 30, 2015	Parent	Guarantor Restricted Subsidiaries	Non- Guarantor Restricted Subsidiar		S	HollyFrontier Corp. Before Consolidation of HEP	Non-Restr	i cCac hsolida	Consolid	ated
	(In thousar	nds)								
Sales and other revenues Operating costs	\$381	\$10,247,056	\$1	\$		\$10,247,438	\$261,624	\$(214,701) \$10,294,	361
and expenses: Cost of products sold Lower of cost	_	8,004,718	_	(91)	8,004,627	_	(211,920) 7,792,70	7
or market inventory valuation	_	83,425	_	_		83,425	_	_	83,425	
adjustment										
Operating expenses	_	696,446	_	796		697,242	78,350	(433	775,159	
General and administrative	75,716	1,666	96	(705)	76,773	9,659		86,432	
Depreciation and amortization	7,769	213,628	24	_		221,421	44,869	(10,711) 255,579	
Total operating costs and expenses	83,485	8,999,883	120	_		9,083,488	132,878	(223,064) 8,993,302	2
Income (loss) from operations Other income	(83,104)	1,247,173	(119)	_		1,163,950	128,746	8,363	1,301,059)
(expense):										
Earnings (loss) of equity method investments	1,314,982	54,375	62,416	(1,377,898)	53,875	2,634	(62,416) (5,907)
Interest income (expense)	(1,835)	5,707	593	_		4,465	(26,926)	(6,949) (29,410)
Loss on early extinguishment of debt	(1,370)	_		_		(1,370) —	_	(1,370)
Gain on sale of assets	736	7,725	_	_		8,461	406	_	8,867	

			_	-	•			
	1,312,513	67,807	63,009	(1,377,898)	65,431	(23,886)	(69,365	(27,820)
Income before income taxes	1,229,409	1,314,980	62,890	(1,377,898)	1,229,381	104,860	(61,002	1,273,239
Income tax provision	446,678		_	_	446,678	106	_	446,784
Net income Less net income	782,731	1,314,980	62,890	(1,377,898)	782,703	104,754	(61,002	826,455
attributable to noncontrolling interest	_	_	(26)	_	(26)	6,601	35,858	42,433
Net income attributable to HollyFrontier stockholders Comprehensive	\$782,731	\$1,314,980	\$62,916	\$(1,377,898)	\$782,729	\$98,153	\$(96,860	\$784,022
income attributable to HollyFrontier stockholders	\$762,002	\$1,280,517	\$62,606	\$(1,343,123)	\$762,002	\$97,843	\$(96,550)	\$763,295
Condensed Cons Comprehensive	_	tatement of Inc	come and					
Nine Months Ended September 30, 2014	Parent	Guarantor Restricted Subsidiaries	Non- Guaranto Restricte Subsidia		HollyFrontier Corp. Before Consolidation of HEP	Non-Restri	Accord solidat	Consolidated
Sales and other	(In thousan	ids)						
revenues Operating costs and expenses:	\$383	\$15,440,531	\$935	\$—	\$15,441,849	\$244,177	\$(204,818)	\$15,481,208
Cost of products sold	_	13,640,897	_	_	13,640,897	_	(201,538	13,439,359
Operating expenses	_	754,798	_	_	754,798	72,835	(1,056	826,577
General and administrative	70,354	4,038	112	_	74,504	7,933	_	82,437
Depreciation and amortization Total operating	5,855	221,999	_	_	227,854	45,739	(10,710	262,883
costs and	76,209	14,621,732	112	_	14,698,053	126,507	(213,304	14,611,256
expenses Income (loss) from operations Other income (expense):	(75,826)	818,799	823	_	743,796	117,670	8,486	869,952
Earnings (loss) of equity method	871,883	47,589	51,455	(924,578	46,349	2,150	(51,455) (2,956)

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investments Interest income	(2,024	6,051	417	_	4,444	(27,365) (7,007) (29,928)
(expense) Loss on early									
extinguishment of debt	_	_	_	_	_	(7,677) —	(7,677)
Loss on sale of assets	_	(556)		_	(556) —	_	(556)
	869,859	53,084	51,872	(924,578) 50,237	(32,892) (58,462) (41,117)
Income before income taxes	794,033	871,883	52,695	(924,578) 794,033	84,778	(49,976) 828,835	
Income tax provision	292,017	_	_	_	292,017	145	_	292,162	
Net income	502,016	871,883	52,695	(924,578) 502,016	84,633	(49,976) 536,673	
Less net income)								
attributable to noncontrolling	_	_	_		_	6,562	26,615	33,177	
interest									
Net income attributable to									
HollyFrontier	\$502,016	\$871,883	\$52,695	\$(924,578) \$502,016	\$78,071	\$(76,591) \$503,496	
stockholders									
Comprehensive income									
attributable to	\$571,205	\$984,562	\$52,875	\$(1,037,437	7) \$571,205	\$78,250	\$(76,770) \$572,685	
HollyFrontier									
stockholders									
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Condensed Consolidating Statement of Cash Flows

Parent	Guarantor Restricted Subsidiaries	Non- Guarantor Restricted Subsidiarie		Corp. atBerfore	Non-Restrict Subsidiaries	te C onsolidation	Consolidated
(In thousand	ds)						
\$(525,515)	\$1,257,692	\$72,388	\$	\$ 804,565	\$ 165,527	\$ (66,751)	\$ 903,341
(8,126)	(408,422)	(63)	_	(416,611)	_	_	(416,611)
_	_	_	_	_	(57,286)	_	(57,286)
_	_	_	_	_	(54,641)	_	(54,641)
_	15,187	_		15,187	644	_	15,831
(402,984)	_	_	_	(402,984)	_	_	(402,984)
490,251	_	_	_	490,251	_	_	490,251
_	(863,068)	(72,389)	935,457	7 —	_	_	_
79,141	(1,256,303)	(72,452)	935,457	7 (314,157)	(111,283)	_	(425,440)
	_	_	_	_	83,000	_	83,000
	(In thousand \$(525,515)) (8,126) (402,984) 490,251	Parent Restricted Subsidiaries (In thousands) \$(525,515) \$1,257,692 (8,126) (408,422)	Parent Restricted Subsidiaries (In thousands) \$(525,515) \$1,257,692 \$72,388 (8,126) (408,422) (63)	Guarantor Restricted Subsidiaries	Parent Restricted Subsidiaries Restricted Subsidiaries Restricted Subsidiaries Restricted Subsidiaries Restricted Subsidiaries Corp. Consolidation of HEP (In thousands) \$(525,515) \$1,257,692 \$72,388 \$— \$804,565 (8,126) (408,422) (63) — (416,611) — — — — — — — — — — — — — — — — — —	Parent Restricted Subsidiaries Restricted Restricte	Parent Restricted Subsidiaries Corp. Non-Restricted Subsidiaries Consolidation (HEP Segment) Eliminatibarfore Subsidiaries Segment Eliminatibarfore Subsidiaries Consolidation (HEP Segment) Segment

Redemption of senior notes - HFC	(155,156) -		_	_			(155,156)	_		_	(155,156)
Purchase of treasury stock	(481,766) -		_	_		_	(481,766)	_		_	(481,766)
Dividends	(187,372) -	_	_	_			(187,372)	_		_	(187,372)
Distributions to noncontrolling interest	_	-		_	_	-	_	_		(128,117)	66,751	(61,366)
Other, net	(1,020) ((1,389) 1	5			(2,394)	(1,101)	_	(3,495)
Net advances from subsidiaries	935,457	-	_	_	_		(935,4)5′	7—		_		_	_	
	110,143	((1,389) 1	5		(935,4)5′	7(826,688)	(46,218)	66,751	(806,155)
Cash and cash equivalents Increase	(0.0 6.0.1							(0.0.5.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0		0.000			(220 27)	
(decrease) for the period	(336,231) -	_	(-	49) .	_	(336,280)	8,026		_	(328,254)
Beginning of period	565,080	-		7	75			565,155		2,830		_	567,985	
End of period	\$228,849		\$—	\$	5 2 6		\$—	\$ 228,875		\$ 10,856		\$ <i>—</i>	\$ 239,731	1

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Condensed Conso	Condensed Consolidating Statement of Cash Flows										
Nine Months Ended September 30, 2014	Parent	Guarantor Restricted Subsidiarie	Non- Guarantor Restricted Subsidiarie		HollyFrontie Corp. tiBnfore Consolidation	Subsidiaries	e C onsolidatio	Consolidated			
~	(In thousand	ds)				2 - 8					
Cash flows from operating activities	\$(260,533)	\$ 930,722	\$ 55,047	\$ <i>—</i>	\$ 725,236	\$ 140,154	\$ (59,457)	\$ 805,933			
Cash flows from investing activities: Additions to properties, plants	(8,373)	(298,272)	(831)	_	(307,476)	_	_	(307,476)			
and equipment Additions to											
properties, plants and equipment – HEP Proceeds from sale of assets	_	_	_	_	_	(61,657)	_	(61,657)			
	_	14,711	_	_	14,711	_	_	14,711			
Purchases of marketable securities	(762,224)	_	_	_	(762,224)	_	_	(762,224)			
Sales and maturities of marketable	863,769	_	_	_	863,769	_	_	863,769			
securities Other, net		5,021	_	_	5,021	_		5,021			
Net advances to Parent	_	(649,294)	(54,565)	703,859)	_	_	_			
raieni	93,172	(927,834)	(55,396)	703,859	(186,199)	(61,657)	_	(247,856)			
Cash flows from financing activities: Net borrowings											
under credit	_	_	_	_	_	192,000	_	192,000			
agreement – HEP Redemption of senior notes	_	_	_	_	_	(156,188)	_	(156,188)			

Purchase of	(133,150) —		_	(133,150)				(133,150)
treasury stock						`					
Dividends	(485,766)) —	_		(485,766)			_	(485,766)
Distributions to noncontrolling interest	_	_	_	_	_		(117,930)	59,457	(58,473)
Excess tax											
benefit from equity-based compensation	4,482	_	_	_	4,482		_		_	4,482	
Other, net	(3,257	(1,231) 493	_	(3,995)	(1,064)		(5,059)
Net advances from subsidiaries	703,859	_	_	(703,8)	59—		_		_	_	
	86,168	(1,231) 493	(703,8)	59(618,429)	(83,182)	59,457	(642,154)
Cash and cash equivalents Increase											
(decrease) for the period:	(81,193	1,657	144	_	(79,392)	(4,685)	_	(84,077)
Beginning of period	931,920	1,817	14	_	933,751		6,352		_	940,103	
End of period	\$850,727	\$3,474	\$ 158	\$ <i>-</i>	\$ 854,359		\$ 1,667		\$ —	\$ 856,020	6
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Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

This Item 2 contains "forward-looking" statements. See "Forward-Looking Statements" at the beginning of Part I of this Quarterly Report on Form 10-Q. References herein to HollyFrontier Corporation ("HollyFrontier") include HollyFrontier and its consolidated subsidiaries. In accordance with the Securities and Exchange Commission's ("SEC") "Plain English" guidelines, this Quarterly Report on Form 10-Q has been written in the first person. In this document, the words "we," "our," "ours" and "us" refer only to HollyFrontier and its consolidated subsidiaries or to HollyFrontier or an individual subsidiary and not to any other person, with certain exceptions. Generally, the words "we," "our," "ours" and "us" include Holly Energy Partners, L.P. ("HEP") and its subsidiaries as consolidated subsidiaries of HollyFrontier, unless when used in disclosures of transactions or obligations between HEP and HollyFrontier or its other subsidiaries. This document contains certain disclosures of agreements that are specific to HEP and its consolidated subsidiaries and do not necessarily represent obligations of HollyFrontier. When used in descriptions of agreements and transactions, "HEP" refers to HEP and its consolidated subsidiaries.

