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

FORM 10-Q

(Mark One)

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

For the quarterly period ended June 30, 2017

OR

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

For the transition period from _____ to _____

Commission file number 001-34892

RHINO RESOURCE PARTNERS LP

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

27-2377517
(IRS Employer
Identification No.)

424 Lewis Hargett Circle, Suite 250
Lexington, KY
(Address of principal executive offices)

40503
(Zip Code)

(859) 389-6500
(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer," "emerging growth company" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer (Do not check if a smaller reporting company)

Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Securities Act.

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

As of August 4, 2017, 12,993,869 common units and 1,235,534 subordinated units were outstanding.

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Cautionary Note Regarding Forward-Looking Statements

This Quarterly Report on Form 10-Q contains certain “forward-looking statements.” Statements included in this report that are not historical facts, that address activities, events or developments that we expect or anticipate will or may occur in the future, including things such as statements regarding our future financial position, expectations with respect to our liquidity, capital resources and ability to continue as a going concern, plans for growth of the business, future capital expenditures, references to future goals or intentions or other such references are forward-looking statements. These statements can be identified by the use of forward-looking terminology, including “may,” “believe,” “expect,” “anticipate,” “estimate,” “continue,” or similar words. These statements are made by us based on our experience and our perception of historical trends, current conditions and expected future developments as well as other considerations we believe are reasonable as and when made. Whether actual results and developments in the future will conform to our expectations is subject to numerous risks and uncertainties, many of which are beyond our control. Therefore, actual outcomes and results could materially differ from what is expressed, implied or forecasted in these statements.

Any differences could be caused by a number of factors, including, but not limited to: our ability to maintain adequate cash flow and to obtain financing necessary to fund our capital expenditures, meet working capital needs and maintain and grow our operations or our ability to obtain alternative financing upon the expiration of our amended and restated senior secured credit facility and our related ability to continue as a going concern; our future levels of indebtedness and compliance with debt covenants; sustained depressed levels of or further decline in coal prices, which depend upon several factors such as the supply of domestic and foreign coal, the demand for domestic and foreign coal, governmental regulations, price and availability of alternative fuels for electricity generation and prevailing economic conditions; our ability to comply with the qualifying income requirement necessary to maintain our status as a partnership for U.S. federal income tax purposes; declines in demand for electricity and coal; the consummation of the acquisition of Armstrong Energy, Inc. from, and the transfer of 50% of our general partner to, Yorktown Partners LLC; our ability to realize the expected benefits of an acquisition of Armstrong Energy, Inc.; current and future environmental laws and regulations, which could materially increase operating costs or limit our ability to produce and sell coal; extensive government regulation of mine operations, especially with respect to mine safety and health, which imposes significant actual and potential costs; difficulties in obtaining and/or renewing permits necessary for operations; a variety of operating risks, such as unfavorable geologic conditions, adverse weather conditions and natural disasters, mining and processing equipment unavailability, failures and unexpected maintenance problems and accidents, including fire and explosions from methane; poor mining conditions resulting from the effects of prior mining; the availability and costs of key supplies and commodities such as steel, diesel fuel and explosives; fluctuations in transportation costs or disruptions in transportation services, which could increase competition or impair our ability to supply coal; a shortage of skilled labor; increased labor costs or work stoppages; our ability to secure or acquire new or replacement high-quality coal reserves that are economically recoverable; material inaccuracies in our estimates of coal reserves and non-reserve coal deposits; existing and future laws and regulations regulating the emission of sulfur dioxide and other compounds, which could affect coal consumers and reduce demand for coal; federal and state laws restricting the emissions of greenhouse gases; our ability to acquire or failure to maintain, obtain or renew surety bonds used to secure obligations to reclaim mined property; our dependence on a few customers and our ability to find and retain customers under favorable supply contracts; changes in consumption patterns by utilities away from the use of coal, such as changes resulting from low natural gas prices; changes in governmental regulation of the electric utility industry; defects in title in properties that we own or losses of any of our leasehold interests; our ability to retain and attract senior management and other key personnel; material inaccuracy of assumptions underlying reclamation and mine closure obligations; and weakness in global economic conditions. Other factors that could cause our actual results to differ from our projected results are described elsewhere in (1) this Form 10-Q, (2) our Annual Report on Form 10-K for the year ended December 31, 2016, (3) our reports and registration statements filed from time to time with the Securities and Exchange Commission and (4) other announcements we make from time to time. In addition, we may be subject to unforeseen risks that may have a materially adverse effect on us. Accordingly, no assurances can be given that the actual events and results will not be materially different from the anticipated results described in the forward-looking 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.

PART I.—FINANCIAL INFORMATION

Item 1. Financial Statements (Unaudited)

RHINO RESOURCE PARTNERS LP
UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF FINANCIAL POSITION
(in thousands)

| | June 30, 2017 | December 31, 2016 |
|---|-------------------|----------------------|
| ASSETS | | |
| CURRENT ASSETS: | | |
| Cash and cash equivalents | \$ 37 | \$ 47 |
| Accounts receivable, net of allowance for doubtful accounts (\$-0- as of June 30, 2017 and December 31, 2016) | 19,579 | 13,893 |
| Inventories | 10,471 | 8,050 |
| Advance royalties, current portion | 931 | 898 |
| Investment in available for sale securities | 10,580 | 3,532 |
| Prepaid expenses and other | 4,648 | 5,133 |
| Total current assets | <u>46,246</u> | <u>31,553</u> |
| PROPERTY, PLANT AND EQUIPMENT: | | |
| At cost, including coal properties, mine development and construction costs | 457,262 | 449,181 |
| Less accumulated depreciation, depletion and amortization | (276,229) | (266,874) |
| Net property, plant and equipment | <u>181,033</u> | <u>182,307</u> |
| Advance royalties, net of current portion | 7,767 | 7,652 |
| Investment in unconsolidated affiliates | 130 | 5,121 |
| Intangible purchase option | 21,750 | 21,750 |
| Note receivable-related party | 2,040 | 2,040 |
| Other non-current assets | 27,517 | 27,018 |
| TOTAL | <u>\$ 286,483</u> | <u>\$ 277,441</u> |
| LIABILITIES AND EQUITY | | |
| CURRENT LIABILITIES: | | |
| Accounts payable | \$ 12,854 | \$ 10,420 |
| Accrued expenses and other | 15,028 | 10,063 |
| Current portion of long-term debt | 12,290 | 10,040 |
| Current portion of asset retirement obligations | 917 | 917 |
| Total current liabilities | <u>41,089</u> | <u>31,440</u> |
| NON-CURRENT LIABILITIES: | | |
| Asset retirement obligations, net of current portion | 23,275 | 22,361 |
| Other non-current liabilities | 45,783 | 45,371 |
| Total non-current liabilities | <u>69,058</u> | <u>67,732</u> |
| Total liabilities | <u>110,147</u> | <u>99,172</u> |
| COMMITMENTS AND CONTINGENCIES (NOTE 12) | | |
| PARTNERS' CAPITAL: | | |
| Limited partners | 150,759 | 154,696 |
| Subscription receivable from limited partners | (2,000) | (2,000) |
| General partner | 8,942 | 8,959 |
| Preferred partners | 17,473 | 15,000 |
| Preferred partner distribution earned | (2,473) | - |
| Accumulated other comprehensive income | 3,635 | 1,614 |
| Total partners' capital | <u>176,336</u> | <u>178,269</u> |
| TOTAL | <u>\$ 286,483</u> | <u>\$ 277,441</u> |

See notes to unaudited condensed consolidated financial statements

RHINO RESOURCE PARTNERS LP
UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS AND
COMPREHENSIVE INCOME
(in thousands, except per unit data)

| | Three Months Ended June 30, | | Six Months Ended June 30, | |
|--|--------------------------------|---------------------|------------------------------|---------------------|
| | 2017 | 2016 | 2017 | 2016 |
| REVENUES: | | | | |
| Coal sales | \$ 54,710 | \$ 39,106 | \$ 106,491 | \$ 75,786 |
| Freight and handling revenues | 187 | 581 | 318 | 1,210 |
| Other revenues | 1,638 | 1,926 | 3,276 | 3,947 |
| Total revenues | <u>56,535</u> | <u>41,613</u> | <u>110,085</u> | <u>80,943</u> |
| COSTS AND EXPENSES: | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | 46,671 | 33,361 | 91,610 | 62,857 |
| Freight and handling costs | 228 | 516 | 997 | 1,066 |
| Depreciation, depletion and amortization | 5,609 | 5,810 | 11,307 | 11,851 |
| Selling, general and administrative (exclusive of depreciation, depletion and amortization shown separately above) | 2,732 | 3,904 | 5,783 | 7,943 |
| Loss/(Gain) on sale/disposal of assets—net | 80 | (25) | 43 | (295) |
| Total costs and expenses | <u>55,320</u> | <u>43,566</u> | <u>109,740</u> | <u>83,422</u> |
| INCOME/(LOSS) FROM OPERATIONS | <u>1,215</u> | <u>(1,953)</u> | <u>345</u> | <u>(2,479)</u> |
| INTEREST AND OTHER (EXPENSE)/INCOME: | | | | |
| Interest expense | (965) | (1,720) | (2,120) | (3,290) |
| Interest income and other | - | 31 | - | 64 |
| Equity in net (loss)/income of unconsolidated affiliates | 40 | (26) | 36 | (105) |
| Total interest and other (expense) | <u>(925)</u> | <u>(1,715)</u> | <u>(2,084)</u> | <u>(3,331)</u> |
| NET INCOME/(LOSS) BEFORE INCOME TAXES FROM CONTINUING OPERATIONS | 290 | (3,668) | (1,739) | (5,810) |
| INCOME TAXES | - | - | - | - |
| NET INCOME/(LOSS) FROM CONTINUING OPERATIONS | <u>290</u> | <u>(3,668)</u> | <u>(1,739)</u> | <u>(5,810)</u> |
| DISCONTINUED OPERATIONS (NOTE 3) | | | | |
| Loss from discontinued operations | - | (118,285) | - | (117,366) |
| NET INCOME/(LOSS) | 290 | (121,953) | (1,739) | (123,176) |
| Other comprehensive income: | | | | |
| Fair market value adjustment for available-for-sale investment | 554 | - | 2,021 | - |
| Amortization of actuarial gain | - | - | - | (4,796) |
| COMPREHENSIVE INCOME/(LOSS) | <u>\$ 844</u> | <u>\$ (121,953)</u> | <u>\$ 282</u> | <u>\$ (127,972)</u> |
| General partner's interest in net (loss): | | | | |
| Net (loss) from continuing operations | \$ (4) | \$ (24) | \$ (17) | \$ (67) |
| Net (loss) from discontinued operations | - | (784) | - | (765) |
| General partner's interest in net (loss) | <u>\$ (4)</u> | <u>\$ (808)</u> | <u>\$ (17)</u> | <u>\$ (832)</u> |
| Common unitholders' interest in net (loss): | | | | |
| Net (loss) from continuing operations | \$ (970) | \$ (3,145) | \$ (3,829) | \$ (4,202) |
| Net (loss) from discontinued operations | - | (101,413) | - | (85,309) |
| Common unitholders' interest in net (loss) | <u>\$ (970)</u> | <u>\$ (104,558)</u> | <u>\$ (3,829)</u> | <u>\$ (89,511)</u> |
| Subordinated unitholders' interest in net (loss): | | | | |
| Net (loss) from continuing operations | \$ (93) | \$ (499) | \$ (366) | \$ (1,541) |
| Net (loss) from discontinued operations | - | (16,088) | - | (31,292) |
| Subordinated unitholders' interest in net (loss) | <u>\$ (93)</u> | <u>\$ (16,587)</u> | <u>\$ (366)</u> | <u>\$ (32,833)</u> |
| Preferred unitholders' interest in net income: | | | | |
| Net income from continuing operations | \$ 1,357 | n/a | \$ 2,473 | n/a |
| Net income from discontinued operations | - | n/a | - | n/a |
| Preferred unitholders' interest in net income | <u>\$ 1,357</u> | <u>n/a</u> | <u>\$ 2,473</u> | <u>\$ -</u> |
| Net (loss) per limited partner unit, basic: | | | | |
| Common units: | | | | |
| Net (loss) per unit from continuing operations | \$ (0.08) | \$ (0.40) | \$ (0.30) | \$ (1.25) |
| Net (loss) per unit from discontinued operations | - | (13.02) | - | (25.32) |
| Net (loss) per common unit, basic | <u>\$ (0.08)</u> | <u>\$ (13.42)</u> | <u>\$ (0.30)</u> | <u>\$ (26.57)</u> |
| Subordinated units | | | | |
| Net (loss) per unit from continuing operations | \$ (0.08) | \$ (0.40) | \$ (0.30) | \$ (1.25) |
| Net (loss) per unit from discontinued operations | - | (13.02) | - | (25.32) |
| Net (loss) per subordinated unit, basic | <u>\$ (0.08)</u> | <u>\$ (13.42)</u> | <u>\$ (0.30)</u> | <u>\$ (26.57)</u> |
| Preferred units | | | | |
| Net income per unit from continuing operations | \$ 0.90 | n/a | \$ 1.65 | n/a |
| Net income per unit from discontinued operations | - | n/a | - | n/a |
| Net income per preferred unit, basic | <u>\$ 0.90</u> | <u>n/a</u> | <u>\$ 1.65</u> | <u>n/a</u> |

| Net (loss)/income per limited partner unit, diluted: | | | | | | | | |
|--|----|--------|----|---------|----|--------|----|---------|
| Common units | | | | | | | | |
| Net (loss) per unit from continuing operations | \$ | (0.08) | \$ | (0.40) | \$ | (0.30) | \$ | (1.25) |
| Net (loss) per unit from discontinued operations | | - | | (13.02) | | - | | (25.32) |
| Net (loss) per common unit, diluted | \$ | (0.08) | \$ | (13.42) | \$ | (0.30) | \$ | (26.57) |
| Subordinated units | | | | | | | | |
| Net (loss) per unit from continuing operations | \$ | (0.08) | \$ | (0.40) | \$ | (0.30) | \$ | (1.25) |
| Net (loss) per unit from discontinued operations | | - | | (13.02) | | - | | (25.32) |
| Net (loss) per subordinated unit, diluted | \$ | (0.08) | \$ | (13.42) | \$ | (0.30) | \$ | (26.57) |
| Preferred units | | | | | | | | |
| Net income per unit from continuing operations | \$ | 0.90 | | n/a | \$ | 1.65 | | n/a |
| Net income per unit from discontinued operations | | - | | n/a | | - | | n/a |
| Net income per preferred unit, diluted | \$ | 0.90 | | n/a | \$ | 1.65 | | n/a |
| Distributions paid per limited partner unit (1) | \$ | - | \$ | - | \$ | - | \$ | - |
| Weighted average number of limited partner units outstanding, basic: | | | | | | | | |
| Common units | | 12,964 | | 7,788 | | 12,920 | | 3,368 |
| Subordinated units | | 1,236 | | 1,236 | | 1,236 | | 1,236 |
| Preferred units | | 1,500 | | n/a | | 1,500 | | n/a |
| Weighted average number of limited partner units outstanding, diluted: | | | | | | | | |
| Common units | | 12,964 | | 7,788 | | 12,920 | | 3,368 |
| Subordinated units | | 1,236 | | 1,236 | | 1,236 | | 1,236 |
| Preferred units | | 1,500 | | n/a | | 1,500 | | n/a |

(1) No distributions were paid for the six months ended June 30, 2017 and 2016.

RHINO RESOURCE PARTNERS LP
UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(in thousands)

| | Six Months Ended June 30, | |
|---|---------------------------|----------------|
| | 2017 | 2016 |
| CASH FLOWS FROM OPERATING ACTIVITIES: | | |
| Net (loss) | \$ (1,739) | \$ (123,176) |
| Adjustments to reconcile net income to net cash provided by operating activities: | | |
| Depreciation, depletion and amortization | 11,307 | 12,178 |
| Accretion on asset retirement obligations | 948 | 763 |
| Amortization of deferred revenue | - | (718) |
| Amortization of advance royalties | 567 | 570 |
| Amortization of debt issuance costs | 670 | 998 |
| Amortization of actuarial gain | - | (4,796) |
| Equity in net loss/(income) of unconsolidated affiliates | (36) | 105 |
| Loss on retirement of advance royalties | 140 | 140 |
| Loss on asset impairments | - | 118,705 |
| (Gain) on sale/disposal of assets—net | 43 | (295) |
| Equity-based compensation | 260 | 520 |
| Changes in assets and liabilities: | | |
| Accounts receivable | (5,932) | 1,371 |
| Inventories | (2,421) | 710 |
| Advance royalties | (855) | (1,188) |
| Prepaid expenses and other assets | (1,359) | (697) |
| Accounts payable | 2,227 | 1,676 |
| Accrued expenses and other liabilities | 3,497 | (2,626) |
| Asset retirement obligations | (34) | (142) |
| Postretirement benefits | - | (45) |
| Net cash provided by operating activities | <u>7,283</u> | <u>4,053</u> |
| CASH FLOWS FROM INVESTING ACTIVITIES: | | |
| Additions to property, plant, and equipment | (10,612) | (4,362) |
| Proceeds from sales of property, plant, and equipment | 406 | 341 |
| Proceeds from business disposal | 890 | - |
| Net cash used in investing activities | <u>(9,316)</u> | <u>(4,021)</u> |
| CASH FLOWS FROM FINANCING ACTIVITIES: | | |
| Borrowings on line of credit | 64,750 | 48,800 |
| Repayments on line of credit | (62,500) | (52,250) |
| Repayments on long-term debt | - | (111) |
| Distributions to unitholders | - | (24) |
| Payments on debt issuance costs | (227) | (1,510) |
| Limited partner contributions | - | 5,000 |
| Net cash provided by/(used in) financing activities | <u>2,023</u> | <u>(95)</u> |
| NET DECREASE IN CASH AND CASH EQUIVALENTS | (10) | (63) |
| CASH AND CASH EQUIVALENTS—Beginning of period | 47 | 78 |
| CASH AND CASH EQUIVALENTS—End of period | <u>\$ 37</u> | <u>\$ 15</u> |

See notes to unaudited condensed consolidated financial statements.

RHINO RESOURCE PARTNERS LP
NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
AS OF JUNE 30, 2017 AND DECEMBER 31, 2016 AND FOR THE THREE AND SIX MONTHS ENDED
JUNE 30, 2017 AND 2016

1. BASIS OF PRESENTATION AND ORGANIZATION

Basis of Presentation and Principles of Consolidation—The accompanying unaudited interim financial statements include the accounts of Rhino Resource Partners LP and its subsidiaries (the “Partnership”). Intercompany transactions and balances have been eliminated in consolidation.

Unaudited Interim Financial Information—The accompanying unaudited interim financial statements have been prepared in accordance with generally accepted accounting principles for interim financial information. The condensed consolidated statement of financial position as of June 30, 2017, condensed consolidated statements of operations and comprehensive income for the three and six months ended June 30, 2017 and 2016 and the condensed consolidated statements of cash flows for the six months ended June 30, 2017 and 2016 include all adjustments that the Partnership considers necessary for a fair presentation of the financial position, operating results and cash flows for the periods presented. The condensed consolidated statement of financial position as of December 31, 2016 was derived from audited financial statements, but does not include all disclosures required by accounting principles generally accepted in the United States of America (“U.S.”). The Partnership filed its Annual Report on Form 10-K for the year ended December 31, 2016 with the Securities and Exchange Commission (“SEC”), which included all information and notes necessary for such presentation. The results of operations for the interim periods are not necessarily indicative of the results to be expected for the year or any future period. These unaudited interim financial statements should be read in conjunction with the audited financial statements included in the Partnership’s Annual Report on Form 10-K for the year ended December 31, 2016 filed with the SEC.

Reclassifications. Certain prior year amounts have been reclassified to discontinued operations on the unaudited condensed consolidated statements of operations and comprehensive income related to the disposal of the Elk Horn coal leasing business during 2016. See Note 3 for further information on the Elk Horn disposal.

Debt Classification—The Partnership evaluated its amended and restated senior secured credit facility at June 30, 2017 to determine whether this debt liability should be classified as a long-term or current liability on the Partnership’s unaudited condensed consolidated statements of financial position. On May 13, 2016, the Partnership entered into a fifth amendment (the “Fifth Amendment”) of its amended and restated agreement that initially extended the term of the senior secured credit facility to July 31, 2017. Per the Fifth Amendment, the term of the credit facility automatically extended to December 31, 2017 when the revolving credit commitments were reduced to \$55 million or less as of December 31, 2016. As of December 31, 2016, the Partnership had met the requirements to extend the maturity date of the credit facility to December 31, 2017. Since the credit facility has an expiration date of December 2017, the Partnership determined that its credit facility debt liability at June 30, 2017 and December 31, 2016 of \$12.3 million and \$10.0 million, respectively, should be classified as a current liability on its unaudited condensed consolidated statements of financial position. The classification of the credit facility balance as a current liability raises substantial doubt of the Partnership’s ability to continue as a going concern for the next twelve months. The Partnership is considering alternative financing options that could result in a new long-term credit facility. Since the credit facility has an expiration date of December 31, 2017, the Partnership will have to secure alternative financing to replace its credit facility by the expiration date of December 31, 2017 in order to continue its normal business operations and meet its obligations as they come due. The financial statements do not include any adjustments relating to the recoverability and classification of assets carrying amounts or the amount of and classification of liabilities that may result should the Partnership be unable to continue as a going concern.

Organization—Rhino Resource Partners LP is a Delaware limited partnership formed on April 19, 2010 to acquire Rhino Energy LLC (the “Operating Company”). The Operating Company and its wholly owned subsidiaries produce and market coal from surface and underground mines in Kentucky, Ohio, West Virginia, and Utah. The majority of sales are made to electric utilities and other coal-related organizations in the United States.

Reverse Unit Split

On April 18, 2016, the Partnership completed a 1-for-10 reverse split on its common units and subordinated units. Pursuant to the reverse split, common unitholders received one common unit for every 10 common units owned on April 18, 2016 and subordinated unitholders received one subordinated unit for every 10 subordinated units owned on April 18, 2016. All common and subordinated units, net income (loss) per unit and distribution per unit references included herein have been adjusted as if the change took place before the date of the earliest transaction reported. Any fractional units resulting from the reverse unit split were rounded to the nearest whole unit.

Royal Energy Resources, Inc. Acquisition

On January 21, 2016, a definitive agreement (“Definitive Agreement”) was completed between Royal Energy Resources, Inc. (“Royal”) and Wexford Capital LP (“Wexford Capital”) whereby Royal acquired 676,911 issued and outstanding common units of the Partnership from Wexford Capital for \$3.5 million. The Definitive Agreement also included the committed acquisition by Royal within sixty days from the date of the Definitive Agreement of all of the issued and outstanding membership interests of Rhino GP LLC, the general partner of the Partnership (the “General Partner”), as well as 945,525 issued and outstanding subordinated units of the Partnership from Wexford Capital for \$1.0 million.