OVERVIEW

We are principally an independent petroleum refiner that produces high-value refined products such as gasoline, diesel fuel, jet fuel, specialty lubricant products, and specialty and modified asphalt. We own and operate refineries having a combined nameplate crude oil processing capacity of 443,000 barrels per day that serve markets throughout the Mid-Continent, Southwest and Rocky Mountain regions of the United States. Our refineries are located in El Dorado, Kansas (the "El Dorado Refinery"), Tulsa, Oklahoma (the, "Tulsa Refineries"), which comprise two production facilities, the Tulsa West and East facilities, a petroleum refinery in Artesia, New Mexico, which operates in conjunction with crude, vacuum distillation and other facilities situated 65 miles away in Lovington, New Mexico (collectively, the "Navajo Refinery"), Cheyenne, Wyoming (the, "Cheyenne Refinery") and Woods Cross, Utah (the "Woods Cross Refinery").

For the three months ended September 30, 2015, net income attributable to HollyFrontier stockholders was \$196.3 million compared to \$175.0 million for the three months ended September 30, 2014. For the nine months ended September 30, 2015, net income attributable to HollyFrontier stockholders was \$784.0 million compared to \$503.5 million for the nine months ended September 30, 2014. Our financial results for the third quarter of 2015 reflect a \$225.5 million (\$146.3 million after-tax) non-cash charge attributable to our third quarter lower of cost or market inventory adjustment. Excluding this inventory valuation charge, after-tax earnings for the three months ended September 30, 2015 was \$342.6 million, or \$1.82 per share.

Overall gross refining margins per produced product sold increased 27% and 21% over the respective three and nine months ended September 30, 2014. For the third quarter, our financial results reflect strong operational reliability across our refining system. We reported a new record quarter in terms of utilization rate, averaging 460,000 BPD of crude. Strong operations, improved realized margins, lower costs and share repurchases drove an 18% increase in earnings per share (over 100% excluding the third quarter lower of cost or market inventory valuation charge) compared to the third quarter of 2014.

OUTLOOK

Our profitability is affected by the spread, or differential, between the market prices for crude oil on the world market (which is based on the price for Brent, North Sea Crude) and the price for inland U.S. crude oil (which is based on the price for WTI). We expect continued volatility in the pricing relationship between inland and coastal crude, which is

currently averaging approximately \$3.00 per barrel.

Pursuant to the 2007 Energy Independence and Security Act, the Environmental Protection Agency ("EPA") promulgated the Renewable Fuel Standard 2 ("RFS2") regulations, which increased the volume of renewable fuels mandated to be blended into the nation's fuel supply. The regulations, in part, require refiners to add annually increasing amounts of "renewable fuels" to their petroleum products or purchase credits, known as renewable identification numbers ("RINs"), in lieu of such blending. Our RINs costs are material and represent a cost of products sold. The price of RINs may be extremely volatile due to real or perceived future shortages in RINs. As of September 30, 2015, we are purchasing RINs in order to meet approximately half of our renewable fuel requirements.

A more detailed discussion of our financial and operating results for the three and nine months ended September 30, 2015 and 2014 is presented in the following sections.

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RESULTS OF OPERATIONS

Financial Data (Unaudited)

	Three Months Ended September 30,				Change from 2014				
	2015	2015 2014			Change		Percent		
	(In thousands, except per share				e data)				
Sales and other revenues	\$3,585,823		\$5,317,555		\$(1,731,732	.)	(33)%	
Operating costs and expenses:									
Cost of products sold (exclusive of depreciation and amortization):									
Cost of products sold (exclusive of lower of cost or market inventory valuation adjustment)	2,653,859		4,625,893		(1,972,034)	(43)	
Lower of cost or market inventory valuation adjustment	225,451				225,451				
	2,879,310		4,625,893		(1,746,583)	(38)	
Operating expenses (exclusive of depreciation and amortization)	265,398		280,957		(15,559)	(6)	
General and administrative expenses (exclusive of depreciation and amortization)	30,746		27,149		3,597		13		
Depreciation and amortization	87,764		80,945		6,819		8		
Total operating costs and expenses	3,263,218		5,014,944		(1,751,726)	(35)	
Income from operations	322,605		302,611		19,994		7		
Other income (expense):									
Earnings (loss) of equity method investments	1,269		(1,247)	2,516		202		
Interest income	673		1,004		(331)	(33)	
Interest expense	(11,102)	(11,038)	(64)	1		
Gain (loss) on sale of assets	7,228		(556)	7,784		(1,400)	
)	(11,837)	9,905		(84)	
Income before income taxes	320,673		290,774		29,899		10		
Income tax provision	110,066		103,216		6,850		7		
Net income	210,607		187,558		23,049		12		
Less net income attributable to noncontrolling interest	14,285		12,552		1,733		14		
Net income attributable to HollyFrontier stockholders	\$196,322		\$175,006		\$21,316		12	%	
Earnings per share attributable to HollyFrontier stockholders:									
Basic	\$1.05		\$0.88		\$0.17		19	%	
Diluted	\$1.04		\$0.88		\$0.16		18	%	
Cash dividends declared per common share	\$0.33		\$0.82		\$(0.49)	(60)%	
Average number of common shares outstanding:					. (,	X = =	, · -	
Basic	187,208		197,261		(10,053)	(5)%	
Diluted	187,344		197,535		(10,191	-	(5)%	
	-		•			_	•	•	

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	Nine Months Ended September 30,			Change f				
	2015 (In thousands,	2014		Change		Percent		
Sales and other revenues	\$10,294,361	_	481,208	\$(5,186,8	347)	(34)%	
Operating costs and expenses:								
Cost of products sold (exclusive of depreciation and amortization):								
Cost of products sold (exclusive of lower of cost or market inventory valuation adjustment)	7,792,707	13,4	39,359	(5,646,65	(2)	(42)	
Lower of cost or market inventory valuation adjustment	83,425 7,876,132	— 13,4	39,359	83,425 (5,563,22	27)	— (41)	
Operating expenses (exclusive of depreciation and amortization)	775,159	826,		(51,418		(6)	
General and administrative expenses (exclusive of depreciation and amortization)	86,432	82,4	37	3,995		5		
Depreciation and amortization	255,579	262,	883	(7,304)	(3)	
Total operating costs and expenses	8,993,302	14,6	11,256	(5,617,95	(4)	(38)	
Income from operations	1,301,059	869,	952	431,107		50		
Other income (expense):								
Loss of equity method investments		(2,95	-	(2,951)	100		
Interest income	2,403	3,59		(1,190)	()	
Interest expense		(33,5)		1,708		(5)	
Loss on early extinguishment of debt	* '	(7,6)		6,307		(82)	
Gain (loss) on sale of assets	8,867	(556	,	9,423		(1,695)	
Income hefore income toyee		(41,1	-	13,297		(32)	
Income before income taxes	1,273,239 446,784	828, 292,		444,404 154,622		54 53		
Income tax provision Net income	826,455	536,		289,782		55 54		
Less net income attributable to noncontrolling interest	42,433	33,1		9,256		28		
Net income attributable to HollyFrontier stockholders	\$784,022		3,496	\$280,526		56	%	
Earnings per share attributable to HollyFrontier stockholders:	Ψ 7 0 1,022	Ψ50.	5,170	Ψ200,320	,	30	70	
Basic	\$4.09	\$2.5	4	\$1.55		61	%	
Diluted	\$4.09	\$2.5		\$1.56		62	%	
Cash dividends declared per common share	\$0.98	\$2.4		\$(1.46))%	
Average number of common shares outstanding:					,	`		
Basic	191,182	197,	895	(6,713)	(3)%	
Diluted	191,282	198,	096	(6,814)	(3)%	
Balance Sheet Data								
Septembe 2015 (Unaudite (In thousa						2014 ed)		
Cash, cash equivalents and short-term investments in ma Working capital Total assets	rketable securiti	es	\$626,784 \$1,215,2 \$9,071,6	1 20	\$1,5	42,095 31,595 30,640		

 Long-term debt
 \$982,846
 \$1,054,890

 Total equity
 \$6,181,684
 \$6,100,719

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Other Financial Data (Unaudited)

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Earnings before interest, taxes, depreciation and amortization, which we refer to as "EBITDA", is calculated as net income plus (i) interest expense, net of interest income, (ii) income tax provision, and (iii) depreciation and amortization. EBITDA is not a calculation provided for under GAAP; however, the amounts included in the EBITDA calculation are derived from amounts included in our consolidated financial statements. EBITDA should not be considered as an alternative to net income or operating income as an indication of our operating

(1) performance or as an alternative to operating cash flow as a measure of liquidity. EBITDA is not necessarily comparable to similarly titled measures of other companies. EBITDA is presented here because it is a widely used financial indicator used by investors and analysts to measure performance. EBITDA is also used by our management for internal analysis and as a basis for financial covenants. EBITDA presented above is reconciled to net income under "Reconciliations to Amounts Reported Under Generally Accepted Accounting Principles" following Item 3 of Part I of this Form 10-Q.

Our operations are organized into two reportable segments, Refining and HEP. See Note 15 "Segment Information" in the Notes to Consolidated Financial Statements for additional information on our reportable segments.

Refining Operating Data (Unaudited)

Our refinery operations include the El Dorado, Tulsa, Navajo, Cheyenne and Woods Cross Refineries. The following tables set forth information, including non-GAAP performance measures, about our consolidated refinery operations. The cost of products and refinery gross and net operating margins do not include the non-cash effects of lower of cost or market inventory valuation adjustments and depreciation and amortization. Reconciliations to amounts reported under GAAP are provided under "Reconciliations to Amounts Reported Under Generally Accepted Accounting Principles" following Item 3 of Part I of this Form 10-Q.

	Three Months September 30,		Nine Months E September 30,	Ended
	2015	2014	2015	2014
Mid-Continent Region (El Dorado and Tulsa				
Refineries)				
Crude charge (BPD) (1)	277,290	252,310	271,800	257,800
Refinery throughput (BPD) (2)	295,250	258,950	286,420	269,700
Refinery production (BPD) (3)	282,370	254,480	274,990	265,210
Sales of produced refined products (BPD)	267,360	249,850	265,210	256,520
Sales of refined products (BPD) (4)	312,990	280,220	291,210	274,580
Refinery utilization (5)	106.7 %	6 97.0 %	104.5 %	99.2 %
Average per produced barrel (6)				
Net sales	\$74.15	\$113.67	\$75.34	\$114.96
Cost of products (7)	55.48	100.32	58.27	101.35

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Refinery gross margin ⁽⁸⁾ Refinery operating expenses ⁽⁹⁾ Net operating margin ⁽⁸⁾	18.67 4.79 \$13.88		13.35 5.56 \$7.79		17.07 4.68 \$12.39		13.61 5.38 \$8.23	
Refinery operating expenses per throughput barrel (10)	\$4.34		\$5.36		\$4.33		\$5.12	
Feedstocks:								
Sweet crude oil	60	%	73	%	60	%	73	%
Sour crude oil	24	%	10	%	22	%	6	%
Heavy sour crude oil	10	%	15	%	13	%	16	%
Other feedstocks and blends	6	%	2	%	5	%	5	%
Total	100	%	100	%	100	%	100	%
38								

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	Three Months Ended September 30,			Nine Mon September),			
Mid Continent Beginn (El Danada and Tulca	2015		2014		2015		2014	
Mid-Continent Region (El Dorado and Tulsa								
Refineries)								
Sales of produced refined products:	40	01	47	01	40	01	16	07
Gasolines Discal feels	49		47 32		48		46	%
Diesel fuels	34		_		35		33	%
Jet fuels	7		7		7		8	%
Fuel oil	1	%			1		1	%
Asphalt	2		3		2		2	%
Lubricants	4		4		4		4	%
LPG and other	3		6		3		6	%
Total	100	%	100	%	100	%	100	%
Southwest Region (Navajo Refinery)								
Crude charge (BPD) (1)	104,910		98,290		100,100		99,030	
Refinery throughput (BPD) (2)	115,660		109,550		111,490		110,670	
Refinery production (BPD) (3)	113,890		107,120		109,750		108,290	
Sales of produced refined products (BPD)	111,080		107,290		111,330		107,350	
Sales of refined products (BPD) (4)	117,320		116,570		120,040		115,310	
Refinery utilization (5)	104.9	%	98.3	%	100.1	%	99.0	%
Average per produced barrel (6)								
Net sales	\$71.52		\$116.09		\$73.37		\$118.01	
Cost of products ⁽⁷⁾	51.65		98.39		54.45		101.90	
Refinery gross margin (8)	19.87		17.70		18.92		16.11	
Refinery operating expenses (9)	5.25		5.45		4.87		5.33	
Net operating margin (8)	\$14.62		\$12.25		\$14.05		\$10.78	
	+		T		7		7 - 0 1 1 0	
Refinery operating expenses per throughput barrel (10)	\$5.04		\$5.34		\$4.86		\$5.17	
Feedstocks:								
Sweet crude oil	39	%	14	%	34	%	9	%
Sour crude oil	52	%	76	%	56	%	78	%
Heavy sour crude oil	_	%	_	%		%	3	%
Other feedstocks and blends	9	%	10	%	10	%	10	%
Total	100	%	100	%	100	%	100	%
Sales of produced refined products:								
Gasolines	52	%	52	%	54	%	53	%
Diesel fuels	43	%	39	%	39	%	39	%
Fuel oil	2	%	4	%	2	%	4	%
Asphalt	1	%	1	%	1	%	1	%
LPG and other	2	%	4	%	4	%	3	%
Total	100		100		100		100	%
Rocky Mountain Region (Cheyenne and Woods		, .	~ ~	, .	~ ~	, 5		, .
Cross Refineries)								
Crude charge (BPD) (1)	77,890		59,020		69,190		64,750	
Crade charge (Di D)	11,000		27,020		07,170		5-1,750	

Refinery throughput (BPD) (2)	82,550	68,100	74,760	71,450	
Refinery production (BPD) (3)	77,930	66,030	70,380	68,730	
Sales of produced refined products (BPD)	77,620	59,200	67,680	68,790	
Sales of refined products (BPD) (4)	80,530	62,770	72,520	72,040	
Refinery utilization (5)	93.8	% 71.1	% 83.4	% 78.0	%
39					

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	Three Months Ended September 30,		Nine Months September 30	nded				
	2015		2014		2015		2014	
Rocky Mountain Region (Cheyenne and Woods								
Cross Refineries)								
Average per produced barrel (6)								
Net sales	\$74.53		\$115.14		\$73.79		\$114.25	
Cost of products ⁽⁷⁾	50.61		93.91		53.47		96.15	
Refinery gross margin (8)	23.92		21.23		20.32		18.10	
Refinery operating expenses (9)	8.10		11.63		9.64		10.05	
Net operating margin (8)	\$15.82		\$9.60		\$10.68		\$8.05	
Refinery operating expenses per throughput barrel (10)	\$7.62		\$10.11		\$8.73		\$9.68	
Feedstocks:								
Sweet crude oil	46	%	44	%	43	%	44	%
Sour crude oil		%	2	%	_	%	2	%
Heavy sour crude oil	36	%	27	%	37	%	30	%
Black wax crude oil	12	%	14	%	12	%	15	%
Other feedstocks and blends	6	%	13	%	8	%	9	%
Total	100	%	100	%	100	%	100	%
Sales of produced refined products:								
Gasolines	57	%	53	%	57	%	54	%
Diesel fuels	38	%	35	%	37	%	33	%
Fuel oil	3	%	2	%	3	%	1	%
Asphalt		%	5	%	1	%	6	%
LPG and other	2	%	5	%	2	%	6	%
Total	100	%	100	%	100	%	100	%
Consolidated								
Crude charge (BPD) (1)	460,090		409,620		441,090		421,580	
Refinery throughput (BPD) (2)	493,460		436,600		472,670		451,820	
Refinery production (BPD) (3)	474,190		427,630		455,120		442,230	
Sales of produced refined products (BPD)	456,060		416,310		444,220		432,660	
Sales of refined products (BPD) (4)	510,840		459,560		483,770		461,930	
Refinery utilization (5)	103.9	%	92.5	%	99.6	%	95.2	%
Average per produced barrel (6)								
Net sales	\$73.57		\$114.50		\$74.61		\$115.61	
Cost of products ⁽⁷⁾	53.72		98.91		56.58		100.66	
Refinery gross margin (8)	19.85		15.59		18.03		14.95	
Refinery operating expenses ⁽⁹⁾	5.46		6.39		5.48		6.11	
Net operating margin (8)	\$14.39		\$9.20		\$12.55		\$8.84	
Refinery operating expenses per throughput barrel	Φ.Ε. Ω.Ε.		Φ.C.1Ω		Φ.5.1.5		Φ. σ . Ο σ	
(10)	\$5.05		\$6.10		\$5.15		\$5.85	

Feedstocks:

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Sweet crude oil	52	% 54	% 51	% 53	%
Sour crude oil	27	% 25	% 26	% 23	%
Heavy sour crude oil	12	% 13	% 14	% 15	%
Black wax crude oil	2	% 2	% 2	% 2	%
Other feedstocks and blends	7	% 6	% 7	% 7	%
Total	100	% 100	% 100	% 100	%
40					

	Three Months Ended September 30,		Nine Mo Septemb	onths Ended per 30,	
	2015	2014	2015	2014	
Consolidated					
Sales of produced refined products:					
Gasolines	51	% 49	% 51	% 49	%
Diesel fuels	37	% 34	% 36	% 34	%
Jet fuels	4	% 4	% 4	% 5	%
Fuel oil	1	% 2	% 1	% 2	%
Asphalt	1	% 2	% 2	% 3	%
Lubricants	3	% 3	% 3	% 2	%
LPG and other	3	% 6	% 3	% 5	%
Total	100	% 100	% 100	% 100	%

- (1) Crude charge represents the barrels per day of crude oil processed at our refineries.
- Refinery throughput represents the barrels per day of crude and other refinery feedstocks input to the crude units and other conversion units at our refineries.
- (3) Refinery production represents the barrels per day of refined products yielded from processing crude and other refinery feedstocks through the crude units and other conversion units at our refineries.
- (4) Includes refined products purchased for resale.
- (5) Represents crude charge divided by total crude capacity (BPSD). Our consolidated crude capacity is 443,000 BPSD.
 - Represents average per barrel amount for produced refined products sold, which is a non-GAAP measure.
- (6) Reconciliations to amounts reported under GAAP are provided under "Reconciliations to Amounts Reported Under Generally Accepted Accounting Principles" following Item 3 of Part I of this Form 10-Q.
- (7) Transportation, terminal and refinery storage costs billed from HEP are included in cost of products.
- Excludes lower of cost or market inventory valuation adjustment of \$225.5 million and \$83.4 million for the three and nine months ended September 30, 2015, respectively.
- (9) Represents operating expenses of our refineries, exclusive of depreciation and amortization.
- (10) Represents refinery operating expenses, exclusive of depreciation and amortization, divided by refinery throughput.

Results of Operations – Three Months Ended September 30, 2015 Compared to Three Months Ended September 30, 2014

Summary

Net income attributable to HollyFrontier stockholders for the three months ended September 30, 2015 was \$196.3 million (\$1.05 per basic and \$1.04 per diluted share), a \$21.3 million increase compared to \$175.0 million (\$0.88 per basic and diluted share) for the three months ended September 30, 2014. Net income increased due principally to a year-over-year increase in third quarter refining margins, net of a current quarter non-cash lower of cost or market inventory valuation charge of \$146.3 million, net of tax. Refinery gross margins for the three months ended September 30, 2015 increased to \$19.85 per produced barrel from \$15.59 for the three months ended September 30, 2014.

Sales and Other Revenues

Sales and other revenues decreased 33% from \$5,317.6 million for the three months ended September 30, 2014 to \$3,585.8 million for the three months ended September 30, 2015 due to a year-over-year decrease in third quarter sales prices, partially offset by higher refined product sales volumes. The average sales price we received per

produced barrel sold was \$114.50 for the three months ended September 30, 2014 compared to \$73.57 for the three months ended September 30, 2015. Sales and other revenues for the three months ended September 30, 2015 and 2014 include \$14.7 million in HEP revenues attributable to pipeline and transportation services provided to unaffiliated parties.