On March 17, 2016, Royal completed the acquisition of all of the issued and outstanding membership interests of the General Partner as well as the 945,525 issued and outstanding subordinated units from Wexford Capital. Royal obtained control of, and a majority limited partner interest, in the Partnership with the completion of this transaction.

On March 21, 2016, the Partnership and Royal entered into a securities purchase agreement (the “Securities Purchase Agreement”) pursuant to which the Partnership issued 6,000,000 common units in the Partnership to Royal in a private placement at \$1.50 per common unit for an aggregate purchase price of \$9.0 million. Royal paid the Partnership \$2.0 million in cash and delivered a promissory note payable to the Partnership (“Rhino Promissory Note”) in the amount of \$7.0 million. The promissory note was payable in three installments: (i) \$3.0 million on July 31, 2016; (ii) \$2.0 million on or before September 30, 2016 and (iii) \$2.0 million on or before December 31, 2016. In the event the disinterested members of the board of directors of the General Partner determine that the Partnership does not need the capital that would be provided by either or both installments set forth in (ii) and (iii) above, in each case, the Partnership has the option to rescind Royal’s purchase of 1,333,333 common units and the applicable installment will not be payable (each, a “Rescission Right”). If the Partnership fails to exercise a Rescission Right, in each case, the Partnership has the option to repurchase 1,333,333 common units at \$3.00 per common unit from Royal (each, a “Repurchase Option”). The Repurchase Options terminate on December 31, 2017. On May 13, 2016 and September 30, 2016, Royal paid the Partnership \$3.0 million and \$2.0 million, respectively, for the promissory note installments that were due July 31, 2016 and September 30, 2016, respectively. The payments were made in relation to the Fifth Amendment of the amended and restated credit agreement completed on May 13, 2016. See Note 8 for more information on the Fifth Amendment to the amended and restated credit agreement. On December 30, 2016, the Partnership modified the Securities Purchase Agreement with Royal for the final \$2.0 million payment due on or before December 31, 2016 to extend the due date to December 31, 2018 (see “Letter Agreement” discussion below).

Option Agreement-Armstrong Energy

On December 30, 2016, the Partnership entered into an option agreement (the “Option Agreement”) with Royal, Rhino Resources Partners Holdings, LLC (“Rhino Holdings”), an entity wholly owned by certain investment partnerships managed by Yorktown Partners LLC (“Yorktown”), and the General Partner. Upon execution of the Option Agreement, the Partnership received an option (the “Call Option”) from Rhino Holdings to acquire substantially all of the outstanding common stock of Armstrong Energy, Inc. (“Armstrong Energy”) that is currently owned by investment partnerships managed by Yorktown, representing approximately 97% of the outstanding common stock of Armstrong Energy. The Option Agreement stipulates that the Partnership can exercise the Call Option no earlier than January 1, 2018 and no later than December 31, 2019. In exchange for Rhino Holdings granting the Partnership the Call Option, the Partnership issued 5.0 million common units, representing limited partner interests in the Partnership (the “Call Option Premium Units”) to Rhino Holdings upon the execution of the Option Agreement. The Option Agreement stipulates the Partnership can exercise the Call Option and purchase the common stock of Armstrong Energy in exchange for a number of common units to be issued to Rhino Holdings, which when added with the Call Option Premium Units, will result in Rhino Holdings owning 51% of the fully diluted common units of the Partnership. The purchase of Armstrong Energy through the exercise of the Call Option would also require Royal to transfer a 51% ownership interest in the General Partner to Rhino Holdings. The Partnership’s ability to exercise the Call Option is conditioned upon (i) sixty (60) days having passed since the entry by Armstrong Energy into an agreement with its bondholders to restructure its bonds and (ii) the amendment of the Partnership’s revolving credit facility to permit the acquisition of Armstrong Energy.

The Option Agreement also contains an option (the “Put Option”) granted by the Partnership to Rhino Holdings whereby Rhino Holdings has the right, but not the obligation, to cause the Partnership to purchase substantially all of the outstanding common stock of Armstrong Energy from Rhino Holdings under the same terms and conditions discussed above for the Call Option. The exercise of the Put Option is dependent upon (i) the entry by Armstrong Energy into an agreement with its bondholders to restructure its bonds and (ii) the termination and repayment of any outstanding balance under the Partnership’s revolving credit facility.

The Option Agreement contains customary covenants, representations and warranties and indemnification obligations for losses arising from the inaccuracy of representations or warranties or breaches of covenants contained in the Option Agreement, the Seventh Amendment (defined below) and the GP Amendment (defined below). Upon the request by Rhino Holdings, the Partnership will also enter into a registration rights agreement that provides Rhino Holdings with the right to demand two shelf registration statements and registration statements on Form S-1, as well as piggyback registration rights for as long as Rhino Holdings owns at least 10% of the outstanding common units.

Pursuant to the Option Agreement, the Second Amended and Restated Limited Liability Company Agreement of our general partner was amended (“GP Amendment”). Pursuant to the GP Amendment, Mr. Bryan H. Lawrence was appointed to the board of directors of our general partner as a designee of Rhino Holdings and Rhino Holdings has the right to appoint an additional independent director. Rhino Holdings has the right to appoint two members to the board of directors of our general partner for as long as it continues to own 20% of the common units on an undiluted basis. The GP Amendment also provided Rhino Holdings with the authority to consent to any delegation of authority to any committee of the board of our general partner. Upon the exercise of the Call Option or the Put Option, the Second Amended and Restated Limited Liability Company Agreement of our general partner, as amended, will be further amended to provide that Royal and Rhino Holdings will each have the ability to appoint three directors and that the remaining director will be the chief executive officer of our general partner unless agreed otherwise.

Series A Preferred Unit Purchase Agreement

On December 30, 2016, the Partnership entered into a Series A Preferred Unit Purchase Agreement (the “Preferred Unit Agreement”) with Weston Energy LLC (“Weston”), an entity wholly owned by certain investment partnerships managed by Yorktown, and Royal. Under the Preferred Unit Agreement, Weston and Royal purchased 1,300,000 and 200,000, respectively, of Series A preferred units representing limited partner interests in the Partnership at a price of \$10.00 per Series A preferred unit. The Series A preferred units have the preferences, rights and obligations set forth in the Amended and Restated Partnership Agreement. Weston and Royal paid cash of \$11.0 million and \$2.0 million, respectively, to the Partnership and Weston assigned to the Partnership a \$2.0 million note receivable from Royal originally dated September 30, 2016 (the “Weston Promissory Note”).

The Preferred Unit Agreement contains customary representations, warrants and covenants, which include among other things, that, for as long as the Series A preferred units are outstanding, the Partnership will cause CAM Mining, LLC (“CAM Mining”), which comprises the Partnership’s Central Appalachia segment, to conduct its business in the ordinary course consistent with past practice and use reasonable best efforts to maintain and preserve intact its current organization, business and franchise and to preserve the rights, franchises, goodwill and relationships of its employees, customers, lenders, suppliers, regulators and others having business relationships with CAM Mining.

The Preferred Unit Agreement stipulates that upon the request of the holder of the majority of the Partnership's common units following their conversion from Series A preferred units, as outlined in the Amended and Restated Partnership Agreement (defined below), the Partnership will enter into a registration rights agreement with such holder. Such majority holder has the right to demand two shelf registration statements and registration statements on Form S-1, as well as piggyback registration rights.

Letter Agreement Regarding Rhino Promissory Note and Weston Promissory Note

On December 30, 2016, the Partnership and Royal entered into a letter agreement whereby they extended the maturity dates of the Weston Promissory Note and the final installment payment of the Rhino Promissory Note to December 31, 2018. The letter agreement further provides that the aggregate \$4.0 million balance of the Weston Promissory Note and Rhino Promissory Note may be converted at Royal's option into a number of shares of Royal's common stock equal to the outstanding balance multiplied by seventy-five percent (75%) of the volume-weighted average closing price of Royal's common stock for the 90 days preceding the date of conversion ("Royal VWAP"), subject to a minimum Royal VWAP of \$3.50 and a maximum Royal VWAP of \$7.50.

Fourth Amended and Restated Agreement of Limited Partnership of Rhino Resource Partners LP

On December 30, 2016, the general partner entered into the Fourth Amended and Restated Agreement of Limited Partnership of the Partnership ("Amended and Restated Partnership Agreement") to create, authorize and issue the Series A preferred units.

The Series A preferred units are a new class of equity security that rank senior to all classes or series of equity securities of the Partnership with respect to distribution rights and rights upon liquidation. The holders of the Series A preferred units shall be entitled to receive annual distributions equal to the greater of (i) 50% of the CAM Mining free cash flow (as defined below) and (ii) an amount equal to the number of outstanding Series A preferred units multiplied by \$0.80. "CAM Mining free cash flow" is defined in the Amended and Restated Partnership Agreement as (i) the total revenue of the Partnership's Central Appalachia business segment, minus (ii) the cost of operations (exclusive of depreciation, depletion and amortization) for the Partnership's Central Appalachia business segment, minus (iii) an amount equal to \$6.50, multiplied by the aggregate number of coal tons sold by the Partnership from its Central Appalachia business segment. If the Partnership fails to pay any or all of the distributions in respect of the Series A preferred units, such deficiency will accrue until paid in full and the Partnership will not be permitted to pay any distributions on its partnership interests that rank junior to the Series A preferred units, including its common units. The Series A preferred units will be liquidated in accordance with their capital accounts and upon liquidation will be entitled to distributions of property and cash in accordance with the balances of their capital accounts prior to such distributions to equity securities that rank junior to the Series A preferred units.

The Series A preferred units will vote on an as-converted basis with the common units, and the Partnership will be restricted from taking certain actions without the consent of the holders of a majority of the Series A preferred units, including: (i) the issuance of additional Series A preferred units, or securities that rank senior or equal to the Series A preferred units; (ii) the sale or transfer of CAM Mining or a material portion of its assets; (iii) the repurchase of common units, or the issuance of rights or warrants to holders of common units entitling them to purchase common units at less than fair market value; (iv) consummation of a spin off; (v) the incurrence, assumption or guaranty of indebtedness for borrowed money in excess of \$50.0 million except indebtedness relating to entities or assets that are acquired by the Partnership or its affiliates that is in existence at the time of such acquisition or (vi) the modification of CAM Mining's accounting principles or the financial or operational reporting principles of the Partnership's Central Appalachia business segment, subject to certain exceptions.

The Partnership will have the option to convert the outstanding Series A preferred units at any time on or after the time at which the amount of aggregate distributions paid in respect of each Series A preferred unit exceeds \$10.00 per unit. Each Series A preferred unit will convert into a number of common units equal to the quotient (the "Series A Conversion Ratio") of (i) the sum of \$10.00 and any unpaid distributions in respect of such Series A Preferred Unit divided by (ii) 75% of the volume-weighted average closing price of the common units for the preceding 90 trading days (the "VWAP"); provided however, that the VWAP will be capped at a minimum of \$2.00 and a maximum of \$10.00. On December 31, 2021, all outstanding Series A preferred units will convert into common units at the then applicable Series A Conversion Ratio.

Delisting of Common Units from NYSE

On December 17, 2015, the New York Stock Exchange (“NYSE”) notified the Partnership that the NYSE had determined to commence proceedings to delist its common units from the NYSE as a result of the Partnership’s failure to comply with the continued listing standard set forth in Section 802.01B of the NYSE Listed Company Manual to maintain an average global market capitalization over a consecutive 30 trading-day period of at least \$15 million for our common units. The NYSE also suspended the trading of the Partnership’s common units at the close of trading on December 17, 2015.

On January 4, 2016, the Partnership filed an appeal with the NYSE to review the suspension and delisting determination of the Partnership’s common units. The NYSE held a hearing regarding our appeal on April 20, 2016 and affirmed its prior decision to delist the Partnership’s common units.

On April 27, 2016, the NYSE filed with the SEC a notification of removal from listing and registration on Form 25 to delist the Partnership’s common units and terminate the registration of its common units under Section 12(b) of the Securities Exchange Act of 1934. The delisting became effective on May 9, 2016. The Partnership’s common units trade on the OTCQB Marketplace under the ticker symbol “RHNO.”

The Partnership is exploring the possibility of listing its common units on the NASDAQ Stock Market (“NASDAQ”), pending its capability to meet the NASDAQ initial listing standards.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND GENERAL

Investments in Unconsolidated Affiliates. Investments in other entities are accounted for using the consolidation, equity method or cost basis depending upon the level of ownership, the Partnership’s ability to exercise significant influence over the operating and financial policies of the investee and whether the Partnership is determined to be the primary beneficiary of a variable interest entity. Equity investments are recorded at original cost and adjusted periodically to recognize the Partnership’s proportionate share of the investees’ net income or losses after the date of investment. Any losses from the Partnership’s equity method investments are absorbed by the Partnership based upon its proportionate ownership percentage. If losses are incurred that exceed the Partnership’s investment in the equity method entity, then the Partnership must continue to record its proportionate share of losses in excess of its investment. Investments are written down only when there is clear evidence that a decline in value that is other than temporary has occurred.

In December 2012, the Partnership made an initial investment in a new joint venture, Muskie Proppant LLC (“Muskie”), with affiliates of Wexford Capital. In November 2014, the Partnership contributed its investment interest in Muskie to Mammoth Energy Partners LP (“Mammoth”) in return for a limited partner interest in Mammoth. In October 2016, the Partnership contributed its limited partner interests in Mammoth to Mammoth Energy Services, Inc. (NASDAQ: TUSK) (“Mammoth Inc.”) in exchange for 234,300 shares of common stock of Mammoth, Inc.

In September 2014, the Partnership made an initial investment of \$5.0 million in a new joint venture, Sturgeon Acquisitions LLC (“Sturgeon”), with affiliates of Wexford Capital and Gulfport Energy Corporation (NASDAQ: GPOR) (“Gulfport”). The Partnership accounts for the investment in this joint venture and results of operations under the equity method based upon its ownership percentage. The Partnership recorded its proportionate share of the operating income for this investment for the three and six months ended June 30, 2017 of approximately \$40,000 and \$36,000, respectively. The Partnership recorded its proportionate share of the operating (loss) for Sturgeon for the three and six months ended June 30, 2016 of approximately (\$26,000) and (\$0.1) million, respectively. In June 2017, the Partnership contributed its limited partner interests in Sturgeon to Mammoth Inc. in exchange for 336,447 shares of common stock of Mammoth Inc. As of June 30, 2017, the Partnership owned 568,794 shares of Mammoth Inc.

As of June 30, 2017 and December 31, 2016, the Partnership recorded a fair market value adjustment of \$2.0 million and \$1.6 million, respectively, for its available-for-sale investment in Mammoth Inc. based on the market value of the shares at June 30, 2017 and December 31, 2016, respectively, which was recorded in Other Comprehensive Income. As of June 30, 2017 and December 31, 2016, the Partnership has recorded its investment in Mammoth Inc. as a short-term asset, which the Partnership has classified as available-for-sale. The Partnership has included its investment in Mammoth Inc. and its prior investment in Muskie and Sturgeon in its Other category for segment reporting purposes.

Recently Issued Accounting Standards. In May 2014, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) 2014-09, “Revenue from Contracts with Customers” (“ASU 2014-09”). ASU 2014-09 clarifies the principles for recognizing revenue and establishes a common revenue standard for U.S. financial reporting purposes. The guidance in ASU 2014-09 affects any entity that either enters into contracts with customers to transfer goods or services or enters into contracts for the transfer of nonfinancial assets unless those contracts are within the scope of other standards (for example, insurance contracts or lease contracts). ASU 2014-09 supersedes the revenue recognition requirements in Accounting Standards Codification (“ASC”) 605, *Revenue Recognition*, and most industry-specific accounting guidance. Additionally, ASU 2014-09 supersedes some guidance included in ASC 605-35, *Revenue Recognition—Construction-Type and Production-Type Contracts*. In addition, the existing requirements for the recognition of a gain or loss on the transfer of nonfinancial assets that are not in a contract with a customer (for example, assets within the scope of ASC 360, *Property, Plant, and Equipment*, and intangible assets within the scope of ASC 350, *Intangibles—Goodwill and Other*) are amended to be consistent with the guidance on recognition and measurement (including the constraint on revenue) in ASU 2014-09. In July 2015, the FASB approved to defer the effective date of ASU 2014-09 by one year. Accordingly, ASU 2014-09 will be effective for public entities for annual reporting periods beginning after December 15, 2017 and interim periods therein. The Partnership is evaluating the requirements of this new accounting guidance.

In February 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)*. ASU 2016-02 requires that lessees recognize all leases (other than leases with a term of twelve months or less) on the balance sheet as lease liabilities, based upon the present value of the lease payments, with corresponding right of use assets. ASU 2016-02 also makes targeted changes to other aspects of current guidance, including identifying a lease and lease classification criteria as well as the lessor accounting model, including guidance on separating components of a contract and consideration in the contract. The amendments in ASU 2016-02 will be effective for the Partnership on January 1, 2019 and will require modified retrospective application as of the beginning of the earliest period presented in the financial statements. Early application is permitted. The Partnership is currently evaluating this guidance.

In August 2016, the FASB issued ASU 2016-15, *Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments*. ASU 2016-15 provides guidance on eight cash flow issues, including debt prepayment or debt extinguishment costs. ASU 2016-15 requires that cash payments related to debt prepayments or debt extinguishments, excluding accrued interest, be classified as a financing activity rather than an operating activity even when the effects enter into the determination of net income. The amendments in ASU 2016-15 will be effective on January 1, 2018 and must be applied retrospectively. Early application is permitted. The Partnership is currently evaluating this guidance.

In January 2017, the FASB issued ASU 2017-01, *Business Combinations (Topic 805)*. ASU 2017—01 clarifies the definition of a business with the objective of adding guidance to assist entities with evaluating whether transactions should be accounted for as acquisitions (or disposals) of assets or businesses. ASU is effective for fiscal years beginning after December 15, 2017, including interim periods within those fiscal years. The Partnership is currently evaluating this guidance.

3. DISCONTINUED OPERATIONS

Elk Horn Coal Leasing

In August 2016, the Partnership entered into an agreement to sell its Elk Horn coal leasing company (“Elk Horn”) to a third party for total cash consideration of \$12.0 million. The Partnership received \$10.5 million in cash consideration upon the closing of the Elk Horn transaction and the remaining \$1.5 million of consideration will be paid in ten equal monthly installments of \$150,000 on the 20th of each calendar month beginning on September 20, 2016. The Partnership recorded a loss of \$119.9 million from the Elk Horn disposal during the year ended December 31, 2016. The previous operating results of Elk Horn have been reclassified and reported on the (Gain)/loss from discontinued operations line on the Partnership’s unaudited condensed consolidated statements of operations and comprehensive income for the three and six months ended June 30, 2016.

Major components of net (loss)/income from discontinued operations for the three and six months ended June 30, 2017 and 2016 are summarized as follows:

| | Three Months Ended June 30, | | Six Months Ended June 30, | |
|--|------------------------------------|--------------|----------------------------------|--------------|
| | 2017 | 2016 | 2017 | 2016 |
| Major line items constituting (loss)/income from discontinued operations for the Elk Horn disposal: | | | | |
| Other revenues | \$ - | \$ 1,127 | \$ - | \$ 2,226 |
| Total revenues | - | 1,127 | - | 2,226 |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | - | 499 | - | 454 |
| Depreciation, depletion and amortization | - | 121 | - | 326 |
| Selling, general and administrative (exclusive of depreciation, depletion and amortization shown separately above) | - | 82 | - | 97 |
| (Gain) on sale/disposal of assets, net | - | - | - | - |
| Loss on asset impairment | - | 118,705 | - | 118,705 |
| Interest expense and other | - | 5 | - | 10 |
| Total costs and expenses | - | 119,412 | - | 119,592 |
| Loss from discontinued operations before income taxes for the Elk Horn disposal | - | (118,285) | - | (117,366) |
| Income taxes | - | - | - | - |
| Net loss from discontinued operations | \$ - | \$ (118,285) | \$ - | \$ (117,366) |

Cash Flows. The depreciation, depletion and amortization amounts for Elk Horn for each period presented are listed in the previous table. The Partnership did not fund any capital expenditures for Elk Horn for any periods presented. The amortization of Elk Horn's deferred revenue, which was zero and \$0.7 million for the six months ended June 30, 2017 and 2016, respectively, is the only material non-cash operating item for all periods presented. Elk Horn did not have any material non-cash investing items for the six months ended June 30, 2016.

4. PREPAID EXPENSES AND OTHER CURRENT ASSETS

Prepaid expenses and other current assets as of June 30, 2017 and December 31, 2016 consisted of the following:

| | June 30, 2017 | December 31, 2016 |
|----------------------------------|------------------|----------------------|
| | (in thousands) | |
| Other prepaid expenses | \$ 1,180 | \$ 707 |
| Debt issuance costs—net | 796 | 1,239 |
| Prepaid insurance | 2,011 | 1,432 |
| Prepaid leases | 96 | 77 |
| Supply inventory | 565 | 614 |
| Deposits | - | 164 |
| Note receivable-current portion | - | 900 |
| Total Prepaid expenses and other | \$ 4,648 | \$ 5,133 |

Debt issuance costs were included in Prepaid expenses and other current assets as of June 30, 2017 and December 31, 2016 since the Partnership classified its credit facility balance as a current liability. See Note 8 for further information on the amendments to the amended and restated senior secured credit facility.

As of December 31, 2016, the note receivable balance of \$0.9 million related to the \$1.5 million of consideration to be paid in ten equal monthly installments of \$150,000 for the Elk Horn sale discussed earlier. The note receivable was paid in full as of June 30, 2017.