Cost of Products Sold

Total cost of products sold decreased 38% from \$4,625.9 million for the three months ended September 30, 2014 to \$2,879.3 million for the three months ended September 30, 2015, due principally to lower crude oil costs, partially offset by higher sales volumes of refined products. Additionally, this decrease is partially offset by a \$225.5 million charge attributable to a new \$480.9 million lower of cost or market reserve at September 30, 2015. The reserve at September 30, 2015 is based on market conditions and prices at that time. Excluding this non-cash adjustment, the average price we paid per barrel for crude oil and feedstocks and the transportation costs of moving finished products to market decreased 46% from \$98.91 for the three months ended September 30, 2014 to \$53.72 for the three months ended September 30, 2015.

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Gross Refinery Margins

Gross refinery margin per produced barrel increased 27% from \$15.59 for the three months ended September 30, 2014 to \$19.85 for the three months ended September 30, 2015. This was due to the effects of decreased crude oil and feedstock prices, partially offset by a decrease in the average per barrel sales price for refined products sold during the current year quarter. Gross refinery margin does not include the non-cash effects of lower of cost or market inventory valuation adjustments or depreciation and amortization. See "Reconciliations to Amounts Reported Under Generally Accepted Accounting Principles" following Item 3 of Part I of this Form 10-Q for a reconciliation to the income statement of prices of refined products sold and cost of products purchased.

Operating Expenses

Operating expenses, exclusive of depreciation and amortization, decreased 6% from \$281.0 million for the three months ended September 30, 2014 to \$265.4 million for the three months ended September 30, 2015. This decrease is principally due to lower repair and maintenance costs compared to the same period of 2014.

General and Administrative Expenses

General and administrative expenses increased 13% from \$27.1 million for the three months ended September 30, 2014 to \$30.7 million for the three months ended September 30, 2015 due principally to higher salary and incentive compensation expense during the current year quarter.

Depreciation and Amortization Expenses

Depreciation and amortization increased 8% from \$80.9 million for the three months ended September 30, 2014 to \$87.8 million for the three months ended September 30, 2015. This increase was due principally to depreciation and amortization attributable to capitalized improvement projects and capitalized refinery turnaround costs.

Interest Income

Interest income for the three months ended September 30, 2015 was \$0.7 million compared to \$1.0 million for the three months ended September 30, 2014. This decrease was due to lower investment levels in marketable debt securities during the current year quarter.

Interest Expense

Interest expense was \$11.1 million for the three months ended September 30, 2015 compared to \$11.0 million for the three months ended September 30, 2014. The slight increase is due to interest attributable to higher HEP debt levels during the current year quarter relative to the same period of 2014. This was partially offset by lower HollyFrontier interest following the June 2015 redemption of the HollyFrontier \$150.0 million 6.875% senior notes. For the three months ended September 30, 2015 and 2014, interest expense included \$9.5 million and \$8.6 million, respectively, in interest costs attributable to limited recourse debt that finances HEP operations.

Income Taxes

For the three months ended September 30, 2015, we recorded income tax expense of \$110.1 million compared to \$103.2 million for the three months ended September 30, 2014. This increase is due principally to higher pre-tax earnings during the three months ended September 30, 2015 compared to the same period of 2014. Our effective tax rates, before consideration of earnings attributable to the noncontrolling interest, were 34.3% and 35.5% for the three months ended September 30, 2015 and 2014, respectively.

Results of Operations – Nine Months Ended September 30, 2015 Compared to Nine Months Ended September 30, 2014

Summary

Net income attributable to HollyFrontier stockholders for the nine months ended September 30, 2015 was \$784.0 million (\$4.09 per basic and diluted share), a \$280.5 million increase compared to \$503.5 million (\$2.54 per basic and \$2.53 per diluted share) for the nine months ended September 30, 2014. Net income increased due principally to a year-over-year increase in refining margins and sales volumes, partially offset by a lower of cost or market inventory valuation charge of \$54.1 million, net of tax. Refinery gross margins for the nine months ended September 30, 2015 increased to \$18.03 per produced barrel from \$14.95 for the nine months ended September 30, 2014.

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Sales and Other Revenues

Sales and other revenues decreased 34% from \$15,481.2 million for the nine months ended September 30, 2014 to \$10,294.4 million for the nine months ended September 30, 2015 due to a year-over-year decrease in sales prices, partially offset by higher refined product sales volumes. The average sales price we received per produced barrel sold was \$115.61 for the nine months ended September 30, 2014 compared to \$74.61 for the nine months ended September 30, 2015. Sales and other revenues for the nine months ended September 30, 2015 and 2014 include \$47.4 million and \$40.4 million, respectively, in HEP revenues attributable to pipeline and transportation services provided to unaffiliated parties.

Cost of Products Sold

Total cost of products sold decreased 41% from \$13,439.4 million for the nine months ended September 30, 2014 to \$7,876.1 million for the nine months ended September 30, 2015, due principally to lower crude oil costs, partially offset by higher sales volumes of refined products. Additionally, this decrease is partially offset by an \$83.4 million charge attributable to a new \$480.9 million lower of cost or market reserve at September 30, 2015 that was partially offset by the reversal of the \$397.5 million lower of cost or market inventory reserve that was established in 2014. The reserve at September 30, 2015 is based on market conditions and prices at that time. Excluding this non-cash adjustment, the average price we paid per barrel for crude oil and feedstocks and the transportation costs of moving the finished products to the marketplace decreased 44% from \$100.66 for the nine months ended September 30, 2014 to \$56.58 for the nine months ended September 30, 2015.

Gross Refinery Margins

Gross refinery margin per produced barrel increased 21% from \$14.95 for the nine months ended September 30, 2014 to \$18.03 for the nine months ended September 30, 2015. This was due to the effects of decreased crude oil and feedstock prices, partially offset by a decrease in the average per barrel sales price for refined products sold during the current year-to-date period. Gross refinery margin does not include the non-cash effects of lower of cost or market inventory valuation adjustments or depreciation and amortization. See "Reconciliations to Amounts Reported Under Generally Accepted Accounting Principles" following Item 3 of Part I of this Form 10-Q for a reconciliation to the income statement of prices of refined products sold and cost of products purchased.

Operating Expenses

Operating expenses, exclusive of depreciation and amortization, decreased 6% from \$826.6 million for the nine months ended September 30, 2014 to \$775.2 million for the nine months ended September 30, 2015 due principally to lower natural gas fuel and repair and maintenance costs compared to the same period of 2014.

General and Administrative Expenses

General and administrative expenses increased from \$82.4 million for the nine months ended September 30, 2014 to \$86.4 million for the nine months ended September 30, 2015. This is attributable to overall higher incentive compensation and legal costs for the current year, net of the effects of state high-wage credits recognized during the second quarter of 2015.

Depreciation and Amortization Expenses

Depreciation and amortization decreased 3% from \$262.9 million for the nine months ended September 30, 2014 to \$255.6 million for the nine months ended September 30, 2015. This decrease was due principally to the recognition of higher accelerated depreciation levels of assets no longer in operation during 2014, partially offset by depreciation and amortization during the current year attributable to capitalized improvement projects and capitalized refinery turnaround costs.

Interest Income

Interest income for the nine months ended September 30, 2015 was \$2.4 million compared to \$3.6 million for the nine months ended September 30, 2014. This decrease was due to lower investment levels in marketable debt securities during the year-to-date period.

Interest Expense

Interest expense was \$31.8 million for the nine months ended September 30, 2015 compared to \$33.5 million for the nine months ended September 30, 2014. This decrease was due to HEP's increased utilization of lower interest rate borrowings under the HEP Credit Agreement, which it used to finance the redemption of its \$150.0 million 8.25% senior notes in March 2014. This was partially offset by lower HollyFrontier interest following the June 2015 redemption of the HollyFrontier \$150.0 million 6.875% senior notes. For the nine months ended September 30, 2015 and 2014, interest expense included \$27.3 million and \$27.4 million, respectively, in interest costs attributable to limited recourse debt that finances HEP operations.

Loss on Early Extinguishment of Debt

In June 2015, we redeemed our \$150.0 million aggregate principal amount of 6.875% senior notes maturing November 2018 at a redemption cost of \$155.2 million, at which time we recognized a \$1.4 million early extinguishment loss consisting of a \$5.2 million debt redemption premium, net of an unamortized premium of \$3.8 million.

In March 2014, HEP redeemed its \$150.0 million aggregate principal amount of 8.25% senior notes maturing March 2018 at a redemption cost of \$156.2 million, at which time it recognized a \$7.7 million early extinguishment loss consisting of a \$6.2 million debt redemption premium and unamortized discount and financing costs of \$1.5 million.

Income Taxes

For the nine months ended September 30, 2015, we recorded income tax expense of \$446.8 million compared to \$292.2 million for the nine months ended September 30, 2014. This increase was due principally to higher pre-tax earnings during the nine months ended September 30, 2015 compared to the same period of 2014. Our effective tax rates, before consideration of earnings attributable to the noncontrolling interest, were 35.1% and 35.2% for the nine months ended September 30, 2015 and 2014, respectively.

LIQUIDITY AND CAPITAL RESOURCES

HollyFrontier Credit Agreement

We have a \$1 billion senior unsecured revolving credit facility maturing in July 2019 (the "HollyFrontier Credit Agreement"), which may be used for revolving credit loans and letters of credit from time to time and is available to fund general corporate purposes. Indebtedness under the HollyFrontier Credit Agreement is recourse to HollyFrontier and guaranteed by certain of our wholly-owned subsidiaries. At September 30, 2015, we were in compliance with all covenants, had no outstanding borrowings and had outstanding letters of credit totaling \$6.0 million under the HollyFrontier Credit Agreement.

HEP Credit Agreement

HEP has an \$850 million senior secured revolving credit facility that matures in November 2018 (the "HEP Credit Agreement") and is available to fund capital expenditures, investments, acquisitions, distribution payments and working capital and for general partnership purposes. It is also available to fund letters of credit up to a \$50 million sub-limit. At September 30, 2015, HEP was in compliance with all of its covenants, had outstanding borrowings of \$654.0 million and no outstanding letters of credit under the HEP Credit Agreement. In April 2015, HEP amended its credit agreement, increasing the size of the credit facility from \$650 million to \$850 million.

See Note 9 "Debt" in the Notes to Consolidated Financial Statements for additional information on our debt instruments.

Liquidity

We believe our current cash and cash equivalents, along with future internally generated cash flow and funds available under our credit facilities, will provide sufficient resources to fund currently planned capital projects and our liquidity needs for the foreseeable future. In addition, components of our growth strategy include construction of new refinery processing units and the expansion of existing units at our facilities and selective acquisition of complementary assets for our refining operations intended to increase earnings and cash flow.

As of September 30, 2015, our cash, cash equivalents and investments in marketable securities totaled \$626.8 million. We consider all highly-liquid instruments with a maturity of three months or less at the time of purchase to be cash equivalents. Cash equivalents are stated at cost, which approximates market value. These primarily consist of

investments in conservative, highly-rated instruments issued by financial institutions, government and corporate entities with strong credit standings and money market funds.

In May 2015, our Board of Directors approved a \$1 billion share repurchase program, which replaced all existing share repurchase programs, authorizing us to repurchase common stock in the open market or through privately negotiated transactions. The timing and amount of stock repurchases will depend on market conditions and corporate, regulatory and other relevant considerations. This program may be discontinued at any time by the Board of Directors. As of September 30, 2015, we had remaining authorization to repurchase up to \$559.0 million under this stock repurchase program. In addition, we are authorized by our Board of Directors to repurchase shares in an amount sufficient to offset shares issued under our compensation programs.

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During the second quarter of 2015, we entered into an accelerated share repurchase agreement ("ASR") with a large financial institution to repurchase \$300.0 million of our outstanding common stock. In May 2015 (at inception), we acquired 5.5 million shares, representing 80% of the amount paid based on then-market prices. The ASR was completed in September 2015 at which time we acquired an additional 1.2 million shares upon settlement. The final market purchase price per share averaged \$44.81, which was based on the volume-weighted average market purchase price of our common stock, less a discount, over the term of the ASR.

Cash and cash equivalents decreased \$328.3 million for the nine months ended September 30, 2015. Net cash provided by operating activities of \$903.3 million was less than the net cash used for investing and financing activities of \$425.4 million and \$806.2 million, respectively. Working capital decreased by \$316.4 million during the nine months ended September 30, 2015.

Cash Flows – Operating Activities

Nine Months Ended September 30, 2015 Compared to Nine Months Ended September 30, 2014

Net cash flows provided by operating activities were \$903.3 million for the nine months ended September 30, 2015
compared to \$805.9 million for the nine months ended September 30, 2014, an increase of \$97.4 million. Net income
for the nine months ended September 30, 2015 was \$826.5 million, an increase of \$289.8 million compared to \$536.7

million for the nine months ended September 30, 2014. Non-cash adjustments to net income consisting of depreciation
and amortization, lower of cost or market inventory valuation adjustment, net loss of equity method investments,
inclusive of distributions, gain on sale of assets, unamortized premium / discount on early extinguishment of debt,
deferred income taxes, equity-based compensation expense and fair value changes to derivative instruments totaled
\$311.5 million for the nine months ended September 30, 2015 compared to \$276.6 million for the same period in
2014. Changes in working capital items decreased cash flows by \$183.8 million for the nine months ended
September 30, 2015 compared to an increase of \$21.3 million for the nine months ended September 30, 2014.

Additionally, for the nine months ended September 30, 2015, turnaround expenditures increased to \$55.9 million from
\$32.2 million for the same period of 2014.

Cash Flows – Investing Activities and Planned Capital Expenditures

Nine Months Ended September 30, 2015 Compared to Nine Months Ended September 30, 2014

Net cash flows used for investing activities were \$425.4 million for the nine months ended September 30, 2015
compared to \$247.9 million for the nine months ended September 30, 2014, an increase of \$177.5 million. Cash
expenditures for properties, plants and equipment for the first nine months of 2015 increased to \$473.9 million from
\$369.1 million for the same period in 2014. These include HEP capital expenditures of \$57.3 million and \$61.7
million for the nine months ended September 30, 2015 and 2014, respectively. We received proceeds of \$15.8 million
and \$14.7 million from the sale of assets during the nine months ended September 30, 2015 and 2014, respectively.
HEP purchased a 50% interest in Frontier Pipeline for \$54.6 million. Also for the nine months ended September 30,
2015 and 2014, we invested \$403.0 million and \$762.2 million, respectively, in marketable securities and received
proceeds of \$490.3 million and \$863.8 million, respectively, from the sale or maturity of marketable securities.

Planned Capital Expenditures

HollyFrontier Corporation

Each year our Board of Directors approves our annual capital budget, which includes specific projects that management is authorized to undertake. Additionally, when conditions warrant or as new opportunities arise, additional projects may be approved. The funds appropriated for a particular capital project may be expended over a period of several years, depending on the time required to complete the project. Therefore, our planned capital expenditures for a given year consist of expenditures appropriated in that year's capital budget plus expenditures for

projects appropriated in prior years which have not yet been completed. Our appropriated capital budget for 2015 is \$137.0 million including both sustaining capital and major capital projects. During 2015, we expect to spend approximately \$600.0 million to \$650.0 million in cash for capital projects appropriated in 2015 and prior years. This spending is comprised of \$208.0 million to \$225.0 million at the Woods Cross Refinery, \$145.0 million to \$157.0 million at the El Dorado Refinery, \$97.0 million to \$105.0 million at the Tulsa Refineries, \$94.0 million to \$102.0 million at the Cheyenne Refinery, \$37.0 million to \$40.0 million at the Navajo Refinery and \$19.0 million to \$21.0 million for miscellaneous other projects. In addition, we expect to spend approximately \$45.0 million on refinery turnarounds and \$27.0 million on tank work. Refinery turnaround spending is amortized over the useful life of the turnaround.

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A significant portion of our current capital spending is associated with compliance-oriented capital improvements. This spending is required due to existing consent decrees (for projects including FCC unit flue gas scrubbers and tail gas treatment units), federal fuels regulations (particularly MSAT2, which mandates a reduction in the benzene content of blended gasoline), refinery waste water treatment improvements and other similar initiatives. Our refinery operations and related emissions are highly regulated at both federal and state levels, and we invest in our facilities as needed to remain in compliance with these standards. Additionally, when faced with new emissions or fuels standards, we seek to execute projects that facilitate compliance and also improve the operating costs and / or yields of associated refining processes.

El Dorado Refinery

Capital projects at the El Dorado Refinery include naphtha fractionation, an additional hydrogen plant and upgrades to the crude unit desalter, which have been completed and placed in service. They also include the installation of an FCC gasoline hydrotreater in order to meet Tier 3 gasoline requirements. Continuing project work includes a new tail gas treatment unit to reduce air emissions in compliance with the El Dorado Refinery's existing EPA consent decree. Projects on improving the Coker unit operation and yields are currently being evaluated, and an upgrade project to improve reformer operation, yield and reliability has been approved and engineering is underway.

Tulsa Refineries

Capital spending for the Tulsa Refineries in 2015 includes previously approved capital appropriations for numerous infrastructure upgrades, including a project to improve FCC yields. Spending on maintenance capital items and general improvements continues at an elevated level at the Tulsa Refineries due to lower maintenance capital expenditures made prior to HollyFrontier's purchase of the facilities. The Tulsa Refineries will be addressing Tier 3 compliance through a project that improves naphtha fractionation providing yield and octane enhancements.

Navajo Refinery

The Navajo Refinery capital spending in 2015 will be principally directed toward previously approved capital appropriations as well as maintenance capital spending. Included among previously approved capital projects is a \$25.0 million upgrade to the Navajo Refinery's waste water treatment system. Additionally, the Navajo Refinery will be addressing Tier 3 compliance through the installation of an FCC gasoline hydrotreater. Also, an automation project to optimize the blending process of the gasoline blending facility is currently underway.

Cheyenne Refinery

We are continuing with our previously approved plan to install a new hydrogen plant at the Cheyenne Refinery. The hydrogen plant, along with a now-completed naphtha fractionation project, is anticipated to allow us to reduce benzene content in Cheyenne gasoline production, while at the same time improving the refinery's overall liquid yields and light oils production. Additionally, the FCC unit flue gas scrubber project to reduce air emissions has been completed and is now in service. Previously appropriated projects still underway at the Cheyenne Refinery include wastewater treatment plant improvements and a redundant tail gas unit associated with the sulfur recovery process.

Woods Cross Refinery

Engineering and construction continue on our previously announced expansion project to increase planned processing capacity to 45,000 BPSD. This project work includes new refining facilities, a new rail loading rack for intermediates and finished products associated with refining waxy crude oil. Capital investment on the originally planned processing capacity expansion is expected to be \$400.0 million. The initial phase of the expansion is expected to be completed in the fourth quarter of 2015. An additional \$20.0 million to \$30.0 million investment is being made in the Woods Cross Refinery to allow for greater crude slate flexibility. We believe this additional project scope will increase capacity utilization and improve overall economic returns during periods when wax crudes are in short supply.

On November 18, 2013, the Utah Division of Air Quality issued a revised air quality permit (the "Approval Order") authorizing the expansion. On December 18, 2013, two local environmental groups filed an administrative appeal challenging the issuance of the Approval Order and seeking a stay of the Approval Order. Following an extended appeal process, the Executive Director of the Utah Department of Environmental Quality ("DEQ") issued a final order in favor of Woods Cross on all claims on March 31, 2015 and dismissed the project opponents' arguments with prejudice. On April 27, 2015, the opponents filed a petition for review and notice of appeal with the Utah Court of Appeals challenging the agency's decision to uphold the permit and dismiss the project opponents' arguments. This appeal is now pending before the Utah Court of Appeals. The expansion, and expected completion timeline and cost, are subject to the Woods Cross Refinery successfully obtaining the Approval Order on appeal at the Utah Court of Appeals.

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Regulatory compliance items or other presently existing or future environmental regulations / consent decrees could cause us to make additional capital investments beyond those described above and incur additional operating costs to meet applicable requirements, including those related to recently promulgated Federal Tier 3 gasoline standards.

HEP

Each year the Holly Logistic Services, L.L.C. board of directors approves HEP's annual capital budget, which specifies capital projects that HEP management is authorized to undertake. Additionally, at times when conditions warrant or as new opportunities arise, special projects may be approved. The funds allocated for a particular capital project may be expended over a period of several years, depending on the time required to complete the project. Therefore, HEP's planned capital expenditures for a given year consist of expenditures approved for capital projects included in its current year capital budget as well as, in certain cases, expenditures approved for capital projects in capital budgets for prior years. The 2015 HEP capital budget is comprised of \$10.0 million for maintenance capital expenditures and \$78.0 million for expansion capital expenditures.

Cash Flows – Financing Activities

Nine Months Ended September 30, 2015 Compared to Nine Months Ended September 30, 2014

Net cash flows used for financing activities were \$806.2 million for the nine months ended September 30, 2015
compared to \$642.2 million for the nine months ended September 30, 2014, an increase of \$164.0 million. During the nine months ended September 30, 2015, we purchased \$481.8 million in common stock, paid \$187.4 million in dividends and paid \$155.2 million upon the redemption of our 6.875% senior notes. Also during this period, HEP received \$443.0 million and repaid \$360.0 million under the HEP Credit Agreement and paid distributions of \$61.4 million to noncontrolling interests. During the nine months ended September 30, 2014, we purchased \$133.2 million in common stock, paid \$485.8 million in dividends and recognized \$4.5 million excess tax benefits on our equity-based compensation. Also during this period, HEP received \$538.6 million and repaid \$346.6 million under the HEP Credit Agreement, paid \$156.2 million upon the redemption of HEP's 8.25% senior notes and paid distributions of \$58.5 million to noncontrolling interests.