5. PROPERTY, PLANT AND EQUIPMENT

Property, plant and equipment, including coal properties and mine development and construction costs, as of June 30, 2017 and December 31, 2016 are summarized by major classification as follows:

| | Useful Lives | June 30, 2017 | December 31, 2016 |
|---|-----------------|------------------|----------------------|
| (in thousands) | | | |
| Land | | \$ 15,973 | \$ 16,377 |
| Mining and other equipment and related facilities | 2 - 20 Years | 313,115 | 305,626 |
| Mine development costs | 1 - 15 Years | 57,459 | 57,392 |
| Coal properties and oil and natural gas properties | 1 - 15 Years | 67,989 | 67,989 |
| Construction work in process | | 2,726 | 1,797 |
| Total | | 457,262 | 449,181 |
| Less accumulated depreciation, depletion and amortization | | (276,229) | (266,874) |
| Net | | \$ 181,033 | \$ 182,307 |

Depreciation expense for mining and other equipment and related facilities, depletion expense for coal properties and oil and natural gas properties, amortization expense for mine development costs, amortization expense for intangible assets and amortization expense for asset retirement costs for the three and six months ended June 30, 2017 and 2016 were as follows:

| | Three Months Ended June 30, | | Six Months Ended June 30, | |
|--|-----------------------------|----------|---------------------------|-----------|
| | 2017 | 2016 | 2017 | 2016 |
| (in thousands) | | | | |
| Depreciation expense-mining and other equipment and related facilities | \$ 4,384 | \$ 5,023 | \$ 8,820 | \$ 10,310 |
| Depletion expense for coal properties and oil and natural gas properties | 415 | 427 | 770 | 820 |
| Amortization expense for mine development costs | 788 | 379 | 1,545 | 782 |
| Amortization expense for asset retirement costs | 22 | (19) | 172 | (61) |
| Total depreciation, depletion and amortization | \$ 5,609 | \$ 5,810 | \$ 11,307 | \$ 11,851 |

Taylorville Land Sale

On December 30, 2015, the Partnership completed the sale of its land surface rights for the Taylorville property in central Illinois for approximately \$7.2 million in net proceeds. The sale agreement allows the Partnership to retain the mining permit and control of the proven and probable coal reserves at the Taylorville property as the Partnership has the option to repurchase the rights to the land within seven years from the date of the sale agreement. In accordance with ASC 360-20-40-38, *Real Estate Sales - Derecognition*, since the Partnership has the option to repurchase the rights to the land, the transaction has been accounted for as a financing arrangement rather than a sale. The Taylorville property is recorded in the unaudited condensed consolidated statements of financial position within the net property, plant and equipment caption and the related liability is recorded in the unaudited condensed consolidated statements of financial position within the other noncurrent liability caption.

6. INTANGIBLE AND OTHER NON-CURRENT ASSETS

Other non-current assets as of June 30, 2017 and December 31, 2016 consisted of the following:

| | June 30, 2017 | December 31, 2016 |
|------------------------|------------------|----------------------|
| | (in thousands) | |
| Deposits and other | \$ 219 | \$ 218 |
| Due (to)/from Rhino GP | (60) | (573) |
| Non-current receivable | 27,157 | 27,157 |
| Deferred expenses | 201 | 216 |
| Total | <u>\$ 27,517</u> | <u>\$ 27,018</u> |

Non-current receivable. The non-current receivable balance of \$27.2 million as of June 30, 2017 and December 31, 2016 consisted of the amount due from the Partnership's workers' compensation insurance providers for potential claims against the Partnership that are the primary responsibility of the Partnership, which are covered under the Partnership's insurance policies. The \$27.2 million is also included in the Partnership's accrued workers' compensation benefits liability balance, which is included in the other non-current liabilities section of the Partnership's unaudited condensed consolidated statements of financial position. The Partnership presents this amount on a gross asset and liability basis since a right of setoff does not exist per the accounting guidance in ASC Topic 210, *Balance Sheet*. This presentation has no impact on the Partnership's results of operations or cash flows.

Note receivable-related party. In connection with the Series A preferred units issued in December 2016, Weston assigned to the Partnership a \$2.0 million note receivable and related accrued interest from Royal originally dated September 30, 2016. See Note 1 for further information on the Series A preferred units and the assignment of the note receivable.

Call Option-Armstrong Energy. As discussed in Note 1, the Partnership and Rhino Holdings executed an Option Agreement in December 2016 where the Partnership received a Call Option from Rhino Holdings to acquire substantially all of the outstanding common stock of Armstrong Energy. In exchange for Rhino Holdings granting the Partnership the Call Option, the Partnership issued 5.0 million common units to Rhino Holdings upon the execution of the Option Agreement. The Partnership valued the Call Option at \$21.8 million based upon the closing price of the Partnership's publicly traded common units on the date the Option Agreement was executed.

The Partnership has determined the value of the common units issued at December 30, 2016 of \$21.8 million constituted an amount that would be applied to the potential acquisition of Armstrong Energy, as discussed in Note 1. Because facts and circumstances, including the likelihood of consummation of the contemplated transaction, have not changed substantially since the agreement was executed, the Partnership has concluded that there has been no substantial change in the value of the Call Option.

7. ACCRUED EXPENSES AND OTHER CURRENT LIABILITIES

Accrued expenses and other current liabilities as of June 30, 2017 and December 31, 2016 consisted of the following:

| | June 30, 2017 | December 31, 2016 |
|--|------------------|----------------------|
| | (in thousands) | |
| Payroll, bonus and vacation expense | \$ 2,191 | \$ 1,496 |
| Non income taxes | 3,608 | 2,252 |
| Royalty expenses | 2,235 | 1,617 |
| Accrued interest | 605 | 601 |
| Health claims | 713 | 630 |
| Workers' compensation & pneumoconiosis | 2,450 | 2,450 |
| Accrued insured litigation claims | 26 | 277 |
| Preferred unit distribution | 2,473 | - |
| Other | 727 | 740 |
| Total | <u>\$ 15,028</u> | <u>\$ 10,063</u> |

The \$26,000 and \$277,000 accrued for insured litigation claims as of June 30, 2017 and December 31, 2016, respectively, consists of probable and estimable litigation claims that are the primary obligation of the Partnership. The amount accrued for litigation claims is also due from the Partnership's insurance providers and is included in Accounts receivable, net of allowance for doubtful accounts on the Partnership's unaudited condensed consolidated statements of financial position. The Partnership presents this amount on a gross asset and liability basis, as a right of setoff does not exist per the accounting guidance in ASC Topic 210, *Balance Sheet*. This presentation has no impact on the Partnership's results of operations or cash flows.

8. DEBT

Debt as of June 30, 2017 and December 31, 2016 consisted of the following:

| | June 30, 2017 | December 31, 2016 |
|--|------------------|----------------------|
| | (in thousands) | |
| Senior secured credit facility with PNC Bank, N.A. | \$ 12,290 | \$ 10,040 |
| Other notes payable | - | - |
| Total | <u>12,290</u> | <u>10,040</u> |
| Less current portion | <u>(12,290)</u> | <u>(10,040)</u> |
| Long-term debt | <u>\$ -</u> | <u>\$ -</u> |

Senior Secured Credit Facility with PNC Bank, N.A.— On July 29, 2011, the Partnership executed the amended and restated credit agreement (as amended, the "Amended and Restated Credit Agreement"). The maximum availability under the amended and restated credit facility was \$300.0 million, with a one-time option to increase the availability by an amount not to exceed \$50.0 million. Of the \$300.0 million, \$75.0 million was available for letters of credit. In April 2015, the amended and restated credit agreement was amended and the borrowing commitment under the facility was reduced to \$100.0 million and the amount available for letters of credit was reduced to \$50.0 million. As described below, in March 2016 and May 2016, the borrowing commitment under the facility was further reduced to \$80.0 million and \$75.0 million, respectively, and the amount available for letters of credit was reduced to \$30.0 million. In addition, as described below, the borrowing commitment under the facility was further reduced by amendments in July 2016 and December 2016 to \$46.3 million as of June 30, 2017. The amount available for letters of credit was unchanged from these amendments.

On March 17, 2016, the Partnership entered into a fourth amendment (the "Fourth Amendment") of the amended and restated credit agreement. The Fourth Amendment amended the definition of change of control in the amended and restated credit agreement to permit Royal to purchase the membership interests of the General Partner. The Fourth Amendment also eliminated the option to borrow funds utilizing the LIBOR rate plus an applicable margin and establishes the borrowing rate for all borrowings under the facility to be based upon the current PRIME rate plus an applicable margin of 3.50%.

On May 13, 2016, the Partnership entered into a fifth amendment of the amended and restated credit agreement, which extended the term to July 31, 2017.

In July 2016, the Partnership entered into a sixth amendment (the “Sixth Amendment”) of its amended and restated senior secured credit agreement that permitted the sale of Elk Horn that was discussed earlier. The Sixth Amendment further reduced the maximum commitment amount allowed under the credit facility by \$375,000 each quarterly period beginning September 30, 2016 through June 30, 2017 for the additional \$1.5 million that was to be received from the Elk Horn sale.

In December 2016, the Partnership entered into a seventh amendment of its amended and restated credit agreement (the “Seventh Amendment”). The Seventh Amendment allows for the Series A preferred units as outlined in the Amended and Restated Partnership Agreement. The Seventh Amendment immediately reduces the revolving credit commitments by \$11.0 million and provides for additional revolving credit commitment reductions of \$2.0 million each on June 30, 2017 and September 30, 2017. The Seventh Amendment further reduces the revolving credit commitments over time on a dollar-for-dollar basis for the net cash proceeds received from any asset sales after the Seventh Amendment date once the aggregate net cash proceeds received exceeds \$2.0 million. The Seventh Amendment alters the maximum leverage ratio to 4.0 to 1.0 effective December 31, 2016 through May 31, 2017 and 3.5 to 1.0 from June 30, 2017 through December 31, 2017. The maximum leverage ratio shall be reduced by 0.50 to 1.0 for every \$10.0 million of net cash proceeds, in the aggregate, received after the Seventh Amendment date from (i) the issuance of any equity by the Partnership and/or (ii) the disposition of any assets in excess of \$2.0 million in the aggregate, provided, however, that in no event will the maximum leverage ratio be reduced below 3.0 to 1.0.

The Seventh Amendment alters the minimum consolidated EBITDA figure, as calculated on a rolling twelve months basis, to \$12.5 million from December 31, 2016 through May 31, 2017 and \$15.0 million from June 30, 2017 through December 31, 2017. The Seventh Amendment alters the maximum capital expenditures allowed, as calculated on a rolling twelve months basis, to \$20.0 million through the expiration of the credit facility. A condition precedent to the effectiveness of the Seventh Amendment is the receipt of the \$13.0 million of cash proceeds received by the Partnership from the issuance of the Series A preferred units pursuant to the Preferred Unit Agreement, which was used to repay outstanding borrowings under the revolving credit facility. Per the Seventh Amendment, the receipt of \$13.0 million cash proceeds fulfills the required Royal equity contribution, which was a requirement of prior amendments to the credit agreement.

On March 23, 2017, the Partnership entered into an eighth amendment (the “Eighth Amendment”) of its amended and restated credit agreement that allows the annual auditor’s report for the years ended December 31, 2016 and 2015 to contain a qualification with respect to the short-term classification of the Partnership’s credit facility balance without creating a default under the credit agreement. As of June 30, 2017 and December 31, 2016, the Partnership was in compliance with respect to all covenants contained in its credit agreement.

On June 9, 2017, the Partnership entered into a ninth amendment (the “Ninth Amendment”) of its amended and restated credit agreement that permitted outstanding letters of credit to be replaced with different counterparties without affecting the revolving credit commitments under the credit agreement. The Ninth Amendment also permits certain lease and sale leaseback transactions under the credit agreement that do not affect the revolving credit commitments under the credit agreement for asset dispositions and also do not factor in the calculation of the maximum capital expenditures allowed under the credit agreement.

At June 30, 2017, the Operating Company had borrowed \$12.3 million at a variable interest rate of PRIME plus 3.50% (7.75% at June 30, 2017). In addition, the Operating Company had outstanding letters of credit of \$26.1 million at a fixed interest rate of 5.00% at June 30, 2017. Based upon a maximum borrowing capacity of 3.50 times a trailing twelve-month EBITDA calculation (as defined in the credit agreement), the Operating Company had not used \$7.9 million of the borrowing availability at June 30, 2017.

9. ASSET RETIREMENT OBLIGATIONS

The changes in asset retirement obligations for the six months ended June 30, 2017 and the year ended December 31, 2016 are as follows:

| | Six months ended June 30, 2017 | | Year ended December 31, 2016 | |
|--|-----------------------------------|--------|---------------------------------|---------|
| | (in thousands) | | | |
| Balance at beginning of period (including current portion) | \$ | 23,278 | \$ | 23,077 |
| Accretion expense | | 948 | | 1,486 |
| Adjustments to the liability from annual recosting and other | | - | | (1,085) |
| Liabilities settled | | (34) | | (200) |
| Balance at end of period | | 24,192 | | 23,278 |
| Less current portion of asset retirement obligation | | (917) | | (917) |
| Long-term portion of asset retirement obligation | \$ | 23,275 | \$ | 22,361 |

10. EMPLOYEE BENEFITS

In conjunction with the acquisition of the coal operations of American Electric Power on April 16, 2004, the Operating Company acquired a postretirement benefit plan that provided healthcare to eligible employees at its Hopedale operations. The Partnership has no other postretirement plans.

On December 10, 2015, the Partnership notified the employees at its Hopedale operations that healthcare benefits from the postretirement benefit plan would cease on January 31, 2016. The negative plan amendment that arose on December 10, 2015 resulted in an approximate \$6.5 million prior service cost benefit. The Partnership amortized the prior service cost benefit over the remaining term of the benefits provided through January 31, 2016. For the six months ended June 30, 2016, the Partnership recognized a benefit of approximately \$3.9 million from the plan amendment in the Cost of operations line of the unaudited condensed consolidated statements of operations and comprehensive income.

401(k) Plans—The Operating Company and certain subsidiaries sponsor defined contribution savings plans for all employees. Under one defined contribution savings plan, the Operating Company matches voluntary contributions of participants up to a maximum contribution based upon a percentage of a participant's salary with an additional matching contribution possible at the Operating Company's discretion. The expense under these plans for the three and six months ended June 30, 2017 and 2016 is included in Cost of operations and Selling, general and administrative expense in the Partnership's unaudited condensed consolidated statements of operations and comprehensive income and was as follows:

| | Three months ended June 30, | | Six months ended June 30, | | |
|---------------------|-----------------------------|------|---------------------------|------|-----|
| | 2017 | 2016 | 2017 | 2016 | |
| | (in thousands) | | | | |
| 401(k) plan expense | \$ | 350 | \$ | 720 | |
| | | \$ | 402 | \$ | 706 |

11. EQUITY-BASED COMPENSATION

In October 2010, the General Partner established the Rhino Long-Term Incentive Plan (the "Plan" or "LTIP"). The Plan is intended to promote the interests of the Partnership by providing to employees, consultants and directors of the General Partner, the Partnership or affiliates of either, incentive compensation awards to encourage superior performance. The LTIP provides for grants of restricted units, unit options, unit appreciation rights, phantom units, unit awards, and other unit-based awards.

As discussed in Note 1, on March 17, 2016, Royal completed the acquisition of all of the issued and outstanding membership interests of Rhino GP LLC as well as 945,525 issued and outstanding subordinated units from Wexford Capital. Royal obtained control of, and a majority limited partner interest, in the Partnership with the completion of this transaction, which constituted a change in control of the Partnership. The language in the Partnership's phantom unit and restricted unit grant agreements states that all outstanding, unvested units would become immediately vested upon a change in control. For the six months ended June 30, 2016, the Partnership recognized approximately \$10,000 of expense from the vesting of these units as a result of the change in control.

12. COMMITMENTS AND CONTINGENCIES

Coal Sales Contracts and Contingencies—As of June 30, 2017, the Partnership had commitments under sales contracts to deliver annually scheduled base quantities of coal as follows:

| Year | Tons (in thousands) | Number of customers |
|-----------|---------------------|---------------------|
| 2017Q3-Q4 | 1,884 | 15 |
| 2018 | 1,001 | 5 |
| 2019 | 300 | 1 |

Some of the contracts have sales price adjustment provisions, subject to certain limitations and adjustments, based on a variety of factors and indices.

Purchase Commitments—The Partnership has a commitment to purchase approximately 1.0 million gallons of diesel fuel at fixed prices from January 2017 through December 2017 for approximately \$2.0 million.

Purchased Coal Expenses—The Partnership incurs purchased coal expense from time to time related to coal purchase contracts. In addition, the Partnership incurs expense from time to time related to coal purchased on the over-the-counter market ("OTC"). The Partnership had no expense for purchase coal from coal purchase contracts or expense from OTC purchases for the three and six months ended June 30, 2017 and 2016.

Leases—The Partnership leases various mining, transportation and other equipment under operating leases. The Partnership also leases coal reserves under agreements that call for royalties to be paid as the coal is mined. Lease and royalty expense for the three and six months ended June 30, 2017 and 2016 are included in Cost of operations in the Partnership's unaudited condensed consolidated statements of operations and comprehensive income and was as follows:

| | Three months ended June 30, | | Six months ended June 30, | |
|-----------------|-----------------------------|----------|---------------------------|----------|
| | 2017 | 2016 | 2017 | 2016 |
| | (in thousands) | | | |
| Lease expense | \$ 978 | \$ 1,049 | \$ 2,491 | \$ 2,078 |
| Royalty expense | \$ 3,950 | \$ 2,606 | \$ 7,327 | \$ 4,948 |

Joint Ventures—The Partnership may contribute additional capital to the Timber Wolf joint venture that was formed in the first quarter of 2012. The Partnership did not make any capital contributions to the Timber Wolf joint venture during the six months ended June 30, 2017 and 2016.

Prior to the Partnership's contribution of Sturgeon to Mammoth, Inc. in June 2017, the Partnership may have contributed additional capital to the Sturgeon joint venture that was formed in the third quarter of 2014. The Partnership made an initial capital contribution of \$5.0 million during the third quarter ended September 30, 2014 based upon its proportionate ownership interest. The Partnership did not make any capital contributions to the Sturgeon joint venture during the six months ended June 30, 2017 or 2016. See Note 2 for discussion on the contribution of Sturgeon to Mammoth, Inc.

Series A preferred unit distributions- For the six months ended June 30, 2017, the Partnership accrued \$2.5 million for distributions due to preferred unit holders based on the Series A Preferred Unit Purchase Agreement discussed in Note 1. The accrued Series A preferred unit distribution is included on the Accrued expenses and other line of the Partnership’s unaudited condensed consolidated statements of financial position.

13. EARNINGS PER UNIT (“EPU”)

On April 18, 2016, the Partnership completed a 1-for-10 reverse split on its common units and subordinated units. The following tables present a reconciliation of the numerators and denominators of the basic and diluted EPU calculations for the periods ended June 30, 2017 and 2016, which include the retrospective application of the 1-for-10 reverse unit split:

Diluted EPU gives effect to all dilutive potential common units outstanding during the period using the treasury stock method. Diluted EPU excludes all dilutive potential units calculated under the treasury stock method if their effect is anti-dilutive. Since the Partnership incurred total net losses for the three and six months ended June 30, 2017 and 2016, all potential dilutive units were excluded from the diluted EPU calculation for these periods.

| Three months ended June 30, 2017 | General Partner | Common Unitholders | Subordinated Unitholders | Preferred Unitholders |
|---|--------------------------------------|-----------------------|-----------------------------|--------------------------|
| Numerator: | (in thousands, except per unit data) | | | |
| Interest in net (loss)/income: | | | | |
| Net (loss)/income from continuing operations | \$ (4) | \$ (970) | \$ (93) | \$ 1,357 |
| Net(loss)/income from discontinued operations | - | - | - | - |
| Total interest in net (loss)/income | \$ (4) | \$ (970) | \$ (93) | \$ 1,357 |
| Denominator: | | | | |
| Weighted average units used to compute basic EPU | n/a | 12,964 | 1,236 | 1,500 |
| Weighted average units used to compute diluted EPU | n/a | 12,964 | 1,236 | 1,500 |
| Net (loss)/income per limited partner unit, basic | | | | |
| Net (loss)/income per unit from continuing operations | n/a | \$ (0.08) | \$ (0.08) | \$ 0.90 |
| Net(loss/income) per unit from discontinued operations | n/a | - | - | - |
| Net (loss)/income per common unit, basic | n/a | \$ (0.08) | \$ (0.08) | \$ 0.90 |
| Net (loss)/income per limited partner unit, diluted | | | | |
| Net (loss)/income per unit from continuing operations | n/a | \$ (0.08) | \$ (0.08) | \$ 0.90 |
| Net (loss)/income per unit from discontinued operations | n/a | - | - | - |
| Net (loss)/income per common unit, diluted | n/a | \$ (0.08) | \$ (0.08) | \$ 0.90 |

| Six months ended June 30, 2017 | General Partner | Common Unitholders | Subordinated Unitholders | Preferred Unitholders |
|--|-----------------|--------------------|--------------------------|-----------------------|
| (in thousands, except per unit data) | | | | |
| Numerator: | | | | |
| Interest in net (loss)/income: | | | | |
| Net (loss)/income from continuing operations | \$ (17) | \$ (3,829) | \$ (366) | \$ 2,473 |
| Net (loss)/income from discontinued operations | - | - | - | - |
| Total interest in net (loss)/income | \$ (17) | \$ (3,829) | \$ (366) | \$ 2,473 |
| Denominator: | | | | |
| Weighted average units used to compute basic EPU | n/a | 12,920 | 1,236 | 1,500 |
| Weighted average units used to compute diluted EPU | n/a | 12,920 | 1,236 | 1,500 |
| Net (loss)/income per limited partner unit, basic | | | | |
| Net (loss)/income per unit from continuing operations | n/a | \$ (0.30) | \$ (0.30) | \$ 1.65 |
| Net (loss)/income per unit from discontinued operations | n/a | - | - | - |
| Net (loss)/income per common unit, basic | n/a | \$ (0.30) | \$ (0.30) | \$ 1.65 |
| Net (loss)/income per limited partner unit, diluted | | | | |
| Net (loss)/income per unit from continuing operations | n/a | \$ (0.30) | \$ (0.30) | \$ 1.65 |
| Net (loss)/income per unit from discontinued operations | n/a | - | - | - |
| Net (loss)/income per common unit, diluted | n/a | \$ (0.30) | \$ (0.30) | \$ 1.65 |

| Three months ended June 30, 2016 | General Partner | Common Unitholders | Subordinated Unitholders | Preferred Unitholders |
|---|-----------------|-----------------------|-----------------------------|--------------------------|
| (in thousands, except per unit data) | | | | |
| Numerator: | | | | |
| Interest in net (loss): | | | | |
| Net (loss) from continuing operations | \$ (24) | \$ (3,145) | \$ (499) | n/a |
| Net (loss) from discontinued operations | (784) | (101,413) | (16,088) | n/a |
| Total interest in net (loss) | \$ (808) | \$ (104,558) | \$ (16,587) | n/a |
| Denominator: | | | | |
| Weighted average units used to compute basic EPU | n/a | 7,788 | 1,236 | n/a |
| Weighted average units used to compute diluted EPU | n/a | 7,788 | 1,236 | n/a |
| Net (loss) per limited partner unit, basic | | | | |
| Net (loss) per unit from continuing operations | n/a | \$ (0.40) | \$ (0.40) | n/a |
| Net (loss) per unit from discontinued operations | n/a | (13.02) | (13.02) | n/a |
| Net (loss) per common unit, basic | n/a | \$ (13.42) | \$ (13.42) | n/a |
| Net (loss) per limited partner unit, diluted | | | | |
| Net (loss) per unit from continuing operations | n/a | \$ (0.40) | \$ (0.40) | n/a |
| Net (loss) per unit from discontinued operations | n/a | (13.02) | (13.02) | n/a |
| Net (loss) per common unit, diluted | n/a | \$ (13.42) | \$ (13.42) | n/a |

| Six months ended June 30, 2016 | General Partner | Common Unitholders | Subordinated Unitholders | Preferred Unitholders |
|---|-----------------|--------------------|--------------------------|-----------------------|
| (in thousands, except per unit data) | | | | |
| Numerator: | | | | |
| Interest in net (loss): | | | | |
| Net (loss) from continuing operations | \$ (67) | \$ (4,202) | \$ (1,541) | n/a |
| Net (loss) from discontinued operations | (765) | (85,309) | (31,292) | n/a |
| Total interest in net (loss) | \$ (832) | \$ (89,511) | \$ (32,833) | n/a |
| Denominator: | | | | |
| Weighted average units used to compute basic EPU | n/a | 3,368 | 1,236 | n/a |
| Weighted average units used to compute diluted EPU | n/a | 3,368 | 1,236 | n/a |
| Net (loss) per limited partner unit, basic | | | | |
| Net (loss) per unit from continuing operations | n/a | \$ (1.25) | \$ (1.25) | n/a |
| Net (loss) per unit from discontinued operations | n/a | (25.32) | (25.32) | n/a |
| Net (loss) per common unit, basic | n/a | \$ (26.57) | \$ (26.57) | n/a |
| Net (loss) per limited partner unit, diluted | | | | |
| Net (loss) per unit from continuing operations | n/a | \$ (1.25) | \$ (1.25) | n/a |
| Net (loss) per unit from discontinued operations | n/a | (25.32) | (25.32) | n/a |
| Net (loss) per common unit, diluted | n/a | \$ (26.57) | \$ (26.57) | n/a |

14. MAJOR CUSTOMERS

The Partnership had revenues or receivables from the following major customers that in each period equaled or exceeded 10% of revenues:

| | June 30 2017 Receivable Balance | December 31 2016 Receivable Balance | Six months ended June 30 2017 Sales | Six months ended June 30 2016 Sales |
|---------------------------------|--|--|--|--|
| (in thousands) | | | | |
| LG&E and KU | \$ 2,210 | \$ 1,496 | \$ 21,162 | \$ - |
| PacifiCorp Energy | 1,560 | 1,509 | 7,777 | 10,511 |
| Big Rivers Electric Corporation | 947 | - | 13,234 | 10,119 |
| PPL Corporation | - | - | - | 20,624 |

15. FAIR VALUE OF FINANCIAL INSTRUMENTS

The Partnership determines the fair value of assets and liabilities based on the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants. The fair values are based on assumptions that market participants would use when pricing an asset or liability, including assumptions about risk and the risks inherent in valuation techniques and the inputs to valuations. The fair value hierarchy is based on whether the inputs to valuation techniques are observable or unobservable. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect the Partnership's assumptions of what market participants would use.

The fair value hierarchy includes three levels of inputs that may be used to measure fair value as described below:

Level One - Quoted prices for identical instruments in active markets.

Level Two - The fair value of the assets and liabilities included in Level 2 are based on standard industry income approach models that use significant observable inputs.

Level Three - Unobservable inputs significant to the fair value measurement supported by little or no market activity.

In those cases when the inputs used to measure fair value meet the definition of more than one level of the fair value hierarchy, the lowest level input that is significant to the fair value measurement in its totality determines the applicable level in the fair value hierarchy.

The book values of cash and cash equivalents, accounts receivable and accounts payable are considered to be representative of their respective fair values because of the immediate short-term maturity of these financial instruments. The fair value of the Partnership's amended and restated senior secured credit facility was based upon a Level 2 measurement utilizing a market approach, which incorporated market-based interest rate information with credit risks similar to the Partnership. The fair value of the Partnership's amended and restated senior secured credit facility approximates the carrying value at June 30, 2017.

As of June 30, 2017 and December 31, 2016, the Partnership had a recurring fair value measurement relating to its investment in Mammoth, Inc. As discussed in Note 2, in October 2016, the Partnership contributed its limited partner interests in Mammoth to Mammoth, Inc. in exchange for 234,300 shares of common stock of Mammoth, Inc. The common stock of Mammoth, Inc. began trading on the NASDAQ Global Select Market in October 2016 under the ticker symbol TUSK and the Partnership sold 1,953 shares during the initial public offering of Mammoth, Inc. and received proceeds of approximately \$27,000. In June 2017, the Partnership contributed its limited partner interests in Sturgeon to Mammoth Inc. in exchange for 336,447 shares of common stock of Mammoth, Inc. As of June 30, 2017, the Partnership owned 568,794 shares of Mammoth, Inc. The Partnership's shares of Mammoth, Inc. are classified as an available-for-sale investment on the Partnership's unaudited condensed consolidated statements of financial position. Based on the availability of a quoted price, the recurring fair value measurement of the Mammoth, Inc. shares is a Level 1 measurement.

16. SUPPLEMENTAL DISCLOSURES OF CASH FLOW INFORMATION

The unaudited condensed consolidated statements of cash flows for the six months ended June 30, 2017 and 2016 excludes approximately \$1.1 million and \$1.2 million, respectively, of property additions, which are recorded in accounts payable.

17. SEGMENT INFORMATION

The Partnership produces and markets coal from surface and underground mines in Kentucky, West Virginia, Ohio and Utah. The Partnership sells primarily to electric utilities in the United States. For the three and six months ended June 30, 2017, the Partnership had four reportable segments: Central Appalachia (comprised of both surface and underground mines located in Eastern Kentucky and Southern West Virginia), Northern Appalachia (comprised of both surface and underground mines located in Ohio), Rhino Western (comprised of an underground mine in Utah) and Illinois Basin (comprised of an underground mine in western Kentucky).

The Partnership's Other category is comprised of the Partnership's ancillary businesses and its remaining oil and natural gas activities. The Partnership has not provided disclosure of total expenditures by segment for long-lived assets, as the Partnership does not maintain discrete financial information concerning segment expenditures for long lived-assets, and accordingly such information is not provided to the Partnership's chief operating decision maker. The information provided in the following tables represents the primary measures used to assess segment performance by the Partnership's chief operating decision maker.

Reportable segment results of operations for the three months ended June 30, 2017 are as follows (Note: "DD&A" refers to depreciation, depletion and amortization):

| | Central Appalachia | Northern Appalachia | Rhino Western | Illinois Basin | Other | Total Consolidated |
|--|-----------------------|------------------------|------------------|-------------------|------------|-----------------------|
| | (in thousands) | | | | | |
| Total revenues | \$ 25,675 | \$ 4,489 | \$ 8,763 | \$ 17,604 | \$ 4 | \$ 56,535 |
| DD&A | 1,949 | 418 | 1,200 | 1,949 | 93 | 5,609 |
| Interest expense | - | - | - | - | 965 | 965 |
| Net income (loss) from continuing operations | \$ 3,337 | \$ (1,576) | \$ 740 | \$ 975 | \$ (3,186) | \$ 290 |

Reportable segment results of operations for the three months ended June 30, 2016 are as follows:

| | Central Appalachia | Northern Appalachia | Rhino Western | Illinois Basin | Other | Total Consolidated |
|--|-----------------------|------------------------|------------------|-------------------|------------|-----------------------|
| | (in thousands) | | | | | |
| Total revenues | \$ 5,629 | \$ 11,581 | \$ 8,324 | \$ 16,000 | \$ 79 | \$ 41,613 |
| DD&A | 1,586 | 811 | 1,404 | 1,867 | 142 | 5,810 |
| Interest expense | 207 | 85 | 40 | 82 | 1,306 | 1,720 |
| Net income (loss) from continuing operations | \$ (2,280) | \$ 2,296 | \$ 499 | \$ 229 | \$ (4,412) | \$ (3,668) |

Reportable segment results of operations for the six months ended June 30, 2017 as are follows:

| | Central Appalachia | Northern Appalachia | Rhino Western | Illinois Basin | Other | Total Consolidated |
|--|-----------------------|------------------------|------------------|-------------------|------------|-----------------------|
| | (in thousands) | | | | | |
| Total revenues | \$ 48,988 | \$ 10,615 | \$ 16,061 | \$ 34,412 | \$ 9 | \$ 110,085 |
| DD&A | 3,922 | 916 | 2,316 | 3,954 | 199 | 11,307 |
| Interest expense | - | - | - | - | 2,120 | 2,120 |
| Net income (loss) from continuing operations | \$ 5,631 | \$ (2,356) | \$ 154 | \$ 1,628 | \$ (6,796) | \$ (1,739) |

Reportable segment results of operations for the six months ended June 30, 2016 as are follows:

| | Central Appalachia | Northern Appalachia | Rhino Western | Illinois Basin | Other | Total Consolidated |
|--|-----------------------|------------------------|------------------|-------------------|------------|-----------------------|
| | (in thousands) | | | | | |
| Total revenues | \$ 11,241 | \$ 20,733 | \$ 17,921 | \$ 30,880 | \$ 168 | \$ 80,943 |
| DD&A | 3,309 | 1,764 | 2,815 | 3,680 | 283 | 11,851 |
| Interest expense | 390 | 165 | 77 | 152 | 2,506 | 3,290 |
| Net income (loss) from continuing operations | \$ (5,280) | \$ 6,990 | \$ 460 | \$ 546 | \$ (8,526) | \$ (5,810) |

18. ACCUMULATED DISTRIBUTION ARREARAGES

Beginning with the quarter ended June 30, 2015 and continuing through the quarter ended June 30, 2017, we have suspended the cash distribution on our common units. For each of the quarters ended September 30, 2014, December 31, 2014 and March 31, 2015, we announced cash distributions per common unit at levels lower than the minimum quarterly distribution. We have not paid any distribution on our subordinated units for any quarter after the quarter ended March 31, 2012. The distribution suspension and prior reductions were the result of prolonged weakness in the coal markets, which has continued to adversely affect our cash flow. The current amount of accumulated arrearages as of June 30, 2017 related to the common unit distribution was approximately \$322.8 million.

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

Unless the context clearly indicates otherwise, references in this report to "we," "our," "us" or similar terms refer to Rhino Resource Partners LP and its subsidiaries. References to our "general partner" refer to Rhino GP LLC, the general partner of Rhino Resource Partners LP. The following discussion of the historical financial condition and results of operations should be read in conjunction with the historical audited consolidated financial statements and accompanying notes included in our Annual Report on Form 10-K for the year ended December 31, 2016 and the section "Management's Discussion and Analysis of Financial Condition and Results of Operations" included in such Annual Report on Form 10-K.

In addition, this discussion includes forward looking statements that are subject to risks and uncertainties that may result in actual results differing from statements we make. Please read the section "Cautionary Note Regarding Forward Looking Statements". In addition, factors that could cause actual results to differ include those risks and uncertainties discussed in Part I, Item 1A. "Risk Factors" also included in our Annual Report on Form 10-K for the year ended December 31, 2016.

In August 2016, we sold our Elk Horn coal leasing company ("Elk Horn") to a third party for total cash consideration of \$12.0 million. Our unaudited condensed consolidated statements of operations and comprehensive income have been retrospectively adjusted to reclassify our Elk Horn operations to discontinued operations for the three and six months ended June 30, 2016.

Overview

We are a diversified energy limited partnership formed in Delaware that is focused on coal and energy related assets and activities, including energy infrastructure investments. We produce, process and sell high quality coal of various steam and metallurgical grades. We market our steam coal primarily to electric utility companies as fuel for their steam powered generators. Customers for our metallurgical coal are primarily steel and coke producers who use our coal to produce coke, which is used as a raw material in the steel manufacturing process. In addition, we have expanded our business to include infrastructure support services, as well as other joint venture investments to provide for the transportation of hydrocarbons and drilling support services in the Utica Shale region. We have also invested in joint ventures that provide sand for fracking operations to drillers in the Utica Shale region and other oil and natural gas basins in the United States.

We have a geographically diverse asset base with coal reserves located in Central Appalachia, Northern Appalachia, the Illinois Basin and the Western Bituminous region. As of December 31, 2016, we controlled an estimated 256.9 million tons of proven and probable coal reserves, consisting of an estimated 203.5 million tons of steam coal and an estimated 53.4 million tons of metallurgical coal. In addition, as of December 31, 2016, we controlled an estimated 196.5 million tons of non-reserve coal deposits.

We operate underground and surface mines located in Kentucky, Ohio, West Virginia and Utah. The number of mines that we operate may vary from time to time depending on a number of factors, including the demand for and price of coal, depletion of economically recoverable reserves and availability of experienced labor.

Our principal business strategy is to safely, efficiently and profitably produce and sell both steam and metallurgical coal from our diverse asset base in order to resume, and, over time, increase our quarterly cash distributions. In addition, we intend to continue to expand and potentially diversify our operations through strategic acquisitions, including the acquisition of long-term, cash generating natural resource assets. We believe that such assets will allow us to grow our cash available for distribution and enhance stability of our cash flow.

For the three and six months ended June 30, 2017, we generated revenues of approximately \$56.5 million and \$110.1 million, respectively, and we generated net income of \$0.3 million for the three months ended June 30, 2017 and net loss of \$1.7 million for the six months ended June 30, 2017. For the three months ended June 30, 2017, we produced and sold approximately 1.0 million tons of coal, of which approximately 80% were sold pursuant to supply contracts. For the six months ended June 30, 2017, we produced and sold approximately 2.0 million tons of coal, of which approximately 81% were sold pursuant to supply contracts.

Current Liquidity and Outlook

As of June 30, 2017, our available liquidity was \$8.0 million, including cash on hand of \$0.1 million and \$7.9 million available under our amended and restated credit agreement. On May 13, 2016, we entered into a fifth amendment (the "Fifth Amendment") of our amended and restated agreement that initially extended the term of the senior secured credit facility to July 31, 2017. Per the Fifth Amendment, the term of the credit facility automatically extended to December 31, 2017 when the revolving credit commitments were reduced to \$55 million or less as of December 31, 2016. The Fifth Amendment also immediately reduced the revolving credit commitments under the credit facility to a maximum of \$75 million and maintains the amount available for letters of credit at \$30 million. As of December 31, 2016, we met the requirements to extend the maturity date of the credit facility to December 31, 2017. In December 2016, we entered into a seventh amendment (the "Seventh Amendment") of our amended and restated credit agreement. The Seventh Amendment immediately reduced the revolving credit commitments by \$11.0 million and provided for additional revolving credit commitment reductions of \$2.0 million each on June 30, 2017 and September 30, 2017. The Seventh Amendment further reduces the revolving credit commitments over time on a dollar-for-dollar basis for the net cash proceeds received from any asset sales after the Seventh Amendment date once the aggregate net cash proceeds received exceeds \$2.0 million. For more information about our amended and restated credit agreement, please read "—Recent Developments—Amended and Restated Credit Agreement Amendments" below.

Since the current maturity date of our credit facility is December 31, 2017, we are unable to demonstrate that we have sufficient liquidity to operate our business over the next twelve months and thus substantial doubt is raised about our ability to continue as a going concern. Accordingly, our independent registered public accounting firm has included an emphasis paragraph with respect to our ability to continue as a going concern in its report on our consolidated financial statements for the year ended December 31, 2016. The presence of the going concern emphasis paragraph in our auditors' report may have an adverse impact on our relationship with third parties with whom we do business, including our customers, vendors, lenders and employees, making it difficult to raise additional debt or equity financing to the extent needed and conduct normal operations. As a result, our business, results of operations, financial condition and prospects could be materially adversely affected.

Since our credit facility has an expiration date of December 2017, we determined that our credit facility debt liability at June 30, 2017 and December 31, 2016 of \$12.3 million and \$10.0 million, respectively, should be classified as a current liability on our unaudited condensed consolidated statements of financial position. The classification of our credit facility balance as a current liability raises substantial doubt of our ability to continue as a going concern for the next twelve months. We are considering alternative financing options that could result in a new long-term credit facility. However, we may be unable to complete such a transaction on terms acceptable to us or at all. If we are unable to extend the expiration date of our credit facility, we will have to secure alternative financing to replace our credit facility by the expiration date of December 2017 in order to continue our business operations. If we are unable to extend the expiration date of our credit facility or secure a replacement facility, we will lose a primary source of liquidity, and we may not be able to generate adequate cash flow from operations to fund our business, including amounts that may become due under our credit facility.

Furthermore, although met coal prices and demand have improved in recent months, if weak demand and low prices for steam coal persist and if met coal prices and demand weaken, we may not be able to continue to give the required representations or meet all of the covenants and restrictions included in our amended and restated credit agreement. If we violate any of the covenants or restrictions in our amended and restated credit agreement, including the maximum leverage ratio, some or all of our indebtedness may become immediately due and payable, and our lenders' commitment to make further loans to us may terminate. If we are unable to give a required representation or we violate a covenant or restriction, then we will need a waiver from our lenders in order to continue to borrow under our amended and restated credit agreement.

Although we believe our lenders loans are well secured under the terms of our amended and restated credit agreement, there is no assurance that the lenders would agree to any such waiver. Failure to obtain financing or to generate sufficient cash flow from operations could cause us to further curtail our operations and reduce our spending and to alter our business plan. We may also be required to consider other options, such as selling additional assets or merger opportunities, and depending on the urgency of our liquidity constraints, we may be required to pursue such an option at an inopportune time. If we are not able to fund our liquidity requirements for the next twelve months, we may not be able to continue as a going concern. For more information about our liquidity and our credit facility, please read “—Liquidity and Capital Resources.”

We continue to take measures, including the suspension of cash distributions on our common and subordinated units and cost and productivity improvements, to enhance and preserve our liquidity so that we can fund our ongoing operations and necessary capital expenditures and meet our financial commitments and debt service obligations.

Recent Developments

Option Agreement

On December 30, 2016, we entered into the Option Agreement with Royal Energy Resources, Inc. (“Royal”), Rhino Resources Partners Holdings, LLC (“Rhino Holdings”), and our general partner. Royal is a publicly traded company listed on the OTC market (OTCQB: ROYE) and is focused on the acquisition of coal, natural gas and renewable energy assets that are profitable at current distressed prices. Rhino Holdings is an entity wholly owned by certain investment partnerships managed by Yorktown Partners LLC (“Yorktown”), and our general partner. Upon execution of the Option Agreement, we received a Call Option from Rhino Holdings to acquire substantially all of the outstanding common stock of Armstrong Energy that is owned by investment partnerships managed by Yorktown, representing approximately 97% of the outstanding common stock of Armstrong Energy. Armstrong Energy is a coal producing company with approximately 567 million tons of proven and probable reserves and five mines located in the Illinois Basin in western Kentucky as of December 31, 2016. The Option Agreement stipulates that we can exercise the Call Option no earlier than January 1, 2018 and no later than December 31, 2019. In exchange for Rhino Holdings granting us the Call Option, we issued 5.0 million Call Option Premium Units to Rhino Holdings upon the execution of the Option Agreement. The Option Agreement stipulates we can exercise the Call Option and purchase the common stock of Armstrong Energy in exchange for a number of common units to be issued to Rhino Holdings, which when added with the Call Option Premium Units, will result in Rhino Holdings owning 51% of the fully diluted common units of us. The purchase of Armstrong Energy through the exercise of the Call Option would also require Royal to transfer a 51% ownership interest in our general partner to Rhino Holdings. Our ability to exercise the Call Option is conditioned upon (i) sixty (60) days having passed since the entry by Armstrong Energy into an agreement with its bondholders to restructure its bonds and (ii) the amendment of our revolving credit facility to permit the acquisition of Armstrong Energy.

The Option Agreement also contains a Put Option granted by us to Rhino Holdings whereby Rhino Holdings has the right, but not the obligation, to cause us to purchase substantially all of the outstanding common stock of Armstrong Energy from Rhino Holdings under the same terms and conditions discussed above for the Call Option. The exercise of the Put Option is dependent upon (i) the entry by Armstrong Energy into an agreement with its bondholders to restructure its bonds and (ii) the termination and repayment of any outstanding balance under our revolving credit facility.

The Option Agreement contains customary covenants, representations and warranties and indemnification obligations for losses arising from the inaccuracy of representations or warranties or breaches of covenants contained in the Option Agreement, the Seventh Amendment and the GP Amendment (defined below). Upon the request by Rhino Holdings, we will also enter into a registration rights agreement that provides Rhino Holdings with the right to demand two shelf registration statements and registration statements on Form S-1, as well as piggyback registration rights for as long as Rhino Holdings owns at least 10% of the outstanding common units.

Pursuant to the Option Agreement, the Second Amended and Restated Limited Liability Company Agreement of our general partner was amended (“GP Amendment”). Pursuant to the GP Amendment, Mr. Bryan H. Lawrence was appointed to the board of directors of our general partner as a designee of Rhino Holdings and Rhino Holdings has the right to appoint an additional independent director. Rhino Holdings has the right to appoint two members to the board of directors of our general partner for as long as it continues to own 20% of the common units on an undiluted basis. The GP Amendment also provided Rhino Holdings with the authority to consent to any delegation of authority to any committee of the board of our general partner. Upon the exercise of the Call Option or the Put Option, the Second Amended and Restated Limited Liability Company Agreement of our general partner, as amended, will be further amended to provide that Royal and Rhino Holdings will each have the ability to appoint three directors and that the remaining director will be the chief executive officer of our general partner unless agreed otherwise.

The Option Agreement superseded and terminated the equity exchange agreement entered into on September 30, 2016 by and among Royal, Rhino Holdings and our general partner.

Series A Preferred Unit Purchase Agreement

On December 30, 2016, we entered into a Series A Preferred Unit Purchase Agreement (“Preferred Unit Agreement”) with Weston Energy LLC (“Weston”), an entity wholly owned by certain investment partnerships managed by Yorktown, and Royal. Under the Preferred Unit Agreement, Weston and Royal agreed to purchase 1,300,000 and 200,000, respectively, of Series A preferred units representing limited partner interests in us at a price of \$10.00 per Series A preferred unit. The Series A preferred units have the preferences, rights and obligations set forth in our Fourth Amended and Restated Agreement of Limited Partnership, which is described below. In exchange for the Series A preferred units, Weston and Royal paid cash of \$11.0 million and \$2.0 million, respectively, to us and Weston assigned to us a \$2.0 million note receivable from Royal originally dated September 30, 2016. Please read “—Letter Agreement Regarding Rhino Promissory Note and Weston Promissory Note.”

The Preferred Unit Agreement contains customary representations, warrants and covenants, which include among other things, that, for as long as the Series A preferred units are outstanding, we will cause CAM Mining, one of our subsidiaries, to conduct its business in the ordinary course consistent with past practice and use reasonable best efforts to maintain and preserve intact its current organization, business and franchise and to preserve the rights, franchises, goodwill and relationships of its employees, customers, lenders, suppliers, regulators and others having business relationships with CAM Mining.

The Preferred Unit Agreement stipulates that upon the request of the holder of the majority of our common units following their conversion from Series A preferred units, as outlined in our partnership agreement, we will enter into a registration rights agreement with such holder. Such majority holder has the right to demand two shelf registration statements and registration statements on Form S-1, as well as piggyback registration rights.