Contractual Obligations and Commitments

HollyFrontier Corporation

In June 2015, we redeemed our \$150.0 million aggregate principal amount of 6.875% senior notes maturing November 2018.

There were no other significant changes to our contractual obligations during the nine months ended September 30, 2015.

HEP

In April 2015, HEP amended its credit agreement, increasing the size of the credit facility from \$650 million to \$850 million. The HEP Amended Credit Agreement expires in November 2018. During the nine months ended September 30, 2015, HEP received net borrowings of \$83.0 million resulting in \$654.0 million of outstanding borrowings under the HEP Credit Agreement at September 30, 2015.

There were no other significant changes to HEP's long-term contractual obligations during this period.

CRITICAL ACCOUNTING POLICIES

Our discussion and analysis of our financial condition and results of operations are based upon our consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires us to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and related disclosure of contingent assets and liabilities as of the date of the financial statements. Actual results may differ from these estimates under different assumptions or conditions.

Our significant accounting policies are described in "Part II, Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations – Critical Accounting Policies" in our Annual Report on Form 10-K for the year ended December 31, 2014. Certain critical accounting policies that materially affect the amounts recorded in our consolidated financial statements include the assessment and consolidation of variable interest entities, the use of the last-in, first-out ("LIFO") method of valuing certain inventories, the amortization of deferred costs for regular major maintenance and repairs at our refineries, assessing the possible impairment of certain long-lived assets and goodwill, accounting for derivative instruments and assessing contingent liabilities for probable losses.

Inventory Valuation

Inventories are stated at the lower of cost, using the LIFO method for crude oil, unfinished and finished refined products and the average cost method for materials and supplies, or market. In periods of rapidly declining prices, LIFO inventories may have to be written down to market value due to the higher costs assigned to LIFO layers in prior periods. In addition, the use of the LIFO inventory method may result in increases or decreases to cost of sales in years that inventory volumes decline as the result of charging cost of sales with LIFO inventory costs generated in prior periods. An actual valuation of inventory under the LIFO method is made at the end of each year based on the inventory levels at that time. Accordingly, interim LIFO calculations are based on management's estimates of expected year-end inventory levels and are subject to the final year-end LIFO inventory valuation.

At September 30, 2015, our lower of cost or market inventory valuation reserve was \$480.9 million. This amount, or a portion thereof, is subject to reversal as a reduction to cost of products sold in subsequent periods as inventories giving rise to the reserve are sold, and a new reserve is established. Such a reduction to cost of products sold could be significant if inventory values return to historical cost price levels. Additionally, further decreases in overall inventory values could result in additional charges to cost of products sold should the lower of cost or market inventory valuation reserve be increased.

Goodwill

We have goodwill that primarily arose from our merger with Frontier Oil Corporation on July 1, 2011. Goodwill represents the excess of the cost of an acquired entity over the fair value of the assets acquired and liabilities assumed. Goodwill is not subject to amortization and is tested annually or more frequently if events or circumstances indicate the possibility of impairment. As of September 30, 2015, there have been no impairments to goodwill.

We performed our annual goodwill impairment testing as of July 1, 2015, which entailed an assessment of our reporting unit fair values relative to their respective carrying values that were derived using a combination of both income and market approaches. Our income approach utilizes the discounted future expected cash flows. Our market approach, which includes both the guideline public company and guideline transaction methods, utilizes pricing multiples derived from historical market transactions of other like-kind assets. Our discounted cash flows reflect estimates of future cash flows based on both historical and forward crack-spreads, forecasted production levels, operating costs and capital expenditures. Our goodwill is allocated by reporting unit as follows: El Dorado, \$1.7 billion; Cheyenne, \$0.3 billion; and HEP, \$0.3 billion. Based on our testing as of July 1, 2015, the fair value of our Cheyenne reporting unit exceeded its carrying cost by approximately 8%. The fair value of our El Dorado and HEP reporting units substantially exceeded their respective carrying values. As of September 30, 2015, there have been no impairments to goodwill.

Historically, the refining industry has experienced significant fluctuations in operating results over an extended business cycle including changes in prices of crude oil and refined products, changes in operating costs including natural gas and higher costs of complying with government regulations. It is reasonably possible that at some future downturn in refining operations that the goodwill related to our Cheyenne Refinery will be determined to be impaired. A prolonged, moderate decrease in operating margins could potentially result in impairment to goodwill allocated to our Cheyenne reporting unit. Such impairment charges could be material.

RISK MANAGEMENT

We use certain strategies to reduce some commodity price and operational risks. We do not attempt to eliminate all market risk exposures when we believe that the exposure relating to such risk would not be significant to our future earnings, financial position, capital resources or liquidity or that the cost of eliminating the exposure would outweigh the benefit.

Commodity Price Risk Management

Our primary market risk is commodity price risk. We are exposed to market risks related to the volatility in crude oil and refined products, as well as volatility in the price of natural gas used in our refining operations. We periodically enter into derivative contracts in the form of commodity price swaps and futures contracts to mitigate price exposure with respect to:

our inventory positions; natural gas purchases; costs of crude oil and related grade differentials; prices of refined products; and our refining margins.

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As of September 30, 2015, we have the following notional contract volumes related to all outstanding derivative contracts used to mitigate commodity price risk:

	Notional Contract Volumes by Year of				
Total Outstanding Notional	2015	2016	2017	Unit of Measure	
43,200,000	4,800,000	19,200,000	19,200,000	MMBTU	
21,600,000	2,400,000	9,600,000	9,600,000	MMBTU	
22,626,000	2,010,000	10,308,000	10,308,000	MMBTU	
2,760,000	2,760,000			Barrels	
2,760,000	2,760,000			Barrels	
5,866,000	1,840,000	4,026,000		Barrels	
1,760,000	1,083,000	677,000		Barrels	
225,000	225,000	_		Barrels	
150,000	150,000			Barrels	
	Outstanding Notional 43,200,000 21,600,000 22,626,000 2,760,000 5,866,000 1,760,000 225,000	Total Outstanding Notional 43,200,000 4,800,000 21,600,000 2,400,000 22,626,000 2,010,000 2,760,000 2,760,000 2,760,000 2,760,000 5,866,000 1,840,000 1,760,000 1,083,000 225,000 225,000	Total Outstanding Notional 43,200,000 4,800,000 19,200,000 21,600,000 2,400,000 9,600,000 22,626,000 2,010,000 10,308,000 2,760,000 2,760,000 — 2,760,000 2,760,000 — 5,866,000 1,840,000 4,026,000 1,760,000 1,083,000 677,000 225,000 225,000 —	Total Outstanding Notional 43,200,000	

The following sensitivity analysis provides the hypothetical effects of market price fluctuations to the commodity positions hedged under our derivative contracts:

	Estimated Change in Fair Value at			
	September 30,			
Commodity-based Derivative Contracts	2015	2014		
	(In thousands)			
Hypothetical 10% change in underlying commodity prices	\$12,233	\$20,257		

Interest Rate Risk Management

HEP uses interest rate swaps to manage its exposure to interest rate risk.

As of September 30, 2015, HEP had three interest rate swap contracts that hedge its exposure to the cash flow risk caused by the effects of LIBOR changes on \$305.0 million in credit agreement advances. The first interest rate swap effectively converts \$155.0 million of LIBOR based debt to fixed-rate debt having an interest rate of 0.99% plus an applicable margin of 2.00% as of September 30, 2015, which equaled an effective interest rate of 2.99%. This swap matures in February 2016. HEP has two additional interest rate swaps with identical terms which effectively convert \$150.0 million of LIBOR based debt to fixed-rate debt having an interest rate of 0.74% plus an applicable margin of 2.00% as of September 30, 2015, which equaled an effective interest rate of 2.74%. Both of these swap contracts mature in July 2017. These swap contracts have been designated as cash flow hedges.

The market risk inherent in our fixed-rate debt is the potential change arising from increases or decreases in interest rates as discussed below.

For the fixed rate HEP Senior Notes, changes in interest rates will generally affect fair value of the debt, but not earnings or cash flows. The outstanding principal, estimated fair value and estimated change in fair value (assuming a hypothetical 10% change in the yield-to-maturity rates) for these debt instruments as of September 30, 2015 is presented below:

Outstanding	Estimated	Estimated
Principal	Fair Value	Change in Fair Value
(In thousands)		

HEP Senior Notes \$300,000 \$288,000 \$8,400

For the variable rate HEP Credit Agreement, changes in interest rates would affect cash flows, but not the fair value. At September 30, 2015, outstanding borrowings under the HEP Credit Agreement were \$654.0 million. By means of its cash flow hedges, HEP has effectively converted the variable rate on \$305.0 million of outstanding principal to a weighted average fixed rate of 2.87%. For the remaining unhedged Credit Agreement borrowings of \$349.0 million, a hypothetical 10% change in interest rates applicable to the HEP Credit Agreement would not materially affect cash flows.

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At September 30, 2015, our marketable securities included investments in investment grade, highly-liquid investments with maturities generally not greater than one year from the date of purchase and hence the interest rate market risk implicit in these investments is low. Due to the short-term nature of our cash and cash equivalents, a hypothetical 10% increase in interest rates would not have a material effect on the fair market value of our portfolio. Since we have the ability to liquidate this portfolio, we do not expect our operating results or cash flows to be materially affected by the effect of a sudden change in market interest rates on our investment portfolio.

Our operations are subject to hazards of petroleum processing operations, including fire, explosion and weather-related perils. We maintain various insurance coverages, including business interruption insurance, subject to certain deductibles. We are not fully insured against certain risks because such risks are not fully insurable, coverage is unavailable, or premium costs, in our judgment, do not justify such expenditures.

Financial information is reviewed on the counterparties in order to review and monitor their financial stability and assess their ongoing ability to honor their commitments under the derivative contracts. We have not experienced, nor do we expect to experience, any difficulty in the counterparties honoring their commitments.

We have a risk management oversight committee consisting of members from our senior management. This committee oversees our risk enterprise program, monitors our risk environment and provides direction for activities to mitigate identified risks that may adversely affect the achievement of our goals.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

See "Risk Management" under "Management's Discussion and Analysis of Financial Condition and Results of Operations."

Reconciliations to Amounts Reported Under Generally Accepted Accounting Principles

Reconciliations of earnings before interest, taxes, depreciation and amortization ("EBITDA") to amounts reported under generally accepted accounting principles in financial statements.

Earnings before interest, taxes, depreciation and amortization, which we refer to as EBITDA, is calculated as net income attributable to HollyFrontier stockholders plus (i) interest expense, net of interest income, (ii) income tax provision, and (iii) depreciation and amortization. EBITDA is not a calculation provided for under GAAP; however, the amounts included in the EBITDA calculation are derived from amounts included in our consolidated financial statements. EBITDA should not be considered as an alternative to net income or operating income as an indication of our operating performance or as an alternative to operating cash flow as a measure of liquidity. EBITDA is not necessarily comparable to similarly titled measures of other companies. EBITDA is presented here because it is a widely used financial indicator used by investors and analysts to measure performance. EBITDA is also used by our management for internal analysis and as a basis for financial covenants.