On January 27, 2017, Royal sold 100,000 of its Series A preferred units to Weston and its other 100,000 Series A preferred units to another third party.

Letter Agreement Regarding Rhino Promissory Note and Weston Promissory Note

On December 30, 2016, we entered into a letter agreement with Royal whereby the maturity dates of the Weston Promissory Note and the final installment payment of the Rhino Promissory Note were extended to December 31, 2018. The letter agreement further provides that the aggregate \$4.0 million balance of the Weston Promissory Note and Rhino Promissory Note may be converted at Royal’s option into a number of shares of Royal’s common stock equal to the outstanding balance multiplied by seventy-five percent (75%) of the volume-weighted average closing price of Royal’s common stock for the 90 days preceding the date of conversion (“Royal VWAP”), subject to a minimum Royal VWAP of \$3.50 and a maximum Royal VWAP of \$7.50.

Fourth Amended and Restated Partnership Agreement of Limited Partnership

On December 30, 2016, our General Partner entered into the Fourth Amended and Restated Agreement of Limited Partnership of the Partnership (“Amended and Restated Partnership Agreement”) to create, authorize and issue the Series A preferred units.

The Series A preferred units are a new class of equity security that rank senior to all classes or series of our equity securities with respect to distribution rights and rights upon liquidation. The holders of the Series A preferred units shall be entitled to receive annual distributions equal to the greater of (i) 50% of the CAM Mining free cash flow (as defined below) and (ii) an amount equal to the number of outstanding Series A preferred units multiplied by \$0.80. “CAM Mining free cash flow” is defined in our partnership agreement as (i) the total revenue of our Central Appalachia business segment, minus (ii) the cost of operations (exclusive of depreciation, depletion and amortization) for our Central Appalachia business segment, minus (iii) an amount equal to \$6.50, multiplied by the aggregate number of met coal and steam coal tons sold by us from our Central Appalachia business segment. If we fail to pay any or all of the distributions in respect of the Series A preferred units, such deficiency will accrue until paid in full and we will not be permitted to pay any distributions on our partnership interests that rank junior to the Series A preferred units, including our common units. The Series A preferred units will be liquidated in accordance with their capital accounts and upon liquidation will be entitled to distributions of property and cash in accordance with the balances of their capital accounts prior to such distributions to equity securities that rank junior to the Series A preferred units.

The Series A preferred units vote on an as-converted basis with the common units, and we will be restricted from taking certain actions without the consent of the holders of a majority of the Series A preferred units, including: (i) the issuance of additional Series A preferred units, or securities that rank senior or equal to the Series A preferred units; (ii) the sale or transfer of CAM Mining or a material portion of its assets; (iii) the repurchase of common units, or the issuance of rights or warrants to holders of common units entitling them to purchase common units at less than fair market value; (iv) consummation of a spin off; (v) the incurrence, assumption or guaranty of indebtedness for borrowed money in excess of \$50.0 million except indebtedness relating to entities or assets that are acquired by us or our affiliates that is in existence at the time of such acquisition or (vi) the modification of CAM Mining’s accounting principles or the financial or operational reporting principles of our Central Appalachia business segment, subject to certain exceptions.

We will have the option to convert the outstanding Series A preferred units at any time on or after the time at which the amount of aggregate distributions paid in respect of each Series A preferred unit exceeds \$10.00 per unit. Each Series A preferred unit will convert into a number of common units equal to the quotient (the “Series A Conversion Ratio”) of (i) the sum of \$10.00 and any unpaid distributions in respect of such Series A Preferred Unit divided by (ii) 75% of the volume-weighted average closing price of the common units for the preceding 90 trading days (the “VWAP”); provided however, that the VWAP will be capped at a minimum of \$2.00 and a maximum of \$10.00. On December 31, 2021, all outstanding Series A preferred units will convert into common units at the then applicable Series A Conversion Ratio.

Amended and Restated Credit Agreement Amendments

In December 2016, we entered into a Seventh Amendment, which allows for the Series A preferred units as outlined in the Fourth Amended and Restated Agreement of Limited Partnership, which is further discussed in “—Fourth Amended and Restated Partnership Agreement”. The Seventh Amendment immediately reduced the revolving credit commitments by \$11.0 million and provides for additional revolving credit commitment reductions of \$2.0 million each on June 30, 2017 and September 30, 2017. The Seventh Amendment further reduces the revolving credit commitments over time on a dollar-for-dollar basis for the net cash proceeds received from any asset sales after the Seventh Amendment date once the aggregate net cash proceeds received exceeds \$2.0 million. The Seventh Amendment alters the maximum leverage ratio to 4.0 to 1.0 effective December 31, 2016 through May 31, 2017 and 3.5 to 1.0 from June 30, 2017 through December 31, 2017. The maximum leverage ratio shall be reduced by 0.50 to 1.0 for every \$10.0 million of net cash proceeds, in the aggregate, received after the Seventh Amendment date from (i) the issuance of any equity by us and/or (ii) the disposition of any assets in excess of \$2.0 million in the aggregate, provided, however, that in no event will the maximum leverage ratio be reduced below 3.0 to 1.0.

The Seventh Amendment alters the minimum consolidated EBITDA figure, as calculated on a rolling twelve months basis, to \$12.5 million from December 31, 2016 through May 31, 2017 and \$15.0 million from June 30, 2017 through December 31, 2017. The Seventh Amendment alters the maximum capital expenditures allowed, as calculated on a rolling twelve months basis, to \$20.0 million through the expiration of the credit facility. A condition precedent to the effectiveness of the Seventh Amendment was the receipt of the \$13.0 million of cash proceeds received by us from the issuance of the Series A preferred units pursuant to the Preferred Unit Agreement, which we used to repay outstanding borrowings under the revolving credit facility. Per the Seventh Amendment, the receipt of \$13.0 million cash proceeds fulfills the required Royal equity contributions as outlined in the previous amendments to our credit agreement.

On March 23, 2017, we entered into an eighth amendment (the "Eighth Amendment") of our amended and restated credit agreement that allows the annual auditor's report for the years ending December 31, 2016 and 2015 to contain a qualification with respect to the short-term classification of our credit facility balance without creating a default under our credit agreement.

On June 9, 2017, we entered into a ninth amendment (the "Ninth Amendment") of our amended and restated credit agreement that permitted outstanding letters of credit to be replaced with different counterparties without affecting the revolving credit commitments under the credit agreement. The Ninth Amendment also permits certain lease and sale leaseback transactions under the credit agreement that do not affect the revolving credit commitments under the credit agreement for asset dispositions and also do not factor in the calculation of the maximum capital expenditures allowed under the credit agreement.

As of June 30, 2017 and December 31, 2016, we were in compliance with respect to all covenants contained in our credit agreement.

Reverse Unit Split

On April 18, 2016, we completed a 1-for-10 reverse split on our common units and subordinated units. Pursuant to the reverse split, common unitholders received one common unit for every 10 common units owned on April 18, 2016 and subordinated unitholders received one subordinated unit for every 10 subordinated units owned on April 18, 2016. All common and subordinated unit, net income (loss) per unit and distribution per unit references included herein have been adjusted as if the change took place before the date of the earliest transaction reported. Any fractional units resulting from the reverse unit split were rounded to the nearest whole unit.

Distribution Suspension

Beginning with the quarter ended June 30, 2015 and continuing through the quarter ended June 30, 2017, we have suspended the cash distribution on our common units. For each of the quarters ended September 30, 2014, December 31, 2014 and March 31, 2015, we announced cash distributions per common unit at levels lower than the minimum quarterly distribution. We have not paid any distribution on our subordinated units for any quarter after the quarter ended March 31, 2012. The distribution suspension and prior reductions were the result of prolonged weakness in the coal markets, which has continued to adversely affect our cash flow.

Pursuant to our partnership agreement, our common units accrue arrearages every quarter when the distribution level is below the minimum level of \$4.45 per unit. Since our distributions for the quarters ended September 30, 2014, December 31, 2014 and March 31, 2015 were below the minimum level and we altogether suspended the distribution beginning with the quarter ended June 30, 2015, we have accumulated arrearages at June 30, 2017 related to the common unit distribution of approximately \$322.8 million.

Factors That Impact Our Business

Our results of operations in the near term could be impacted by a number of factors, including (1) our ability to fund our ongoing operations and necessary capital expenditures, (2) the availability of transportation for coal shipments, (3) poor mining conditions resulting from geological conditions or the effects of prior mining, (4) equipment problems at mining locations, (5) adverse weather conditions and natural disasters or (6) the availability and costs of key supplies and commodities such as steel, diesel fuel and explosives.

On a long-term basis, our results of operations could be impacted by, among other factors, (1) our ability to fund our ongoing operations and necessary capital expenditures, (2) changes in governmental regulation, (3) the availability and prices of competing electricity-generation fuels, (4) the world-wide demand for steel, which utilizes metallurgical coal and can affect the demand and prices of metallurgical coal that we produce, (5) our ability to secure or acquire high-quality coal reserves and (6) our ability to find buyers for coal under favorable supply contracts.

We have historically sold a majority of our coal through supply contracts and anticipate that we will continue to do so. As of June 30, 2017, we had commitments under supply contracts to deliver annually scheduled base quantities of coal as follows:

| Year | Tons (in thousands) | Number of customers |
|-----------|---------------------|---------------------|
| 2017Q3-Q4 | 1,884 | 15 |
| 2018 | 1,001 | 5 |
| 2019 | 300 | 1 |

Some of the contracts have sales price adjustment provisions, subject to certain limitations and adjustments, based on a variety of factors and indices.

Results of Operations

Segment Information

As of June 30, 2017, we have four reportable business segments: Central Appalachia, Northern Appalachia, Rhino Western and Illinois Basin. Additionally, we have an Other category that includes our ancillary businesses and our remaining oil and natural gas activities. Our Central Appalachia segment consists of two mining complexes: Tug River and Rob Fork, which, as of June 30, 2017, together included one underground mine, three surface mines and three preparation plants and loadout facilities in eastern Kentucky and southern West Virginia. Our Northern Appalachia segment consists of the Hopedale mining complex, the Sands Hill mining complex, and the Leesville field. The Hopedale mining complex, located in northern Ohio, included one underground mine and one preparation plant and loadout facility as of June 30, 2017. Our Sands Hill mining complex, located in southern Ohio, included one surface mine, a preparation plant and a river terminal as of June 30, 2017. Our Rhino Western segment includes one underground mine in the Western Bituminous region at our Castle Valley mining complex in Utah. Our Illinois Basin segment includes one underground mine, preparation plant and river loadout facility at our Pennyrile mining complex located in western Kentucky, as well as our Taylorville field reserves located in central Illinois. Our Other category is comprised of our ancillary businesses and our remaining oil and natural gas activities.

Evaluating Our Results of Operations

Our management uses a variety of financial measurements to analyze our performance, including (1) Adjusted EBITDA, (2) coal revenues per ton and (3) cost of operations per ton.

Adjusted EBITDA. The discussion of our results of operations below includes references to, and analysis of, our segments' Adjusted EBITDA results. Adjusted EBITDA, a Non-GAAP financial measure, represents net income before deducting interest expense, income taxes and depreciation, depletion and amortization, while also excluding certain non-cash and/or non-recurring items. Adjusted EBITDA is used by management primarily as a measure of our segments' operating performance. Adjusted EBITDA should not be considered an alternative to net income, income from operations, cash flows from operating activities or any other measure of financial performance or liquidity presented in accordance with GAAP. Because not all companies calculate Adjusted EBITDA identically, our calculation may not be comparable to similarly titled measures of other companies. Please read "—Reconciliations of Adjusted EBITDA" for reconciliations of Adjusted EBITDA to net income by segment for each of the periods indicated.

Coal Revenues Per Ton. Coal revenues per ton represents coal revenues divided by tons of coal sold. Coal revenues per ton is a key indicator of our effectiveness in obtaining favorable prices for our product.

Cost of Operations Per Ton. Cost of operations per ton sold represents the cost of operations (exclusive of depreciation, depletion and amortization) divided by tons of coal sold. Management uses this measurement as a key indicator of the efficiency of operations.

Summary

The following table sets forth certain information regarding our revenues, operating expenses, other income and expenses, and operational data for the three and six months ended June 30, 2017 and 2016:

| | Three months ended | | Six months ended | |
|--|--------------------|------------|------------------|------------|
| | June 30, | | June 30, | |
| | 2017 | 2016 | 2017 | 2016 |
| | (in millions) | | | |
| Statement of Operations Data: | | | | |
| Total revenues | \$ 56.5 | \$ 41.6 | \$ 110.1 | \$ 80.9 |
| Costs and expenses: | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | 46.7 | 33.4 | 91.6 | 62.9 |
| Freight and handling costs | 0.2 | 0.5 | 0.9 | 1.0 |
| Depreciation, depletion and amortization | 5.6 | 5.8 | 11.3 | 11.9 |
| Selling, general and administrative (exclusive of depreciation, depletion and amortization shown separately above) | 2.7 | 3.9 | 5.8 | 7.9 |
| Loss/(gain) on sale/disposal of assets-net | 0.1 | - | 0.1 | (0.3) |
| Income/(loss) from operations | 1.2 | (2.0) | 0.4 | (2.5) |
| Interest and other (expense)/income: | | | | |
| Interest expense | (0.9) | (1.7) | (2.1) | (3.3) |
| Interest income | - | 0.1 | - | 0.1 |
| Equity in net (loss)/income of unconsolidated affiliates | - | (0.1) | - | (0.1) |
| Total interest and other (expense) | (0.9) | (1.7) | (2.1) | (3.3) |
| Net income/(loss) from continuing operations | 0.3 | (3.7) | (1.7) | (5.8) |
| Net (loss) from discontinued operations | - | (118.3) | - | (117.4) |
| Net income/(loss)* | \$ 0.3 | \$ (121.9) | \$ (1.7) | \$ (123.2) |
| Other Financial Data | | | | |
| Adjusted EBITDA from continuing operations | \$ 6.9 | \$ 3.9 | \$ 11.7 | \$ 9.3 |
| Adjusted EBITDA from discontinued operations | - | 0.6 | - | 1.8 |
| Total Adjusted EBITDA | \$ 6.9 | \$ 4.5 | \$ 11.7 | \$ 11.1 |

* Totals may not foot due to rounding

Three Months Ended June 30, 2017 Compared to Three Months Ended June 30, 2016

Summary. For the three months ended June 30, 2017, our total revenues increased to \$56.5 million from \$41.6 million for the three months ended June 30, 2016, which is a 35.9% increase. We sold approximately 1.0 million tons of coal for the three months ended June 30, 2017, which is a 31.2% increase compared to the tons of coal sold for the three months ended June 30, 2016. The increase in revenue and tons sold was primarily the result of increased production in Central Appalachia due to recent increases in coal prices and demand for met and steam coal produced in this region. We anticipate the recent increase in price and demand will continue to benefit our financial results in 2017.

Net income from continuing operations was \$0.3 million for the three months ended June 30, 2017 compared to net loss of \$3.7 million for the three months ended June 30, 2016. Our net income from continuing operations improved during the three months ended June 30, 2017 compared to 2016 primarily due to increased coal revenues from improved demand for met and steam coal in our Central Appalachia segment discussed earlier.

Adjusted EBITDA from continuing operations increased to \$6.9 million for the three months ended June 30, 2017 from \$4.5 million for the three months ended June 30, 2016. Adjusted EBITDA from continuing operations increased period to period due to an increase in net income during the three months ended June 30, 2017 compared to a net loss generated for the three months ended June 30, 2016.

Including the net loss from discontinued operations of \$118.3 million, our total net loss and Adjusted EBITDA for the three months ended June 30, 2016 were \$121.9 million and \$4.5 million, respectively. We did not incur a gain or loss from discontinued operations for the three months ended June 30, 2017.

Tons Sold. The following table presents tons of coal sold by reportable segment for the three months ended June 30, 2017 and 2016:

| Segment | Three months ended June 30, 2017 | Three months ended June 30, 2016 | Increase/ (Decrease) Tons | % * |
|---------------------|--|--|---------------------------------|--------------|
| | (in thousands, except %) | | | |
| Central Appalachia | 385.6 | 88.2 | 297.4 | 337.2% |
| Northern Appalachia | 75.8 | 161.2 | (85.4) | (53.0%) |
| Rhino Western | 228.7 | 215.1 | 13.6 | 6.3% |
| Illinois Basin | 357.0 | 333.5 | 23.5 | 7.1% |
| Total * | 1,047.1 | 798.0 | 249.1 | 31.2% |

* Calculated percentages and the rounded totals presented are based upon on actual whole ton amounts and not the rounded amounts presented in this table.

We sold approximately 1.0 million tons of coal for the three months ended June 30, 2017, which was a 31.2% increase compared to the three months ended June 30, 2016. The increase in tons sold period over period was primarily due to higher sales from our Central Appalachia segment due to the increased demand for met and steam coal from this region. Tons of coal sold in our Central Appalachia segment increased by approximately 337.2% to approximately 0.4 million tons for the three months ended June 30, 2017 compared to the three months ended June 30, 2016, primarily due to an increase in demand for met and steam coal tons from this region. For our Northern Appalachia segment, tons of coal sold decreased by approximately 53.0% for the three months ended June 30, 2017 compared to the three months ended June 30, 2016, as we experienced a decrease in tons sold from our Sands Hill and Hopedale operations due to weak demand for coal from this region. Coal sales from our Rhino Western segment increased by approximately 6.3% for the three months ended June 30, 2017 compared to the same period in 2016 due to increased customer demand. For our Illinois Basin segment, tons of coal sold increased by approximately 7.1% for the three months ended June 30, 2017 compared to the three months ended June 30, 2016 as we increased production and sales period over period from our Pennyrite mine in western Kentucky to meet our contracted sales commitments.

Revenues. The following table presents revenues and coal revenues per ton by reportable segment for the three months ended June 30, 2017 and 2016:

| Segment | Three months ended June 30, 2017 | Three months ended June 30, 2016 | Increase/(Decrease) | |
|--|--|--|---------------------|----------------|
| | | | \$ | %* |
| (in millions, except per ton data and %) | | | | |
| Central Appalachia | | | | |
| Coal revenues | \$ 25.6 | \$ 5.6 | \$ 20.0 | 360.7% |
| Freight and handling revenues | - | - | - | n/a |
| Other revenues | - | - | - | n/a |
| Total revenues | <u>\$ 25.6</u> | <u>\$ 5.6</u> | <u>\$ 20.0</u> | <u>356.1%</u> |
| Coal revenues per ton* | <u>\$ 66.42</u> | <u>\$ 63.03</u> | <u>\$ 3.39</u> | <u>5.4%</u> |
| Northern Appalachia | | | | |
| Coal revenues | \$ 2.7 | \$ 9.2 | \$ (6.5) | (70.3%) |
| Freight and handling revenues | 0.2 | 0.6 | (0.4) | (67.8%) |
| Other revenues | 1.6 | 1.8 | (0.2) | (11.9%) |
| Total revenues | <u>\$ 4.5</u> | <u>\$ 11.6</u> | <u>\$ (7.1)</u> | <u>(61.2%)</u> |
| Coal revenues per ton* | <u>\$ 36.10</u> | <u>\$ 57.21</u> | <u>\$ (21.11)</u> | <u>(36.9%)</u> |
| Rhino Western | | | | |
| Coal revenues | \$ 8.8 | \$ 8.3 | \$ 0.5 | 5.3% |
| Freight and handling revenues | - | - | - | n/a |
| Other revenues | - | - | - | n/a |
| Total revenues | <u>\$ 8.8</u> | <u>\$ 8.3</u> | <u>\$ 0.5</u> | <u>5.3%</u> |
| Coal revenues per ton* | <u>\$ 38.31</u> | <u>\$ 38.70</u> | <u>\$ (0.39)</u> | <u>(1.0%)</u> |
| Illinois Basin | | | | |
| Coal revenues | \$ 17.6 | \$ 16.0 | \$ 1.6 | 10.0% |
| Freight and handling revenues | - | - | - | n/a |
| Other revenues | - | - | - | n/a |
| Total revenues | <u>\$ 17.6</u> | <u>\$ 16.0</u> | <u>\$ 1.6</u> | <u>10.0%</u> |
| Coal revenues per ton* | <u>\$ 49.30</u> | <u>\$ 47.98</u> | <u>\$ 1.32</u> | <u>2.8%</u> |
| Other** | | | | |
| Coal revenues | n/a | n/a | n/a | n/a |
| Freight and handling revenues | n/a | n/a | n/a | n/a |
| Other revenues | - | 0.1 | (0.1) | (94.8%) |
| Total revenues | <u>\$ -</u> | <u>\$ 0.1</u> | <u>\$ (0.1)</u> | <u>(94.8%)</u> |
| Coal revenues per ton* | <u>n/a</u> | <u>n/a</u> | <u>n/a</u> | <u>n/a</u> |
| Total | | | | |
| Coal revenues | \$ 54.7 | \$ 39.1 | \$ 15.6 | 39.9% |
| Freight and handling revenues | 0.2 | 0.6 | (0.4) | (67.8%) |
| Other revenues | 1.6 | 1.9 | (0.3) | (14.9%) |
| Total revenues | <u>\$ 56.5</u> | <u>\$ 41.6</u> | <u>\$ 14.9</u> | <u>35.9%</u> |
| Coal revenues per ton* | <u>\$ 52.25</u> | <u>\$ 49.01</u> | <u>\$ 3.24</u> | <u>6.6%</u> |

Our coal revenues for the three months ended June 30, 2017 increased by approximately \$15.6 million, or 39.9%, to approximately \$54.7 million from approximately \$39.1 million for the three months ended June 30, 2016. The increase in coal revenues was primarily due to an increase in met and steam coal tons sold in Central Appalachia as we saw increased demand for met and steam coal from this region during the current period. Coal revenues per ton was \$52.25 for the three months ended June 30, 2017, an increase of \$3.24, or 6.6%, from \$49.01 per ton for the three months ended June 30, 2016. This increase in coal revenues per ton was primarily the result of a higher mix of higher priced met coal tons sold in Central Appalachia compared to the prior period.

For our Central Appalachia segment, coal revenues increased by approximately \$20.0 million, or 360.7%, to approximately \$25.6 million for the three months ended June 30, 2017 from approximately \$5.6 million for the three months ended June 30, 2016. This increase was primarily due to the increase in coal prices and demand for met and steam coal tons sold from this region. Coal revenues per ton for our Central Appalachia segment increased by \$3.39, or 5.4%, to \$66.42 per ton for the three months ended June 30, 2017 as compared to \$63.03 for the three months ended June 30, 2016, which was primarily due to a higher mix of higher priced met coal tons sold in Central Appalachia compared to the prior period.

For our Northern Appalachia segment, coal revenues were approximately \$2.7 million for the three months ended June 30, 2017, a decrease of approximately \$6.5 million, or 70.3%, from approximately \$9.2 million for the three months ended June 30, 2016. This decrease was primarily due to a decrease in tons sold from our Sands Hill and Hopedale operations in Northern Appalachia due to weak demand for coal from the Northern Appalachia region during the three months ended June 30, 2017. Coal revenues per ton decreased by \$21.11 or 36.9% per ton for the three months ended June 30, 2017 as compared to \$57.21 for the three months ended June 30, 2016, which was primarily due to the larger mix of lower priced tons being sold from our Sands Hill complex compared to higher priced tons sold from our Hopedale complex.

For our Rhino Western segment, coal revenues increased by approximately \$0.5 million, or 5.3%, to approximately \$8.8 million for the three months ended June 30, 2017 from approximately \$8.3 million for the three months ended June 30, 2016 primarily due to an increase in tons sold from the Castle Valley mine. Coal revenues per ton for our Rhino Western segment decreased by \$0.39 or 1.0% per ton for the three months ended June 30, 2017 as compared to \$38.70 per ton for the three months ended June 30, 2016.

For our Illinois Basin segment, coal revenues of approximately \$17.6 million for the three months ended June 30, 2017 increased by approximately \$1.6 million, or 10.3%, compared to \$16.0 million for the three months ended June 30, 2016. The increase was due to increased sales from our Pennyrite mine in western Kentucky to fulfill our customer contracts. Coal revenues per ton for our Illinois Basin segment were \$49.30 for the three months ended June 30, 2017, an increase of \$1.32, or 2.8%, from \$47.98 for the three months ended June 30, 2016. The increase in coal revenues per ton was due to higher contracted prices for tons sold.

Other revenues for our Other category was relatively flat at approximately \$0.1 million for the three months ended June 30, 2017 as compared to the three months ended June 30, 2016.

Central Appalachia Overview of Results by Product. Additional information for the Central Appalachia segment detailing the types of coal produced and sold, premium high-vol met coal and steam coal, is presented below. Note that our Northern Appalachia, Rhino Western and Illinois Basin segments currently produce and sell only steam coal.

| (In thousands, except per ton data and %) | Three months ended June 30, 2017 | Three months ended June 30, 2016 | Increase (Decrease) %* |
|---|--|--|---------------------------|
| Met coal tons sold | 182.5 | 30.7 | 494.6% |
| Steam coal tons sold | 203.1 | 57.5 | 253.2% |
| Total tons sold | <u>385.6</u> | <u>88.2</u> | 337.2% |
| Met coal revenue | \$ 15,229 | \$ 2,569 | 492.7% |
| Steam coal revenue | \$ 10,380 | \$ 2,990 | 247.2% |
| Total coal revenue | <u>\$ 25,609</u> | <u>\$ 5,559</u> | 360.7% |
| Met coal revenues per ton | \$ 83.45 | \$ 83.72 | (0.3%) |
| Steam coal revenues per ton | \$ 51.11 | \$ 51.99 | (1.7%) |
| Total coal revenues per ton | <u>\$ 66.42</u> | <u>\$ 63.03</u> | 5.4% |
| Met coal tons produced | 171.7 | 41.8 | 311.1% |
| Steam coal tons produced | 227.6 | 70.2 | 224.2% |
| Total tons produced | <u>399.3</u> | <u>112.0</u> | 256.6% |

* Percentage amounts are calculated based on actual amounts and not the rounded amounts presented in this table.

Costs and Expenses. The following table presents costs and expenses (including the cost of purchased coal) and cost of operations per ton by reportable segment for the three months ended June 30, 2017 and 2016:

| Segment | Three months ended June 30, 2017 | Three months ended June 30, 2016 | Increase/(Decrease) | |
|---|--|--|---------------------|---------|
| | | | \$ | %* |
| (in millions, except per ton data and %) | | | | |
| Central Appalachia | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | \$ 20.5 | \$ 6.1 | \$ 14.4 | 235.6% |
| Freight and handling costs | - | - | - | n/a |
| Depreciation, depletion and amortization | 2.0 | 1.6 | 0.4 | 22.9% |
| Selling, general and administrative | - | - | - | n/a |
| Cost of operations per ton* | \$ 53.05 | \$ 69.12 | \$ (16.07) | (23.2%) |
| Northern Appalachia | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | \$ 5.4 | \$ 7.8 | \$ (2.4) | (31.4%) |
| Freight and handling costs | 0.2 | 0.5 | (0.3) | (55.8%) |
| Depreciation, depletion and amortization | 0.4 | 0.8 | (0.4) | (48.5%) |
| Selling, general and administrative | - | - | - | n/a |
| Cost of operations per ton* | \$ 71.04 | \$ 48.66 | \$ 22.38 | 46.0% |
| Rhino Western | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | \$ 6.7 | \$ 6.4 | \$ 0.3 | 4.9% |
| Freight and handling costs | - | - | - | n/a |
| Depreciation, depletion and amortization | 1.2 | 1.4 | (0.2) | (14.5%) |
| Selling, general and administrative | - | - | - | n/a |
| Cost of operations per ton* | \$ 29.13 | \$ 29.54 | \$ (0.41) | (1.4%) |
| Illinois Basin | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | \$ 14.6 | \$ 13.8 | \$ 0.8 | 5.7% |
| Freight and handling costs | - | - | - | n/a |
| Depreciation, depletion and amortization | 1.9 | 1.9 | - | 4.4% |
| Selling, general and administrative | 0.1 | 0.1 | - | n/a |
| Cost of operations per ton* | \$ 40.85 | \$ 41.38 | \$ (0.53) | (1.3%) |
| Other | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | \$ (0.5) | \$ (0.7) | \$ 0.2 | (43.4%) |
| Freight and handling costs | - | - | - | n/a |
| Depreciation, depletion and amortization | 0.1 | 0.1 | - | (34.6%) |
| Selling, general and administrative | 2.6 | 3.8 | (1.2) | (31.4%) |
| Cost of operations per ton** | n/a | n/a | n/a | n/a |
| Total | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | \$ 46.7 | \$ 33.4 | \$ 13.3 | 39.9% |
| Freight and handling costs | 0.2 | 0.5 | (0.3) | (55.8%) |
| Depreciation, depletion and amortization | 5.6 | 5.8 | (0.2) | (3.5%) |
| Selling, general and administrative | 2.7 | 3.9 | (1.2) | (30.0%) |
| Cost of operations per ton* | \$ 44.57 | \$ 41.81 | \$ 2.76 | 6.6% |

* Percentages and per ton amounts are calculated based on actual amounts and not the rounded amounts presented in this table.

** Cost of operations presented for our Other category includes costs incurred by our ancillary businesses and our oil and natural gas investments. The activities performed by these ancillary businesses do not directly relate to coal production. As a result, per ton measurements are not presented for this category.

Cost of Operations. Total cost of operations was \$46.7 million for the three months ended June 30, 2017 as compared to \$33.4 million for the three months ended June 30, 2016. Our cost of operations per ton was \$44.57 for the three months ended June 30, 2017, an increase of \$2.76, or 6.6%, from the three months ended June 30, 2016. Total cost of operations in Central Appalachia increased by \$14.4 million, primarily due to an increase in production in Central Appalachia during the three months ended June 30, 2017 due to increased demand for met and steam coal from this region. The increase in the cost of operations on a per ton basis was primarily due to fixed operating costs being allocated to fewer tons of coal sold in Northern Appalachia for the three months ended June 30, 2017 compared to the prior period.

Our cost of operations for the Central Appalachia segment increased by \$14.4 million, or 235.6%, to \$20.5 million for the three months ended June 30, 2017 from \$6.1 million for the three months ended June 30, 2016. Total cost of operations increased period over period as we increased production in this region during the three months ended June 30, 2017 due to increased demand for met and steam coal from this region. Our cost of operations per ton of \$53.05 for the three months ended June 30, 2017 was a reduction of 23.2% compared to \$69.12 per ton for the three months ended June 30, 2016. We increased production and sales during the current period due to increased met and steam coal demand that resulted in lower cost of operations per ton compared to the prior period as fixed costs were allocated to more tons of coal sold.

In our Northern Appalachia segment, our cost of operations decreased by \$2.4 million, or 31.4%, to \$5.4 million for the three months ended June 30, 2017 from \$7.8 million for the three months ended June 30, 2016. Our cost of operations per ton was \$71.04 for the three months ended June 30, 2017, an increase of \$22.38, or 46.0%, compared to \$48.66 for the three months ended June 30, 2016. The decrease in total cost of operations in Northern Appalachia was due to a decrease in production in this region in response to weak market demand. The increase in the cost of operations on a per ton basis was primarily due to fixed operating costs being allocated to fewer tons of coal sold during the current period.

Our cost of operations for the Rhino Western segment increased by \$0.3 million, or 4.9%, to \$6.7 million for the three months ended June 30, 2017 from \$6.4 million for the three months ended June 30, 2016. Total cost of operations increased for the three months ended June 30, 2017 compared to the same period in 2016 due to increased tons produced and sold from our Castle Valley operation. Our cost of operations per ton was \$29.13 for the three months ended June 30, 2017, a decrease of \$0.41, or 1.4%, compared to \$29.54 for the three months ended June 30, 2016. Cost of operations per ton decreased for the three months ended June 30, 2017 compared to the same period in 2016 due to an increase in production from our Castle Valley mine in the current period.

Cost of operations in our Illinois Basin segment was \$14.6 million while cost of operations per ton was \$40.85 for the three months ended June 30, 2017, both of which related to our Pennyrite mining complex in western Kentucky. For the three months ended June 30, 2016, cost of operations in our Illinois Basin segment was \$13.8 million and cost of operations per ton was \$41.38. The increase in cost of operations was primarily the result of an increase in production. The decrease in the cost of operations per ton was primarily the result of fixed operating costs being allocated to more tons of coal sold during the current period.

Freight and Handling. Total freight and handling cost decreased to \$0.2 million for the three months ended June 30, 2017 as compared to \$0.5 million for the three months ended June 30, 2016. The decrease in freight and handling costs were primarily the result of decreased production and sales at our Northern Appalachia operations due to weak market demand in the region.

Depreciation, Depletion and Amortization. Total depreciation, depletion and amortization (“DD&A”) expense for the three months ended June 30, 2017 was \$5.6 million as compared to \$5.8 million for the three months ended June 30, 2016.

For the three months ended June 30, 2017, our depreciation cost decreased to \$4.4 million compared to \$5.0 million for the three months ended June 30, 2016. This decrease primarily resulted from lower depreciation costs in our Northern Appalachia segment in the current quarter compared to the prior year as we have fully depreciated assets in this region.

For the three months ended June 30, 2017 and 2016 our depletion cost remained flat at \$0.4 million.

For the three months ended June 30, 2017, our amortization cost was \$0.8 million compared to \$0.4 million for the three months ended June 30, 2016. The increase period over period was due to an increase in amortization of mine development cost, which was the result of increased mining operations in Central Appalachia compared to the prior period.

Selling, General and Administrative. Selling, general and administrative (“SG&A”) expense for the three months ended June 30, 2017 decreased to \$2.7 million as compared to \$3.9 million for the three months ended June 30, 2016. This decrease was primarily attributable to lower corporate overhead.

Interest Expense. Interest expense for the three months ended June 30, 2017 decreased to \$1.0 million as compared to \$1.7 million for the three months ended June 30, 2016. This decrease was primarily due to lower outstanding balances on our senior secured credit facility and reduced debt issuance costs during the three months ended June 30, 2017.

Net Income (Loss) from Continuing Operations. The following table presents net income (loss) from continuing operations by reportable segment for the three months ended June 30, 2017 and 2016:

| Segment | Three months ended June 30, 2017 | Three months ended June 30, 2016 | Increase (Decrease) |
|---------------------|-------------------------------------|-------------------------------------|------------------------|
| | (in millions) | | |
| Central Appalachia | \$ 3.3 | \$ (2.3) | \$ 5.6 |
| Northern Appalachia | (1.6) | 2.3 | (3.9) |
| Rhino Western | 0.7 | 0.5 | 0.2 |
| Illinois Basin | 1.0 | 0.2 | 0.8 |
| Other | (3.1) | (4.4) | 1.3 |
| Total | \$ 0.3 | \$ (3.7) | \$ 4.0 |

For the three months ended June 30, 2017, total net income from continuing operations was approximately \$0.3 million compared to net loss from continuing operations of approximately \$3.7 million for the three months ended June 30, 2016. For the three months ended June 30, 2017, our net income from continuing operations was positively impacted by increased production and sales from our Central Appalachia operations compared to the prior period.

For our Central Appalachia segment, net income from continuing operations was approximately \$3.3 million for the three months ended June 30, 2017, an increase of \$5.6 million in net income from continuing operations as compared to the three months ended June 30, 2016. The increase in net income from continuing operations was primarily due to increased production and sales from the Central Appalachia mining operations in the second quarter of 2017 due to increased demand for met and steam coal from this region. Net loss from continuing operations in our Northern Appalachia segment was \$1.6 million for the three months ended June 30, 2017 compared to net income from continuing operations of \$2.3 million for the three months ended June 30, 2016. The decrease in net income from continuing operations was primarily the result of lower sales from the Northern Appalachia region due to weak market demand.

Net income from continuing operations in our Rhino Western segment was \$0.7 million for the three months ended June 30, 2017, compared to \$0.5 million for the three months ended June 30, 2016. This increase in net income from continuing operations was primarily the result of more tons sold at our Castle Valley operation. For our Illinois Basin segment, we generated net income from continuing operations of \$1.0 million for the three months ended June 30, 2017, which was an improvement of \$0.8 million compared to the three months ended June 30, 2016. This increase in net income was primarily the result of increased coal sales at our Pennyrile mining complex as we fulfilled our customer contracts. For the Other category, we had a net loss from continuing operations of \$3.1 million for the three months ended June 30, 2017 as compared to net loss from continuing operations of \$4.4 million for the three months ended June 30, 2016. This decrease in net loss period over period was primarily attributable to lower corporate overhead charges.

Adjusted EBITDA from Continuing Operations. The following table presents Adjusted EBITDA from continuing operations by reportable segment for the three months ended June 30, 2017 and 2016:

| Segment | Three months ended June 30, 2017 | Three months ended June 30, 2016 | Increase (Decrease) |
|---------------------|-------------------------------------|-------------------------------------|------------------------|
| | (in millions) | | |
| Central Appalachia | \$ 5.3 | \$ (0.5) | \$ 5.8 |
| Northern Appalachia | (1.2) | 3.2 | (4.4) |
| Rhino Western | 1.9 | 1.9 | - |
| Illinois Basin | 2.9 | 2.2 | 0.7 |
| Other | (2.0) | (2.9) | 0.9 |
| Total | \$ 6.9 | \$ 3.9 | \$ 3.0 |

Adjusted EBITDA from continuing operations for the three months ended June 30, 2017, was \$6.9 million, an increase of \$3.0 million from the three months ended June 30, 2016. Adjusted EBITDA from continuing operations increased period over period primarily due to the increase in net income at our Central Appalachia segment resulting from an increase in met and steam coal tons sold due to increased demand for met and steam coal from this region during the current period. Adjusted EBITDA for the three months ended June 30, 2016 was \$4.5 million once the results from discontinued operations were included. We did not incur a gain or loss from discontinued operations for the three months ended June 30, 2017. Please read “—Reconciliations of Adjusted EBITDA” for reconciliations of Adjusted EBITDA from continuing operations to net income on a segment basis.

Six Months Ended June 30, 2017 Compared to Six Months Ended June 30, 2016

Summary. For the six months ended June 30, 2017, our total revenues increased to \$110.1 million from \$80.9 million for the six months ended June 30, 2016, which is a 36.0% increase. We sold approximately 2.0 million tons of coal for the six months ended June 30, 2017, which is a 27.2% increase compared to the tons of coal sold for the six months ended June 30, 2016. The increase in revenue and tons sold was primarily the result of increased production and sales in Central Appalachia due to recent increases in coal prices and demand for met and steam coal produced in this region.

We generated net loss from continuing operations of approximately \$1.7 million for the six months ended June 30, 2017 compared to a net loss from continuing operations of approximately \$5.8 million for the six months ended June 30, 2016. Our net loss from continuing operations improved during the six months ended June 30, 2017 compared to 2016 due to higher coal revenues from the increased demand for met and steam coal in our Central Appalachia segment.

Adjusted EBITDA from continuing operations increased to \$11.7 million for the six months ended June 30, 2017 from \$9.3 million for the six months ended June 30, 2016. Adjusted EBITDA from continuing operations increased primarily due to the decrease in net loss during the six months ended June 30, 2017 compared to the six months ended June 30, 2016 resulting from the increase in production and sales at our Central Appalachia operation. Adjusted EBITDA for the six months ended June 30, 2016 was positively impacted by the \$3.9 million prior service cost benefit resulting from the cancellation of the postretirement benefit plan at our Hopedale operation.

Including the net loss from discontinued operations of approximately \$117.4 million, our total net loss and Adjusted EBITDA for the six months ended June 30, 2016 were \$123.2 million and \$11.1 million, respectively. We did not incur a gain or loss from discontinued operations for the six months ended June 30, 2017.

Tons Sold. The following table presents tons of coal sold by reportable segment for the six months ended June 30, 2017 and 2016:

| Segment | Six months ended June 30, 2017 | Six months ended June 30, 2016 | Increase/ (Decrease) Tons | % * |
|---------------------|--------------------------------------|--------------------------------------|---------------------------------|---------|
| | (in thousands, except %) | | | |
| Central Appalachia | 709.1 | 188.3 | 520.8 | 276.7% |
| Northern Appalachia | 194.0 | 283.7 | (89.7) | (31.6%) |
| Rhino Western | 419.7 | 467.0 | (47.3) | (10.1%) |
| Illinois Basin | 697.8 | 649.2 | 48.6 | 7.5% |
| Total * | 2,020.6 | 1,588.2 | 432.4 | 27.2% |

* Calculated percentages and the rounded totals presented are based upon on actual whole ton amounts and not the rounded amounts presented in this table.

We sold approximately 2.0 million tons of coal for the six months ended June 30, 2017, which was a 27.2% increase compared to the six months ended June 30, 2016. The increase in tons sold year-to-year was primarily due to higher sales from our Central Appalachia segment due to an increase in demand for met and steam coal from this region. Tons of coal sold in our Central Appalachia segment increased by approximately 276.7% to approximately 0.7 million tons for the six months ended June 30, 2017 compared to the six months ended June 30, 2016, primarily due to an increase in met and steam coal tons sold in the six months ended June 30, 2017 compared to 2016 due to increased market demand for met and steam coal from this region. For our Northern Appalachia segment, tons of coal sold decreased by approximately 31.6% for the six months ended June 30, 2017 compared to the six months ended June 30, 2016 as we experienced a decrease in tons sold from our Northern Appalachia segment due to weak demand for coal in this region. Coal sales from our Rhino Western segment decreased by approximately 10.1% for the six months ended June 30, 2017 compared to the same period in 2016 due to losing approximately two weeks of production during the first quarter of 2017 resulting from maintenance issues at our Castle Valley operation. The maintenance issues have been corrected, production has resumed to previous levels and we believe Castle Valley will ship additional tons in the remainder of 2017 to make up for the lower tons sold in the first three months of the year. For our Illinois Basin segment, tons of coal sold increased by approximately 7.5% for the six months ended June 30, 2017 compared to the six months ended June 30, 2016 as we increased production and sales year-to-year from our Pennyrite mine in western Kentucky to meet our contracted sales commitments.

Revenues. The following table presents revenues and coal revenues per ton by reportable segment for the six months ended June 30, 2017 and 2016:

| Segment | Six months ended | Six months ended | Increase/(Decrease) | |
|--|---------------------|---------------------|---------------------|----------------|
| | June 30, 2017 | June 30, 2016 | \$ | %* |
| (in millions, except per ton data and %) | | | | |
| Central Appalachia | | | | |
| Coal revenues | \$ 48.9 | \$ 11.2 | \$ 37.7 | 338.1% |
| Freight and handling revenues | - | - | - | n/a |
| Other revenues | 0.1 | - | 0.1 | 10.7% |
| Total revenues | \$ 49.0 | \$ 11.2 | \$ 37.8 | 335.8% |
| Coal revenues per ton* | \$ 68.96 | \$ 59.29 | \$ 9.67 | 16.3% |
| Northern Appalachia | | | | |
| Coal revenues | \$ 7.1 | \$ 15.9 | \$ (8.8) | (55.1%) |
| Freight and handling revenues | 0.3 | 1.2 | (0.9) | (73.8%) |
| Other revenues | 3.2 | 3.6 | (0.4) | (12.9%) |
| Total revenues | \$ 10.6 | \$ 20.7 | \$ (10.1) | (48.8%) |
| Coal revenues per ton* | \$ 36.71 | \$ 55.95 | \$ (19.24) | (34.4%) |
| Rhino Western | | | | |
| Coal revenues | \$ 16.1 | \$ 17.9 | \$ (1.8) | (10.4%) |
| Freight and handling revenues | - | - | - | n/a |
| Other revenues | - | - | - | n/a |
| Total revenues | \$ 16.1 | \$ 17.9 | \$ (1.8) | (10.4%) |
| Coal revenues per ton* | \$ 38.26 | \$ 38.37 | \$ (0.11) | (0.3%) |
| Illinois Basin | | | | |
| Coal revenues | \$ 34.4 | \$ 30.9 | \$ 3.5 | 11.6% |
| Freight and handling revenues | - | - | - | n/a |
| Other revenues | - | - | - | n/a |
| Total revenues | \$ 34.4 | \$ 30.9 | \$ 3.5 | 11.6% |
| Coal revenues per ton* | \$ 49.31 | \$ 47.49 | \$ 1.82 | 3.8% |
| Other** | | | | |
| Coal revenues | n/a | n/a | n/a | n/a |
| Freight and handling revenues | n/a | n/a | n/a | n/a |
| Other revenues | - | 0.2 | (0.2) | (94.5%) |
| Total revenues | \$ - | \$ 0.2 | \$ (0.2) | (94.5%) |
| Coal revenues per ton* | n/a | n/a | n/a | n/a |
| Total | | | | |
| Coal revenues | \$ 106.5 | \$ 75.9 | \$ 30.6 | 40.5% |
| Freight and handling revenues | 0.3 | 1.2 | (0.9) | (73.8%) |
| Other revenues | 3.3 | 3.8 | (0.5) | (17.0%) |
| Total revenues | \$ 110.1 | \$ 80.9 | \$ 29.2 | 36.0% |
| Coal revenues per ton* | \$ 52.70 | \$ 47.72 | \$ 4.98 | 10.4% |

* Percentages and per ton amounts are calculated based on actual amounts and not the rounded amounts presented in this table.

** The Other category includes results for our ancillary businesses. The activities performed by these ancillary businesses also do not directly relate to coal production. As a result, coal revenues and coal revenues per ton are not presented for the Other category.