Set forth below is our calculation of EBITDA.

	Three Months September 30,		Nine Months Ended September 30,		
	2015	2014	2015	2014	
	(In thousands)				
Net income attributable to HollyFrontier stockholders	\$196,322	\$175,006	\$784,022	\$503,496	
Add income tax provision	110,066	103,216	446,784	292,162	

Add interest expense (1)	11,102	11,038	33,183	41,198
Subtract interest income	(673) (1,004) (2,403) (3,593)
Add depreciation and amortization	87,764	80,945	255,579	262,883
EBITDA	\$404,581	\$369,201	\$1,517,165	\$1,096,146

⁽¹⁾ Includes loss on early extinguishment of debt of \$1.4 million and \$7.7 million for the nine months ended September 30, 2015 and 2014, respectively.

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Reconciliations of refinery operating information (non-GAAP performance measures) to amounts reported under generally accepted accounting principles in financial statements.

Refinery gross margin and net operating margin are non-GAAP performance measures that are used by our management and others to compare our refining performance to that of other companies in our industry. We believe these margin measures are helpful to investors in evaluating our refining performance on a relative and absolute basis.

Refinery gross margin per barrel is the difference between average net sales price and average cost of products per barrel of produced refined products. Net operating margin per barrel is the difference between refinery gross margin and refinery operating expenses per barrel of produced refined products. These two margins do not include the non-cash effects of lower of cost or market inventory valuation adjustments or depreciation and amortization. Each of these component performance measures can be reconciled directly to our consolidated statements of income.

Other companies in our industry may not calculate these performance measures in the same manner.

Refinery Gross and Net Operating Margins

Below are reconciliations to our consolidated statements of income for (i) net sales, cost of products (exclusive of lower of cost or market inventory valuation adjustment) and operating expenses, in each case averaged per produced barrel sold, and (ii) net operating margin and refinery gross margin. Due to rounding of reported numbers, some amounts may not calculate exactly.

Reconciliation of produced product sales to total sales and other revenues

	Three Months Ended				Nine Months Ended		
	September 30,			September 30,			
	2015		2014		2015	2014	
	(Dollars in th	เดเ	usands, excep	t p	er barrel amou	nts)	
Consolidated							
Average sales price per produced barrel sold	\$73.57		\$114.50		\$74.61	\$115.61	
Times sales of produced refined products (BPD)	456,060		416,310		444,220	432,660	
Times number of days in period	92		92		273	273	
Produced refined product sales	\$3,086,815		\$4,385,410		\$9,048,108	\$13,655,412	
_							
Total produced refined products sales	\$3,086,815		\$4,385,410		\$9,048,108	\$13,655,412	
Add refined product sales from purchased products and	350,633		458,211		777,024	930,354	
rounding (1)	330,033		430,211		777,024	930,334	
Total refined product sales	3,437,448		4,843,621		9,825,132	14,585,766	
Add direct sales of excess crude oil (2)	67,750		405,493		260,678	741,534	
Add other refining segment revenue (3)	65,994		53,939		161,155	112,747	
Total refining segment revenue	3,571,192		5,303,053		10,246,965	15,440,047	
Add HEP segment sales and other revenues	88,389		82,141		261,624	244,177	
Add corporate and other revenues	104		181		473	1,802	
Subtract consolidations and eliminations	(73,862)	(67,820)	(214,701)	(204,818)	
Sales and other revenues	\$3,585,823		\$5,317,555		\$10,294,361	\$15,481,208	

Reconciliation of average cost of products per produced barrel sold to total cost of products sold

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2015	2014	2015	2014
	(Dollars in th	ousands, except	per barrel amou	nts)
Consolidated		_		
Average cost of products per produced barrel sold	\$53.72	\$98.91	\$56.58	\$100.66
Times sales of produced refined products (BPD)	456,060	416,310	444,220	432,660
Times number of days in period	92	92	273	273
Cost of products for produced products sold	\$2,253,958	\$3,788,304	\$6,861,573	\$11,889,575
		***		*
Total cost of products for produced products sold	\$2,253,958	\$3,788,304	\$6,861,573	\$11,889,575
Add refined product costs from purchased products and rounding ⁽¹⁾	370,638	462,629	807,260	935,497
Total cost of refined products sold	2,624,596	4,250,933	7,668,833	12,825,072
Add crude oil cost of direct sales of excess crude oil (2)	65,338	395,482	254,529	725,596
Add other refining segment cost of products sold (4)	36,823	46,172	81,265	90,229
Total refining segment cost of products sold	2,726,757	4,692,587	8,004,627	13,640,897
Subtract consolidations and eliminations	(72,898) (66,694	(211,920)	(201,538)
Costs of products sold (exclusive of lower of cost or				
market inventory valuation adjustment and depreciation and amortization)	\$2,653,859	\$4,625,893	\$7,792,707	\$13,439,359

Reconciliation of average refinery operating expenses per produced barrel sold to total operating expenses

	Three Months September 30,		Nine Months E September 30,		
	2015	2014	2015	2014	
	(Dollars in tho	usands, except 1	per barrel amour	nts)	
Consolidated					
Average refinery operating expenses per produced barrel sold	\$5.46	\$6.39	\$5.48	\$6.11	
Times sales of produced refined products (BPD)	456,060	416,310	444,220	432,660	
Times number of days in period	92	92	273	273	
Refinery operating expenses for produced products sold	\$229,088	\$244,740	\$664,571	\$721,690	
Total refinery operating expenses for produced products sold	\$229,088	\$244,740	\$664,571	\$721,690	
Add other refining segment operating expenses and rounding (5)	10,110	10,485	30,632	31,415	
Total refining segment operating expenses	239,198	255,225	695,203	753,105	
Add HEP segment operating expenses	25,095	25,456	78,350	72,835	
Add corporate and other costs	1,251	646	2,039	1,693	
Subtract consolidations and eliminations	(146)	(370)	(433)	(1,056)	
Operating expenses (exclusive of depreciation and amortization)	\$265,398	\$280,957	\$775,159	\$826,577	

Reconciliation of net operating margin per barrel to refinery gross margin per barrel to total sales and other revenues

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2015	2014	2015	2014
	(Dollars in the	usands, except	per barrel amoui	nts)
Consolidated				
Net operating margin per barrel	\$14.39	\$9.20	\$12.55	\$8.84
Add average refinery operating expenses per produced barrel	5.46	6.39	5.48	6.11
Refinery gross margin per barrel	19.85	15.59	18.03	14.95
Add average cost of products per produced barrel sold	53.72	98.91	56.58	100.66
Average sales price per produced barrel sold	\$73.57	\$114.50	\$74.61	\$115.61
Times sales of produced refined products (BPD)	456,060	416,310	444,220	432,660
Times number of days in period	92	92	273	273
Produced refined products sales	\$3,086,815	\$4,385,410	\$9,048,108	\$13,655,412
Total produced refined products sales	\$3,086,815	\$4,385,410	\$9,048,108	\$13,655,412
Add refined product sales from purchased products and rounding (1)	350,633	458,211	777,024	930,354
Total refined product sales	3,437,448	4,843,621	9,825,132	14,585,766
Add direct sales of excess crude oil (2)	67,750	405,493	260,678	741,534
Add other refining segment revenue (3)	65,994	53,939	161,155	112,747
Total refining segment revenue	3,571,192	5,303,053	10,246,965	15,440,047
Add HEP segment sales and other revenues	88,389	82,141	261,624	244,177
Add corporate and other revenues	104	181	473	1,802
Subtract consolidations and eliminations	(73,862)	(67,820)	(214,701)	(204,818)
Sales and other revenues	\$3,585,823	\$5,317,555	\$10,294,361	\$15,481,208

- (1) We purchase finished products to facilitate delivery to certain locations or to meet delivery commitments. We purchase crude oil that at times exceeds the supply needs of our refineries. Quantities in excess of our needs are sold at market prices to purchasers of crude oil that are recorded on a gross basis with the sales price recorded
- (2) as revenues and the corresponding acquisition cost as inventory and then upon sale as cost of products sold. Additionally, at times we enter into buy/sell exchanges of crude oil with certain parties to facilitate the delivery of quantities to certain locations that are netted at cost.
- Other refining segment revenue includes the incremental revenues associated with NK Asphalt, product purchased and sold forward for profit as market conditions and available storage capacity allows and miscellaneous revenue. Other refining segment cost of products sold includes the incremental cost of products for NK Asphalt, the
- (4) incremental cost associated with storing product purchased and sold forward as market conditions and available storage capacity allows and miscellaneous costs.
- (5) Other refining segment operating expenses include the marketing costs associated with our refining segment and the operating expenses of NK Asphalt.

Item 4. Controls and Procedures

Evaluation of disclosure controls and procedures. Our 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"), our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) as of the end of the period covered by this Quarterly Report on Form 10-Q. Our disclosure controls and procedures are designed to provide reasonable assurance that the information we are required to disclose in the reports that we file or

submit under the Exchange Act is accumulated and communicated to our management, including our principal executive officer and principal financial officer, as appropriate, to allow timely decisions regarding required disclosure and is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms. Based upon the evaluation, our principal executive officer and principal financial officer have concluded that our disclosure controls and procedures were effective at the reasonable assurance level as of September 30, 2015.

Changes in internal control over financial reporting. There have been no changes in our internal control over financial reporting (as defined in Rule 13a-15(f) under the Exchange Act) that occurred during our last fiscal quarter that have materially affected or are reasonably likely to materially affect our internal control over financial reporting.

PART II. OTHER INFORMATION

Item 1. Legal Proceedings

Commitment and Contingency Reserves

We periodically establish reserves for certain legal proceedings. The establishment of a reserve involves an estimation process that includes the advice of legal counsel and subjective judgment of management. While management believes these reserves to be adequate, future changes in the facts and circumstances could result in the actual liability exceeding the estimated ranges of loss and amounts accrued.

While the outcome and impact on us cannot be predicted with certainty, based on advice of counsel, management believes that the resolution of these proceedings through settlement or adverse judgment will not either individually or in the aggregate have a material adverse effect on our financial condition, results of operations or cash flows.

Environmental Matters

We are reporting the following proceedings to comply with SEC regulations which require us to disclose proceedings arising under federal, state or local provisions regulating the discharge of materials into the environment or protecting the environment if we reasonably believe that such proceedings may result in monetary sanctions of \$100,000 or more. Our respective subsidiaries have or will develop corrective action plans regarding these disclosures that will be implemented in consultation with the respective federal and state agencies. It is not possible to predict the ultimate outcome of these proceedings, although none are currently expected to have a material adverse effect on our financial condition, results of operations or cash flows.

Cheyenne

Frontier Refining LLC ("FR"), our wholly-owned subsidiary, completed certain environmental audits at the Cheyenne Refinery regarding compliance with federal and state environmental requirements. By letters dated October 5, 2012, November 7, 2012, and January 10, 2013, and pursuant to the EPA's audit policy to the extent applicable, FR submitted reports to the EPA voluntarily disclosing non-compliance with certain emission limitations, reporting requirements, and provisions of a 2009 federal consent decree. By letters dated October 31, 2012, February 6, 2013, June 21, 2013, July 9, 2013, and July 25, 2013, and pursuant to applicable Wyoming audit statutes, FR submitted environmental audit reports to the Wyoming Department of Environmental Quality ("WDEQ") voluntarily disclosing non-compliance with certain notification, reporting, and other provisions of the refinery's state air permit and other environmental regulatory requirements. No further action has been taken by either agency at this time. The Cheyenne Refinery also has one outstanding Notice of Violations issued in January 2013 that is subject to ongoing settlement negotiations with the WDEQ.

Tulsa

Holly Refining & Marketing - Tulsa, LLC ("HRMT") manufactures paraffin and hydrocarbon waxes at its Tulsa West Refinery. On March 11, 2014, the EPA issued a notice to HRMT of possible violations of certain provisions of the federal Toxic Substances Control Act in connection with the manufacture of certain of these products. HRMT and the EPA met and are working productively towards a settlement of this matter.

Fuels Regulation

Between November 2010 and February 2012, certain of our subsidiaries submitted multiple reports to the EPA to voluntarily disclose non-compliance with fuels regulations at the Cheyenne, El Dorado, Navajo, Tulsa and Woods Cross refineries and at the Cedar City, Utah and Henderson, Colorado terminals. Our subsidiaries have complied with all EPA requests for additional information regarding the voluntary disclosures. Our subsidiaries are now concluding

settlement discussions with the EPA to resolve the voluntarily disclosed non-compliance events.

Other

We are a party to various other litigation and proceedings that we believe, based on advice of counsel, will not either individually or in the aggregate have a materially adverse impact on our financial condition, results of operations or cash flows.

Item 1A. Risk Factors

There have been no material changes in our risk factors as previously disclosed in Part 1, "Item 1A. Risk Factors" of our Annual Report on Form 10-K for the fiscal year ended December 31, 2014 and in Part II, "Item 1A. Risk Factors" of our Quarterly Report on Form 10-Q for the quarter ended June 30, 2015. You should carefully consider the risk factors discussed in our 2014 Form 10-K and June 30, 2015 Form 10-Q, which could materially affect our business, financial condition or future results. Additional risks and uncertainties not currently known to us or that we currently deem to be immaterial also may materially adversely affect our business, financial condition or future results.

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

(c) Common Stock Repurchases Made in the Quarter

Under our common stock repurchase programs, repurchases are being made from time to time in the open market or privately negotiated transactions based on market conditions, securities law limitations and other factors. The following table includes repurchases made under these programs during the third quarter of 2015.

Period	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Maximum Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs
July 2015	_	\$ —	_	\$734,932,475
August 2015	850,000	\$50.21	850,000	\$692,257,480
September 2015 (1)	1,160,528	\$—	1,160,528	\$632,257,480
September 2015	1,550,000	\$47.29	1,550,000	\$558,965,435
Total for July to September 2015	3,560,528		3,560,528	

During the second quarter of 2015, we entered into an accelerated share repurchase agreement ("ASR") with a large financial institution to repurchase \$300.0 million of our outstanding common stock. In May 2015 (at inception), we acquired 5.5 million shares, representing 80% of the amount paid based on then-market prices. The ASR was completed in September 2015 at which time we acquired an additional 1.2 million shares upon settlement. The final market purchase price per share averaged \$44.81, which was based on the volume-weighted average market purchase price of our common stock, less a discount, over the term of the ASR.

Item 6. Exhibits

The Exhibit Index on page 57 of this Quarterly Report on Form 10-Q lists the exhibits that are filed or furnished, as applicable, as part of the Quarterly Report on Form 10-Q.

SIGNATURES

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

HOLLYFRONTIER CORPORATION

(Registrant)

Date: November 5, 2015 /s/ Douglas S. Aron

Douglas S. Aron

Executive Vice President and Chief Financial Officer (Principal Financial Officer)

Date: November 5, 2015 /s/ J. W. Gann, Jr.

J. W. Gann, Jr.

Vice President, Controller and Chief Accounting Officer (Principal Accounting Officer)

Exhibit Index

Exhibit Number	Description
3.1	Amended and Restated Certificate of Incorporation of HollyFrontier Corporation (incorporated by reference to Exhibit 3.1 of Registrant's Current Report on Form 8-K filed July 8, 2011, File No. 1-03876).
3.2	Amended and Restated By-Laws of HollyFrontier Corporation (incorporated by reference to Exhibit 3.1 of Registrant's Current Report on Form 8-K filed February 20, 2014, File No. 1-03876).
10.1	Assignment and Assumption of Agreements, dated as of October 16, 2015, by and between HollyFrontier Refining & Marketing LLC, Navajo Refining Company, L.L.C., Holly Refining & Marketing - Tulsa LLC, Frontier Refining LLC and Frontier El Dorado Refining LLC (incorporated by reference to Exhibit 10.1 of Registrant's Current Report on Form 8-K filed October 21, 2015, File No. 1-03876).
10.2	Master Throughput Agreement, dated as of October 16, 2015, by and between HollyFrontier Refining & Marketing LLC and Holly Energy Partners-Operating L.P. (incorporated by reference to Exhibit 10.2 of Registrant's Current Report on Form 8-K filed October 21, 2015, File No. 1-03876).
10.3	Construction Payment Agreement, dated as of October 16, 2015, by and between HEP Refining, L.L.C. and HollyFrontier Refining & Marketing LLC (incorporated by reference to Exhibit 10.3 of Registrant's Current Report on Form 8-K filed October 21, 2015, File No. 1-03876).
10.4	Twelfth Amended and Restated Omnibus Agreement, dated October 16, 2015, by and among HollyFrontier Corporation, Holly Energy Partners, L.P. and certain of their respective subsidiaries (incorporated by reference to Exhibit 10.4 of Registrant's Current Report on Form 8-K filed October 21, 2015, File No. 1-03876).
10.5	Services and Secondment Agreement, dated as of October 16, 2015, by and among Holly Logistic Services, L.L.C., Holly Energy Partners-Operating L.P., Cheyenne Logistics LLC, El Dorado Logistics LLC, HollyFrontier Payroll Services, Inc., Frontier Refining LLC and Frontier El Dorado Refining LLC (incorporated by reference to Exhibit 10.5 of Registrant's Current Report on Form 8-K filed October 21, 2015, File No. 1-03876).
10.6	Master Lease and Access Agreement, dated as of October 16, 2015, by and among Frontier El Dorado Refining LLC, Frontier Refining LLC, Holly Refining & Marketing - Tulsa LLC, Holly Refining & Marketing Company - Woods Cross LLC, Navajo Refining Company, L.L.C., El Dorado Logistics LLC, Cheyenne Logistics LLC, HEP Tulsa LLC, HEP Woods Cross, L.L.C. and HEP Pipeline, L.L.C. (incorporated by reference to Exhibit 10.6 of Registrant's Current Report on Form 8-K filed October 21, 2015, File No. 1-03876).
10.7	LLC Interest Purchase Agreement, dated as of November 2, 2015, by and between HollyFrontier Corporation, Frontier El Dorado Refining LLC and Holly Energy Partners - Operating, L.P. (incorporated by reference to Exhibit 10.1 of Registrant's Current Report on Form 8-K dated November 3, 2015, File No. 1-03876).

Master Tolling Agreement (Refinery Assets), dated as of November 2, 2015, by and between Frontier El Dorado Refining LLC and Holly Energy Partners-Operating L.P. (incorporated by reference to Exhibit 10.2 of Registrant's Current Report on Form 8-K dated November 3, 2015, File No. 1-03876).

- Master Tolling Agreement (Operating Assets), dated as of November 2, 2015, by and between Frontier El

 10.9 Dorado Refining LLC and Holly Energy Partners-Operating L.P. (incorporated by reference to Exhibit 10.3 of Registrant's Current Report on Form 8-K dated November 3, 2015, File No. 1-03876).
- Thirteenth Amended and Restated Omnibus Agreement, dated as of November 2, 2015, by and among HollyFrontier Corporation, Holly Energy Partners, L.P. and certain of their respective subsidiaries (incorporated by reference to Exhibit 10.4 of Registrant's Current Report on Form 8-K dated November 3, 2015, File No. 1-03876).
 - Amended and Restated Services and Secondment Agreement, dated as of November 2, 2015, by and among Holly Logistic Services, L.L.C., Holly Energy Partners-Operating L.P., El Dorado Operating LLC,
- 10.11 Cheyenne Logistics LLC, El Dorado Logistics LLC, HollyFrontier Payroll Services, Inc., Frontier Refining LLC and Frontier El Dorado Refining LLC (incorporated by reference to Exhibit 10.5 of Registrant's Current Report on Form 8-K dated November 3, 2015, File No. 1-03876).
- Amended and Restated Master Lease and Access Agreement, dated as of November 2, 2015, by and among Frontier El Dorado Refining LLC, Frontier Refining LLC, Holly Refining & Marketing Tulsa LLC, Holly Refining & Marketing Company Woods Cross LLC, Navajo Refining Company, L.L.C., El Dorado Operating LLC, El Dorado Logistics LLC, Cheyenne Logistics LLC, HEP Tulsa LLC, HEP Woods Cross, L.L.C. and HEP Pipeline, L.L.C. (incorporated by reference to Exhibit 10.6 of Registrant's Current Report on Form 8-K dated November 3, 2015, File No. 1-03876).

Table of Content

Exhibit Number	Description
31.1*	Certification of Chief Executive Officer under Section 302 of the Sarbanes-Oxley Act of 2002.
31.2*	Certification of Chief Financial Officer under Section 302 of the Sarbanes-Oxley Act of 2002.
32.1**	Certification of Chief Executive Officer under Section 906 of the Sarbanes-Oxley Act of 2002.
32.2**	Certification of Chief Financial Officer under Section 906 of the Sarbanes-Oxley Act of 2002.
101+	The following financial information from HollyFrontier Corporation's Quarterly Report on Form 10-Q for the quarter ended September 30, 2015, formatted in XBRL (Extensible Business Reporting Language): (i) Consolidated Balance Sheets, (ii) Consolidated Statements of Income, (iii) Consolidated Statements of Comprehensive Income, (iv) Consolidated Statements of Cash Flows, and (v) Notes to the Consolidated Financial Statements.

^{*} Filed herewith.

^{**} Furnished herewith.

⁺ Filed electronically herewith.