Our coal revenues for the six months ended June 30, 2017 increased by approximately \$30.6 million, or 40.5%, to approximately \$106.5 million from approximately \$75.9 million for the six months ended June 30, 2016. The increase in coal revenues was primarily due to an increase in met and steam coal tons sold in Central Appalachia as we saw increased demand for met and steam coal from this region during the current period. Coal revenues per ton was \$52.70 for the six months ended June 30, 2017, an increase of \$4.98, or 10.4%, from \$47.72 per ton for the six months ended June 30, 2016. This increase in coal revenues per ton was primarily due to a higher mix of higher priced met coal tons sold in Central Appalachia compared to the prior period.

For our Central Appalachia segment, coal revenues increased by approximately \$37.7 million, or 338.1%, to approximately \$48.9 million for the six months ended June 30, 2017 from approximately \$11.2 million for the six months ended June 30, 2016. This increase was primarily due to the increase in coal prices and demand for met and steam coal tons sold from this region. Coal revenues per ton for our Central Appalachia segment increased by \$9.67, or 16.3%, to \$68.96 per ton for the six months ended June 30, 2017 as compared to \$59.29 for the six months ended June 30, 2016, which was primarily due to a higher mix of higher priced met coal tons sold in Central Appalachia compared to the prior period.

For our Northern Appalachia segment, coal revenues were approximately \$7.1 million for the six months ended June 30, 2017, a decrease of approximately \$8.8 million, or 55.1%, from approximately \$15.9 million for the six months ended June 30, 2016. This decrease was primarily due to a decrease in tons sold from our Northern Appalachia segment due to weak market demand in the region. Coal revenues per ton for our Northern Appalachia segment decreased by \$19.24, or 34.4%, to \$36.71 per ton for the six months ended June 30, 2017 as compared to \$55.95 per ton for the six months ended June 30, 2016. This decrease was primarily due to the larger mix of lower priced tons being sold from our Sands Hill complex compared to higher priced tons sold from our Hopedale complex.

For our Rhino Western segment, coal revenues decreased by approximately \$1.8 million, or 10.4%, to approximately \$16.1 million for the six months ended June 30, 2017 from approximately \$17.9 million for the six months ended June 30, 2016, primarily due to a decrease in tons sold resulting from the maintenance issues at our Castle Valley operation in the first quarter of 2017. Coal revenues per ton for our Rhino Western segment remained relatively flat at \$38.26 for the six months ended June 30, 2017, compared to \$38.37 for the six months ended June 30, 2016.

For our Illinois Basin segment, coal revenues of approximately \$34.4 million for the six months ended June 30, 2017 increased by approximately \$3.5 million, or 11.6%, compared to \$30.9 million for the six months ended June 30, 2016. The increase was due to increased sales from our Pennyrite mine in western Kentucky to fulfill our customer contracts. Coal revenues per ton for our Illinois Basin segment were \$49.31 for the six months ended June 30, 2017, an increase of \$1.82, or 3.8%, from \$47.49 for the six months ended June 30, 2016. The increase in coal revenues per ton was due to higher contracted prices for tons sold.

Other revenues for our Other category remained relatively flat for the six months ended June 30, 2017 as compared to the same period in 2016.

Central Appalachia Overview of Results by Product. Additional information for the Central Appalachia segment detailing the types of coal produced and sold, premium high-vol met coal and steam coal, is presented below. Note that our Northern Appalachia, Rhino Western and Illinois Basin segments currently produce and sell only steam coal.

| (In thousands, except per ton data and %) | Six months ended June 30, 2017 | Six months ended June 30, 2016 | Increase (Decrease) %* |
|---|--------------------------------------|--------------------------------------|------------------------|
| Met coal tons sold | 378.4 | 47.0 | 705.4% |
| Steam coal tons sold | 330.7 | 141.3 | 134.1% |
| Total tons sold | <u>709.1</u> | <u>188.3</u> | 276.7% |
| Met coal revenue | \$ 31,846 | \$ 3,899 | 716.8% |
| Steam coal revenue | \$ 17,055 | \$ 7,263 | 134.8% |
| Total coal revenue | <u>\$ 48,901</u> | <u>\$ 11,162</u> | 338.1% |
| Met coal revenues per ton | \$ 84.16 | \$ 82.99 | 1.4% |
| Steam coal revenues per ton | \$ 51.57 | \$ 51.41 | 0.3% |
| Total coal revenues per ton | <u>\$ 68.96</u> | <u>\$ 59.29</u> | 16.3% |
| Met coal tons produced | 352.7 | 57.7 | 511.5% |
| Steam coal tons produced | 378.0 | 138.7 | 172.6% |
| Total tons produced | <u>730.7</u> | <u>196.4</u> | 272.1% |

* Percentage amounts are calculated based on actual amounts and not the rounded amounts presented in this table.

Costs and Expenses. The following table presents costs and expenses (including the cost of purchased coal) and cost of operations per ton by reportable segment for the six months ended June 30, 2017 and 2016:

| Segment | Six months ended | | Six months ended | | Increase/(Decrease) | |
|---|------------------|---------------|------------------|---------------|---------------------|---------|
| | June 30, 2017 | June 30, 2016 | June 30, 2017 | June 30, 2016 | \$ | %* |
| (in millions, except per ton data and %) | | | | | | |
| Central Appalachia | | | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | \$ 38.8 | \$ 12.9 | \$ 25.9 | | | 200.2% |
| Freight and handling costs | 0.6 | - | 0.6 | | | n/a |
| Depreciation, depletion and amortization | 3.9 | 3.3 | 0.6 | | | 18.5% |
| Selling, general and administrative | 0.1 | - | 0.1 | | | 158.7% |
| Cost of operations per ton* | \$ 54.77 | \$ 68.72 | \$ (13.95) | | | (20.3%) |
| Northern Appalachia | | | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | \$ 11.6 | \$ 10.7 | \$ 0.9 | | | 8.4% |
| Freight and handling costs | 0.4 | 1.1 | (0.7) | | | (62.2%) |
| Depreciation, depletion and amortization | 0.9 | 1.8 | (0.9) | | | (48.1%) |
| Selling, general and administrative | 0.1 | 0.1 | - | | | (11.0%) |
| Cost of operations per ton* | \$ 59.76 | \$ 37.70 | \$ 22.06 | | | 58.5% |
| Rhino Western | | | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | \$ 13.4 | \$ 14.5 | \$ (1.1) | | | (7.8%) |
| Freight and handling costs | - | - | - | | | n/a |
| Depreciation, depletion and amortization | 2.3 | 2.8 | (0.5) | | | (17.7%) |
| Selling, general and administrative | - | - | - | | | n/a |
| Cost of operations per ton* | \$ 31.92 | \$ 31.13 | \$ 0.79 | | | 2.6% |
| Illinois Basin | | | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | \$ 28.7 | \$ 26.5 | \$ 2.2 | | | 8.6% |
| Freight and handling costs | - | - | - | | | n/a |
| Depreciation, depletion and amortization | 4.0 | 3.7 | 0.3 | | | 7.4% |
| Selling, general and administrative | 0.1 | 0.1 | - | | | (2.1%) |
| Cost of operations per ton* | \$ 41.19 | \$ 40.79 | \$ 0.40 | | | 1.0% |
| Other | | | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | \$ (0.9) | \$ (1.8) | \$ 0.9 | | | (46.1%) |
| Freight and handling costs | - | - | - | | | n/a |
| Depreciation, depletion and amortization | 0.2 | 0.3 | (0.1) | | | (29.5%) |
| Selling, general and administrative | 5.5 | 7.7 | (2.2) | | | (28.9%) |
| Cost of operations per ton** | n/a | n/a | n/a | | | n/a |
| Total | | | | | | |
| Cost of operations (exclusive of depreciation, depletion and amortization shown separately below) | \$ 91.6 | \$ 62.8 | \$ 28.8 | | | 45.7% |
| Freight and handling costs | 1.0 | 1.1 | (0.1) | | | (6.5%) |
| Depreciation, depletion and amortization | 11.3 | 11.9 | (0.6) | | | (4.6%) |
| Selling, general and administrative | 5.8 | 7.9 | (2.1) | | | (27.2%) |
| Cost of operations per ton* | \$ 45.34 | \$ 39.58 | \$ 5.76 | | | 14.6% |

* Percentages and per ton amounts are calculated based on actual amounts and not the rounded amounts presented in this table.

** Cost of operations presented for our Other category includes costs incurred by our ancillary businesses and our oil and natural gas investments. The activities performed by these ancillary businesses do not directly relate to coal production. As a result, per ton measurements are not presented for this category.

Cost of Operations. Total cost of operations was \$91.6 million for the six months ended June 30, 2017 as compared to \$62.8 million for the six months ended June 30, 2016. Our cost of operations per ton was \$45.34 for the six months ended June 30, 2017, an increase of \$5.76, or 14.6%, from the six months ended June 30, 2016. Total cost of operations increased primarily due to higher costs in Central Appalachia due to an increase in production in as we increased production in the region during the six months ended June 30, 2017.

Our cost of operations for the Central Appalachia segment increased by \$25.9 million, or 200.2%, to \$38.8 million for the six months ended June 30, 2017 from \$12.9 million for the six months ended June 30, 2016. Total cost of operations increased year-to-year as we increased production in our Central Appalachia segment in response to increased demand for met and steam coal from this region. Our cost of operations per ton of \$54.77 for the six months ended June 30, 2017 was a decrease of 20.3% compared to \$68.72 per ton for the six months ended June 30, 2016. We increased sales during the current period due to increased met and steam coal demand that resulted in lower cost of operations per ton compared to the prior period.

In our Northern Appalachia segment, our cost of operations increased by \$0.9 million, or 8.4%, to \$11.6 million for the six months ended June 30, 2017 from \$10.7 million for the six months ended June 30, 2016. Our cost of operations per ton was \$59.76 for the six months ended June 30, 2017, an increase of \$22.06, or 58.5%, compared to \$37.70 for the six months ended June 30, 2016. The cost of operations for the six months ended June 30, 2016 was decreased by a prior service cost benefit of \$3.9 million resulting from the cancellation of the postretirement benefit plan at our Hopedale operation during the 2016 period. The increase in the cost of operations per ton was primarily due to fixed operating costs being allocated to lower sales tons at our Northern Appalachia segment during the six months ended June 30, 2017.

Our cost of operations for the Rhino Western segment decreased by \$1.1 million, or 7.8%, to \$13.4 million for the six months ended June 30, 2017 from \$14.5 million for the six months ended June 30, 2016. Our cost of operations per ton was \$31.92 for the six months ended June 30, 2017, an increase of \$0.79, or 2.6%, compared to \$31.13 for the six months ended June 30, 2016. Total cost of operations per ton increased for the six months ended June 30, 2017 compared to the same period in 2016 due to fixed operating costs being allocated to lower sales tons at our Castle Valley operation resulting from the maintenance issues previously discussed.

Cost of operations in our Illinois Basin segment was \$28.7 million while cost of operations per ton was \$41.19 for the six months ended June 30, 2017, both of which related to our Pennyriple mining complex in western Kentucky. For the six months ended June 30, 2016, cost of operations in our Illinois Basin segment was \$26.5 million and cost of operations per ton was \$40.79. The increase in cost of operations was primarily the result of increased production year-to-year at the Pennyriple complex, while cost of operations per ton remained relatively flat.

Freight and Handling. Total freight and handling cost was relatively flat at \$1.0 million for the six months ended June 30, 2017 as compared to the six months ended June 30, 2016.

Depreciation, Depletion and Amortization. Total depreciation, depletion and amortization (“DD&A”) expense for the six months ended June 30, 2017 was \$11.3 million as compared to \$11.9 million for the six months ended June 30, 2016.

For the six months ended June 30, 2017, our depreciation cost decreased to \$8.8 million compared to \$10.3 million for the six months ended June 30, 2016. This decrease primarily resulted from lower depreciation costs in our Central Appalachia segment in the current period compared to the prior year as we disposed of excess equipment in this region.

For the six months ended June 30, 2017, our depletion cost was flat at \$0.8 million compared to the six months ended June 30, 2016.

For the six months ended June 30, 2017, our amortization cost increased to \$1.7 million compared to \$0.8 million for the six months ended June 30, 2016. The increase is a result of increased production in our Central Appalachia segment during the six months ended June 30, 2017 compared to the same period in 2016.

Selling, General and Administrative. Selling, general and administrative (“SG&A”) expense for the six months ended June 30, 2017 decreased to \$5.8 million as compared to \$7.9 million for the six months ended June 30, 2016. This decrease was primarily attributable to lower corporate overhead expenses for the six months ended June 30, 2017 compared to the prior period.

Interest Expense. Interest expense for the six months ended June 30, 2017 decreased to \$2.1 million as compared to \$3.3 million for the six months ended June 30, 2016. This decrease was primarily due to lower outstanding balances on our senior secured credit facility. See the discussion on our credit agreement in “Liquidity and Capital Resources - Amended and Restated Credit Agreement.”

Net Income (Loss) from Continuing Operations. The following table presents net income (loss) from continuing operations by reportable segment for the six months ended June 30, 2017 and 2016:

| Segment | Six months Ended June 30, 2017 | Six months Ended June 30, 2016 | Increase (Decrease) |
|---------------------|-----------------------------------|-----------------------------------|------------------------|
| | (in millions) | | |
| Central Appalachia | \$ 5.6 | \$ (5.3) | \$ 10.9 |
| Northern Appalachia | (2.4) | 7.0 | (9.4) |
| Rhino Western | 0.2 | 0.5 | (0.3) |
| Illinois Basin | 1.6 | 0.5 | 1.1 |
| Other | (6.7) | (8.5) | 1.8 |
| Total | <u>\$ (1.7)</u> | <u>\$ (5.8)</u> | <u>\$ 4.1</u> |

For the six months ended June 30, 2017, total net loss from continuing operations was approximately \$1.7 million compared to net loss from continuing operations of approximately \$5.8 million for the six months ended June 30, 2016. For the six months ended June 30, 2017, our net loss from continuing operations was positively impacted by increased production and sales from our Central Appalachia operations compared to the prior period. For the six months ended June 30, 2016, our total net loss from continuing operations was impacted by a prior service cost benefit of \$3.9 million resulting from the cancellation of the postretirement benefit plan at our Hopedale operation during the 2016 period.

For our Central Appalachia segment, net income from continuing operations was approximately \$5.6 million for the six months ended June 30, 2017, a \$10.9 million increase in net income from continuing operations as compared to the six months ended June 30, 2016, which was primarily related to the increase in sales at our Central Appalachia operation.

Net loss from continuing operations in our Northern Appalachia segment was \$2.4 million for the six months ended June 30, 2017 compared to net income of \$7.0 million for the same period in 2016. The decrease in net income from continuing operations for the six months ended June 30, 2017 was primarily due to decreased coal sales in our Northern Appalachia segment. The net income from continuing operations for the six months ended June 30, 2016 was positively impacted by the prior service cost benefit of approximately \$3.9 million resulting from the cancellation of the postretirement benefit plan at our Hopedale operation.

Net income from continuing operations in our Rhino Western segment was \$0.2 million for the six months ended June 30, 2017, compared to net income from continuing operations of \$0.5 million for the six months ended June 30, 2016. This decrease in net income from continuing operations was primarily the result of lower production and sales at our Castle Valley operation during the six months ended June 30, 2017 compared to 2016 due to the maintenance issues discussed earlier.

For our Illinois Basin segment, we generated net income from continuing operations of \$1.6 million for the six months ended June 30, 2017, which was an improvement of \$1.1 million compared to the six months ended June 30, 2016. This increase in net income from continuing operations was primarily the result of increased coal sales at our Pennyrile mining complex.

For the Other category, we had a net loss from continuing operations of \$6.7 million for the six months ended June 30, 2017 as compared to a net loss from continuing operations of \$8.5 million for the six months ended June 30, 2016. This decrease in results period over period was primarily attributable to lower corporate overhead charges.

Adjusted EBITDA from Continuing Operations. The following table presents Adjusted EBITDA from continuing operations by reportable segment for the six months ended June 30, 2017 and 2016:

| Segment | Six months Ended June 30, 2017 | Six months Ended June 30, 2016 | Increase (Decrease) |
|---------------------|-----------------------------------|-----------------------------------|------------------------|
| | (in millions) | | |
| Central Appalachia | \$ 9.6 | \$ (1.6) | \$ 11.2 |
| Northern Appalachia | (1.4) | 8.9 | (10.3) |
| Rhino Western | 2.5 | 3.4 | (0.9) |
| Illinois Basin | 5.6 | 4.4 | 1.2 |
| Other | (4.6) | (5.8) | 1.2 |
| Total | \$ 11.7 | \$ 9.3 | \$ 2.4 |

Adjusted EBITDA from continuing operations increased to \$11.7 million for the six months ended June 30, 2017 from \$9.3 million for the six months ended June 30, 2016. Adjusted EBITDA from continuing operations increased period over period primarily due to the decrease in net loss during the six months ended June 30, 2017 compared to the six months ended June 30, 2016. The decrease in net loss from continuing operations was primarily due to the increase in coal sales revenue at our Central Appalachia operation. Adjusted EBITDA for the six months ended June 30, 2016 was positively impacted by the \$3.9 million prior service cost benefit resulting from the cancellation of the postretirement benefit plan at our Hopedale operation. Adjusted EBITDA for the six months ended June 30, 2016 was \$11.1 million, respectively, once the results from discontinued operations were included. We did not incur a gain or loss from discontinued operations for the six months ended June 30, 2017. Please read “—Reconciliations of Adjusted EBITDA” for reconciliations of Adjusted EBITDA from continuing operations to net income on a segment basis.

Reconciliations of Adjusted EBITDA

The following tables present reconciliations of Adjusted EBITDA to the most directly comparable GAAP financial measures for each of the periods indicated:

| Three months ended June 30, 2017 | Central Appalachia | Northern Appalachia | Rhino Western | Illinois Basin | Other | Total |
|--|-----------------------|------------------------|------------------|-------------------|----------|--------|
| | (in millions) | | | | | |
| Net income/(loss) from continuing operations | \$ 3.3 | \$ (1.6) | \$ 0.7 | \$ 1.0 | \$ (3.1) | \$ 0.3 |
| Plus: | | | | | | |
| DD&A | 2.0 | 0.4 | 1.2 | 1.9 | 0.1 | 5.6 |
| Interest expense | - | - | - | - | 1.0 | 1.0 |
| EBITDA from continuing operations† | \$ 5.3 | \$ (1.2) | \$ 1.9 | \$ 2.9 | \$ (2.0) | \$ 6.9 |
| Adjusted EBITDA from continuing operations† | 5.3 | (1.2) | 1.9 | 2.9 | (2.0) | 6.9 |
| Adjusted EBITDA † | \$ 5.3 | \$ (1.2) | \$ 1.9 | \$ 2.9 | \$ (2.0) | \$ 6.9 |

| Three months ended June 30, 2016 | Central Appalachia | Northern Appalachia | Rhino Western | Illinois Basin | Other* | Total* |
|---|-------------------------|-------------------------|------------------|--------------------|----------|----------|
| | (in millions) | | | | | |
| Net income/(loss) from continuing operations | \$ (2.3) | \$ 2.3 | \$ 0.5 | \$ 0.2 | \$ (4.4) | \$ (3.7) |
| Plus: | | | | | | |
| DD&A | 1.6 | 0.8 | 1.4 | 1.9 | 0.1 | 5.8 |
| Interest expense | 0.2 | 0.1 | - | 0.1 | 1.3 | 1.7 |
| EBITDA from continuing operations† | \$ (0.5) | \$ 3.2 | \$ 1.9 | \$ 2.2 | \$ (2.9) | \$ 3.9 |
| Adjusted EBITDA from continuing operations† | (0.5) | 3.2 | 1.9 | 2.2 | (2.9) | 3.9 |
| EBITDA from discontinued operations | 0.6 | - | - | - | - | 0.6 |
| Adjusted EBITDA | \$ 0.1 | \$ 3.2 | \$ 1.9 | \$ 2.2 | \$ (2.9) | \$ 4.5 |
| | | | | | | |
| Six months ended June 30, 2017 | Central Appalachia * | Northern Appalachia | Rhino Western | Illinois Basin | Other* | Total* |
| | (in millions) | | | | | |
| Net income/(loss) from continuing operations* | \$ 5.6 | \$ (2.4) | \$ 0.2 | \$ 1.6 | \$ (6.8) | \$ (1.7) |
| Plus: | | | | | | |
| DD&A | 3.9 | 0.9 | 2.3 | 4.0 | 0.2 | 11.3 |
| Interest expense | - | - | - | - | 2.1 | 2.1 |
| EBITDA from continuing operations† | \$ 9.6 | \$ (1.4) | \$ 2.5 | \$ 5.6 | \$ (4.6) | \$ 11.7 |
| Adjusted EBITDA from continuing operations† | 9.6 | (1.4) | 2.5 | 5.6 | (4.6) | 11.7 |
| Adjusted EBITDA † | \$ 9.6 | \$ (1.4) | \$ 2.5 | \$ 5.6 | \$ (4.6) | \$ 11.7 |
| | | | | | | |
| Six months ended June 30, 2016 | Central Appalachia | Northern Appalachia* | Rhino Western | Illinois Basin* | Other* | Total* |
| | (in millions) | | | | | |
| Net income/(loss) from continuing operations | \$ (5.3) | \$ 7.0 | \$ 0.5 | \$ 0.5 | \$ (8.5) | \$ (5.8) |
| Plus: | | | | | | |
| DD&A | 3.3 | 1.8 | 2.8 | 3.7 | 0.3 | 11.9 |
| Interest expense | 0.4 | 0.2 | 0.1 | 0.1 | 2.5 | 3.3 |
| EBITDA from continuing operations† | \$ (1.6) | \$ 8.9 | \$ 3.4 | \$ 4.4 | \$ (5.8) | \$ 9.3 |
| Adjusted EBITDA from continuing operations† | (1.6) | 8.9 | 3.4 | 4.4 | (5.8) | 9.3 |
| EBITDA from discontinued operations | 1.8 | - | - | - | - | 1.8 |
| Adjusted EBITDA † | \$ 0.2 | \$ 8.9 | \$ 3.4 | \$ 4.4 | \$ (5.8) | \$ 11.1 |

* Totals may not foot due to rounding.

† EBITDA is calculated based on actual amounts and not the rounded amounts presented in this table.

| | Three months ended June 30, | | Six months ended June 30, | |
|--|-----------------------------|--------|---------------------------|---------|
| | 2017 | 2016 | 2017 | 2016 |
| | (in millions) | | | |
| Net cash provided by operating activities | \$ 6.0 | \$ 5.3 | \$ 7.3 | \$ 4.1 |
| Plus: | | | | |
| Increase in net operating assets | 1.4 | - | 4.9 | 1.0 |
| Gain on sale of assets | - | 0.1 | - | 0.3 |
| Amortization of deferred revenue | - | 0.6 | - | 0.7 |
| Amortization of actuarial gain | - | - | - | 4.8 |
| Interest expense | 1.0 | 1.7 | 2.1 | 3.3 |
| Equity in net income of unconsolidated affiliate | 0.1 | - | 0.1 | - |
| Less: | | | | |
| Decrease in net operating assets | - | 1.4 | - | - |
| Amortization of advance royalties | 0.3 | 0.3 | 0.6 | 0.6 |
| Amortization of debt issuance costs | 0.4 | 0.4 | 0.7 | 1.0 |
| Loss on retirement of advanced royalties | - | - | 0.1 | 0.1 |
| Loss on sale of assets | 0.1 | - | 0.1 | - |
| Provision for doubtful accounts | - | 0.1 | - | 0.1 |
| Equity-based compensation | 0.3 | 0.5 | 0.3 | 0.5 |
| Accretion on asset retirement obligations | 0.5 | 0.4 | 0.9 | 0.7 |
| Equity in net loss of unconsolidated affiliates | - | 0.1 | - | 0.1 |
| EBITDA† | \$ 6.9 | \$ 4.5 | \$ 11.7 | \$ 11.1 |
| Adjusted EBITDA† | 6.9 | 4.5 | 11.7 | 11.1 |
| Less: EBITDA from discontinued operations | - | 0.6 | - | 1.8 |
| Adjusted EBITDA from continuing operations † | \$ 6.9 | \$ 3.9 | \$ 11.7 | \$ 9.3 |

† EBITDA is calculated based on actual amounts and not the rounded amounts presented in this table.

Liquidity and Capital Resources

Liquidity

Our principal indicators of our liquidity are our cash on hand and availability under our amended and restated credit agreement. As of June 30, 2017, our available liquidity was \$8.0 million, including cash on hand of \$0.1 million and \$7.9 million available under our credit facility. On May 13, 2016, we entered into a Fifth Amendment of our amended and restated agreement that initially extended the term of the senior secured credit facility to July 31, 2017. Per the Fifth Amendment, the term of the credit facility automatically extended to December 31, 2017 when the revolving credit commitments were reduced to \$55 million or less as of December 31, 2016. The Fifth Amendment also immediately reduced the revolving credit commitments under the credit facility to a maximum of \$75 million and maintained the amount available for letters of credit at \$30 million. In December 2016, we entered into a Seventh Amendment of our amended and restated credit agreement. The Seventh Amendment immediately reduced the revolving credit commitments by \$11.0 million and provided for additional revolving credit commitment reductions of \$2.0 million each on June 30, 2017 and September 30, 2017. The Seventh Amendment further reduced the revolving credit commitments over time on a dollar-for-dollar basis for the net cash proceeds received from any asset sales after the Seventh Amendment date once the aggregate net cash proceeds received exceeds \$2.0 million. For more information about our amended and restated credit agreement, please read — “Amended and Restated Credit Agreement.”

Our business is capital intensive and requires substantial capital expenditures for purchasing, upgrading and maintaining equipment used in developing and mining our reserves, as well as complying with applicable environmental and mine safety laws and regulations. Our principal liquidity requirements are to finance current operations, fund capital expenditures, including acquisitions from time to time, and service our debt. Historically, our sources of liquidity included cash generated by our operations, borrowings under our credit agreement and issuances of equity securities. Our ability to access the capital markets on economic terms in the future will be affected by general economic conditions, the domestic and global financial markets, our operational and financial performance, the value and performance of our equity securities, prevailing commodity prices and other macroeconomic factors outside of our control. Failure to obtain financing or to generate sufficient cash flow from operations could cause us to significantly reduce our spending and to alter our short- or long-term business plan. We may also be required to consider other options, such as selling assets or merger opportunities, and depending on the urgency of our liquidity constraints, we may be required to pursue such an option at an inopportune time.

Since the current maturity date of our credit facility is December 31, 2017, we are unable to demonstrate that we have sufficient liquidity to operate our business over the next twelve months and thus substantial doubt is raised about our ability to continue as a going concern. Accordingly, our independent registered public accounting firm has included an emphasis paragraph with respect to our ability to continue as a going concern in its report on our consolidated financial statements for the year ended December 31, 2016. The presence of the going concern emphasis paragraph in our auditors' report may have an adverse impact on our relationship with third parties with whom we do business, including our customers, vendors, lenders and employees, making it difficult to raise additional debt or equity financing to the extent needed and conduct normal operations. As a result, our business, results of operations, financial condition and prospects could be materially adversely affected.

Since our credit facility has an expiration date of December 2017, we determined that our credit facility debt liability at June 30, 2017 and December 31, 2016, of \$12.3 million and \$10.0 million, respectively, should be classified as a current liability on our unaudited condensed consolidated statements of financial position. The classification of our credit facility balance as a current liability raises substantial doubt of our ability to continue as a going concern for the next twelve months. We are also considering alternative financing options that could result in a new long-term credit facility. However, we may be unable to complete such a transaction on terms acceptable to us or at all. If we are unable to extend the expiration date of our amended and restated credit facility, we will have to secure alternative financing to replace our credit facility by the expiration date of December 2017 in order to continue our business operations. If we are unable to extend the expiration date of our amended and restated credit facility or secure a replacement facility, we will lose a primary source of liquidity, and we may not be able to generate adequate cash flow from operations to fund our business, including amounts that may become due under our credit facility.

Furthermore, although met coal prices and demand have improved in recent months, if weak demand and low prices for steam coal persist and if met coal prices and demand weaken, we may not be able to continue to give the required representations or meet all of the covenants and restrictions included in our amended and restated credit agreement. If we violate any of the covenants or restrictions in our amended and restated credit agreement, including the maximum leverage ratio, some or all of our indebtedness may become immediately due and payable, and our lenders' commitment to make further loans to us may terminate. If we are unable to give a required representation or we violate a covenant or restriction, then we will need a waiver from our lenders in order to continue to borrow under our amended and restated credit agreement.

Although we believe our lenders loans are well secured under the terms of our amended and restated credit agreement, there is no assurance that the lenders would agree to any such waiver. Failure to obtain financing or to generate sufficient cash flow from operations could cause us to further curtail our operations and reduce our spending and to alter our business plan. We may also be required to consider other options, such as selling additional assets or merger opportunities, and depending on the urgency of our liquidity constraints, we may be required to pursue such an option at an inopportune time. If we are not able to fund our liquidity requirements for the next twelve months, we may not be able to continue as a going concern.

We continue to take measures, including the suspension of cash distributions on our common and subordinated units and cost and productivity improvements, to enhance and preserve our liquidity so that we can fund our ongoing operations and necessary capital expenditures and meet our financial commitments and debt service obligations.

Cash Flows

Net cash provided by operating activities was \$7.3 million for the six months ended June 30, 2017 as compared to cash provided by operating activities of \$4.1 million for the six months ended June 30, 2016. This increase in cash provided by operating activities for the six months ended June 30, 2017 was primarily the result of the increase in production and sales in our Central Appalachia segment for the six months ended June 30, 2017 as compared to 2016.

Net cash used for investing activities was \$9.3 million for the six months ended June 30, 2017 as compared to cash used for investing activities of \$4.0 million for the three months ended June 30, 2016. Net cash used in investing activities for the six months ended June 30, 2017 and 2016 was primarily related to capital expenditures necessary for maintaining our mining operations.

Net cash provided by financing activities for the six months ended June 30, 2017 was \$2.0 million, which was primarily attributable to net borrowings on our revolving credit facility during this period. Net cash used in financing activities for the six months ended June 30, 2016 was \$0.1 million, which was attributable to net repayments on our revolving credit facility resulting from contributions from Royal's acquisition of common units.

Capital Expenditures

Our mining operations require investments to expand, upgrade or enhance existing operations and to meet environmental and safety regulations. Maintenance capital expenditures are those capital expenditures required to maintain our long term operating capacity. Examples of maintenance capital expenditures include expenditures associated with the replacement of equipment and coal reserves, whether through the expansion of an existing mine or the acquisition or development of new reserves to the extent such expenditures are made to maintain our long term operating capacity. Expansion capital expenditures are those capital expenditures that we expect will increase our operating capacity over the long term. Examples of expansion capital expenditures include the acquisition of reserves, acquisition of equipment for a new mine or the expansion of an existing mine to the extent such expenditures are expected to expand our long-term operating capacity.

Actual maintenance capital expenditures for the six months ended June 30, 2017 were approximately \$5.8 million. These amounts were primarily used to rebuild, repair or replace older mining equipment. Expansion capital expenditures for the six months ended June 30, 2017 were approximately \$4.8 million and primarily related to purchases of additional equipment to be used to expand our met coal production capacity in Central Appalachia.

Amended and Restated Credit Agreement

On July 29, 2011, we executed the Amended and Restated Credit Agreement. The maximum availability under the amended and restated credit facility was \$300.0 million, with a one-time option to increase the availability by an amount not to exceed \$50.0 million. Of the \$300.0 million, \$75.0 million was available for letters of credit. In April 2015, the Amended and Restated Credit Agreement was amended and the borrowing commitment under the facility was reduced to \$100.0 million and the amount available for letters of credit was reduced to \$50.0 million. As described below, in March 2016 and May 2016, the borrowing commitment under the facility was further reduced to \$80.0 million and \$75.0 million, respectively, and the amount available for letters of credit was reduced to \$30.0 million. In addition, as described below, the borrowing commitment under the facility was further reduced by amendments in July 2016 and December 2016 to \$46.3 million as of June 30, 2017. The amount available for letters of credit was unchanged from these amendments.

Loans under the senior secured credit facility currently bear interest at a base rate equaling the prime rate plus an applicable margin of 3.50%. The amended and restated credit agreement also contains letter of credit fees equal to an applicable margin of 5.00% multiplied by the aggregate amount available to be drawn on the letters of credit, and a 0.15% fronting fee payable to the administrative agent. In addition, we incur a commitment fee on the unused portion of the senior secured credit facility at a rate of 1.00% per annum. Borrowings on the line of credit are collateralized by all of our unsecured assets.

Our Amended and Restated Credit Agreement requires us to maintain certain minimum financial ratios and contains certain restrictive provisions, including among others, restrictions on making loans, investments and advances, incurring additional indebtedness, guaranteeing indebtedness, creating liens, and selling or assigning stock.

On March 17, 2016, we entered into the Fourth Amendment (“Fourth Amendment”) of our amended and restated credit agreement. The Fourth Amendment amended the definition of change of control in the amended and restated credit agreement to permit Royal to purchase the membership interests of our general partner. The Fourth Amendment reduced the borrowing capacity under the credit facility to a maximum of \$80 million and reduced the amount available for letters of credit to \$30 million. The Fourth Amendment eliminated the option to borrow funds utilizing the LIBOR rate plus an applicable margin and established the borrowing rate for all borrowings under the facility to be based upon the current PRIME rate plus an applicable margin of 3.50%. The Fourth Amendment eliminated the capability to make Swing Loans under the facility and eliminated our ability to pay distributions to our common or subordinated unitholders. The Fourth Amendment altered the maximum leverage ratio, calculated as of the end of the most recent month, on a trailing twelve-month basis, to 6.75 to 1.00. The leverage ratio shall be reduced by 0.50 to 1.00 for every \$10 million of net cash proceeds, in the aggregate, received by us after the date of the Fourth Amendment from a liquidity event; provided, however, that in no event shall the maximum permitted leverage ratio be reduced below 3.00 to 1.00. A liquidity event is defined in the Fourth Amendment as the issuance of any equity by us on or after the Fourth Amendment effective date (other than the Royal equity contribution discussed above), or the disposition of any assets by us. The Fourth Amendment required us to maintain minimum liquidity of \$5 million and minimum EBITDA (as defined in the credit agreement), calculated as of the end of the most recent month, on a trailing twelve month basis, of \$8 million. The Fourth Amendment limited the amount of our capital expenditures to \$15 million, calculated as of end of the most recent month, on a trailing twelve-month basis. The Fourth Amendment required us to provide monthly financial statements and a weekly rolling thirteen-week cash flow forecast to the Administrative Agent.

On May 13, 2016, we entered into the Fifth Amendment of our amended and restated credit agreement that extended the term to July 31, 2017. Per the Fifth Amendment, the credit facility will be automatically extended to December 31, 2017 if revolving credit commitments are reduced to \$55 million or less on or before July 31, 2017. The Fifth Amendment immediately reduced the revolving credit commitments under the credit facility to a maximum of \$75 million and maintained the amount available for letters of credit at \$30 million. The Fifth Amendment further reduced the revolving credit commitments over time on a dollar-for-dollar basis in amounts equal to each of the following: (i) the face amount of any letter of credit that expires or whose face amount is reduced by any such dollar amount, (ii) the net proceeds received from any asset sales, (iii) the Royal scheduled capital contributions (as outline below), (iv) the net proceeds from the issuance of any equity by us up to \$20.0 million (other than equity issued in exchange for any Royal contribution as outlined in the Securities Purchase Agreement or the Royal scheduled capital contributions to us as outlined below), and (v) the proceeds from the incurrence of any subordinated debt. The first \$11 million of proceeds received from any equity issued by us described in clause (iv) above shall also satisfy the Royal scheduled capital contributions as outlined below. The Fifth Amendment requires Royal to contribute \$2 million each quarter beginning September 30, 2016 through September 30, 2017 and \$1 million on December 1, 2017, for a total of \$11 million. The Fifth Amendment further reduces the revolving credit commitments as follows:

| Date of Reduction | Reduction Amount |
|--------------------|---|
| September 30, 2016 | The lesser of (i) \$2 million or (ii) the positive difference (if any) of \$2 million minus the proceeds from the issuance of any of our equity (excluding any Royal equity contributions) |
| December 31, 2016 | The lesser of (i) \$2 million or (ii) the positive difference (if any) of \$4 million minus the proceeds from the issuance of any of our equity (excluding any Royal equity contributions) |
| March 31, 2017 | The lesser of (i) \$2 million or (ii) the positive difference (if any) of \$6 million minus the proceeds from the issuance of any of our equity (excluding any Royal equity contributions) |
| June 30, 2017 | The lesser of (i) \$2 million or (ii) the positive difference (if any) of \$8 million minus the proceeds from the issuance of any of our equity (excluding any Royal equity contributions) |
| September 30, 2017 | The lesser of (i) \$2 million or (ii) the positive difference (if any) of \$10 million minus the proceeds from the issuance of any of our equity (excluding any Royal equity contributions) |
| December 1, 2017 | The lesser of (i) \$1 million or (ii) the positive difference (if any) of \$11 million minus the proceeds from the issuance of any of our equity (excluding any Royal equity contributions) |

The Fifth Amendment required that on or before March 31, 2017, we solicit bids for the potential sale of certain non-core assets, satisfactory to the administrative agent, and provided the administrative agent, and any other lender upon its request, with a description of the solicitation process, interested parties and any potential bids. The Fifth Amendment limits any payments by us to our general partner to: (i) the usual and customary payroll and benefits of the our management team so long as our management team remains employees of our general partner, (2) the usual and customary board fees of our general partner, and (3) the usual and customary general and administrative costs and expenses of our general partner incurred in connection with the operation of its business in an amount not to exceed \$0.3 million per fiscal year. The Fifth Amendment limits asset sales to a maximum of \$5 million unless we receive consent from the lenders. The Fifth Amendment removes the \$5.0 million minimum liquidity requirement and requires us to have any deposit, securities or investment accounts with a member of the lending group.

In July 2016, we entered into the Sixth Amendment (“Sixth Amendment”) of our amended and restated senior secured credit facility that permitted the sale of Elk Horn that was discussed earlier. The Sixth Amendment reduced the maximum commitment amount allowed under the credit facility based on the initial cash proceeds of \$10.5 million that were received for the Elk Horn sale. The Sixth Amendment further reduces the maximum commitment amount allowed under the credit facility by \$375,000 each quarterly period beginning September 30, 2016 through June 30, 2017 for the additional \$1.5 million to be received from the Elk Horn sale.

In December, 2016, we entered into a Seventh Amendment, which allows for the Series A preferred units as outlined in the Fourth Amended and Restated Agreement of Limited Partnership of the Partnership, which is further discussed in “Recent Developments”. The Seventh Amendment immediately reduced the revolving credit commitments by \$11.0 million and provides for additional revolving credit commitment reductions of \$2.0 million each on June 30, 2017 and September 30, 2017. The Seventh Amendment further reduces the revolving credit commitments over time on a dollar-for-dollar basis for the net cash proceeds received from any asset sales after the Seventh Amendment date once the aggregate net cash proceeds received exceeds \$2.0 million. The Seventh Amendment alters the maximum leverage ratio to 4.0 to 1.0 effective December 31, 2016 through May 31, 2017 and 3.5 to 1.0 from June 30, 2017 through December 31, 2017. The maximum leverage ratio shall be reduced by 0.50 to 1.0 for every \$10.0 million of net cash proceeds, in the aggregate, received after the Seventh Amendment date from (i) the issuance of any equity by us and/or (ii) the disposition of any assets in excess of \$2.0 million in the aggregate, provided, however, that in no event will the maximum leverage ratio be reduced below 3.0 to 1.0. The Seventh Amendment alters the minimum consolidated EBITDA figure, as calculated on a rolling twelve months basis, to \$12.5 million from December 31, 2016 through May 31, 2017 and \$15.0 million from June 30, 2017 through December 31, 2017. The Seventh Amendment alters the maximum capital expenditures allowed, as calculated on a rolling twelve months basis, to \$20.0 million through the expiration of the credit facility. A condition precedent to the effectiveness of the Seventh Amendment was the receipt of the \$13.0 million of cash proceeds received by us from the issuance of the Series A preferred units pursuant to the Preferred Unit Agreement, which we used to repay outstanding borrowings under the revolving credit facility. Per the Seventh Amendment, the receipt of \$13.0 million cash proceeds fulfills the required Royal equity contributions as outlined in the previous amendments to our credit agreement.

On March 23, 2017, we entered into an Eighth Amendment (“Eighth Amendment”) of our amended and restated credit agreement that allows the annual auditor’s report for the years ended December 31, 2016 and 2015 to contain a qualification with respect to the short-term classification of our credit facility balance without creating a default under the credit agreement.

On June 9, 2017, we entered into a ninth amendment (the “Ninth Amendment”) of our amended and restated credit agreement that permitted outstanding letters of credit to be replaced with different counterparties without affecting the revolving credit commitments under the credit agreement. The Ninth Amendment also permits certain lease and sale leaseback transactions under the credit agreement that do not affect the revolving credit commitments under the credit agreement for asset dispositions and also do into factor in the calculation of the maximum capital expenditures allowed under the credit agreement.

As of and for the twelve months ended June 30, 2017, we are in compliance with respect to all covenants contained in the credit agreement.

At June 30, 2017, the Operating Company had borrowings outstanding (excluding letters of credit) of \$12.3 million at a variable interest rate of PRIME plus 3.50% (7.75% at June 30, 2017). In addition, the Operating Company had outstanding letters of credit of approximately \$26.1 million at a fixed interest rate of 5.00% at June 30, 2017. Based upon a maximum borrowing capacity of 3.50 times a trailing twelve-month EBITDA calculation (as defined in the credit agreement), the Operating Company had available borrowing capacity of approximately \$7.9 million at June 30, 2017. During the three months ended June 30, 2017, we had average borrowings outstanding of approximately \$12.9 million under our credit agreement.

Off-Balance Sheet Arrangements

In the normal course of business, we are a party to certain off-balance sheet arrangements. These arrangements include guarantees and financial instruments with off-balance sheet risk, such as bank letters of credit and surety bonds. No liabilities related to these arrangements are reflected in our consolidated balance sheet, and we do not expect any material adverse effects on our financial condition, results of operations or cash flows to result from these off-balance sheet arrangements.

Federal and state laws require us to secure certain long-term obligations related to mine closure and reclamation costs. We typically secure these obligations by using surety bonds, an off-balance sheet instrument. The use of surety bonds is less expensive for us than the alternative of posting a 100% cash bond or a bank letter of credit, either of which would require a greater use of our amended and restated credit agreement. We then use bank letters of credit to secure our surety bonding obligations as a lower cost alternative than securing those bonds with a committed bonding facility pursuant to which we are required to provide bank letters of credit as a percentage of our aggregate bond liability. To the extent that surety bonds become unavailable, we would seek to secure our reclamation obligations with letters of credit, cash deposits or other suitable forms of collateral.

As of June 30, 2017, we had \$26.1 million in letters of credit outstanding, of which \$20.7 million served as collateral for surety bonds.

Critical Accounting Policies and Estimates

Our financial statements are prepared in accordance with accounting principles that are generally accepted in the United States. The preparation of these financial statements requires management to make estimates and judgments that affect the reported amount of assets, liabilities, revenues and expenses as well as the disclosure of contingent assets and liabilities. Management evaluates its estimates and judgments on an on-going basis. Management bases its estimates and judgments on historical experience and other factors that are believed to be reasonable under the circumstances. Nevertheless, actual results may differ from the estimates used and judgments made.

The accounting policies and estimates that we have adopted and followed in the preparation of our consolidated financial statements are fully described in our Annual Report on Form 10-K for the year ended December 31, 2016. There have been no significant changes in these policies and estimates as of June 30, 2017.

Recent Accounting Pronouncements

Refer to Part-I— Item 1. Financial Statements, Note 2 of the notes to the unaudited condensed consolidated financial statements for a discussion of recent accounting pronouncements, which is incorporated herein by reference. There are no known future impacts or material changes or trends of new accounting guidance beyond the disclosures provided in Note 2.

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures. As required by Rule 13a-15(b) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), we have evaluated, under the supervision and with the participation of our management, including our principal executive officer and principal financial officer, the effectiveness of the design and operation of 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 Form 10-Q. Our disclosure controls and procedures are designed to provide reasonable assurance that the information required to be disclosed by us in reports that we file 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 rules and forms of the SEC. Based upon the evaluation, our principal executive officer and principal financial officer have concluded that our disclosure controls and procedures were effective as of June 30, 2017 at the reasonable assurance level.

Changes in Internal Control over Financial Reporting. There was no change in our internal control over financial reporting that occurred during the quarter ended June 30, 2017 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II—Other Information

Item 1. Legal Proceedings.

We may, from time to time, be involved in various legal proceedings and claims arising out of our operations in the normal course of business. While many of these matters involve inherent uncertainty, we do not believe that we are a party to any legal proceedings or claims that will have a material adverse impact on our business, financial condition or results of operations.

Item 1A. Risk Factors.

In addition to the other information set forth in this Report, you should carefully consider the risks under the heading “Risk Factors” in our Annual Report on Form 10-K for the year ended December 31, 2016, which risks could materially affect our business, financial condition or future results. There has been no material change in our risk factors from those described in the Annual Report on Form 10-K for the year ended December 31, 2016. These risks are not the only risks that we face. 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 results of operations.

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

None.

Item 3. Defaults upon Senior Securities.

None.

Item 4. Mine Safety Disclosure.

Information concerning mine safety violations or other regulatory matters required by Section 1503(a) of the Dodd-Frank Wall Street Reform and Consumer Protection Act and Item 104 of Regulation S-K for the three months ended June 30, 2017 is included in Exhibit 95.1 to this report.

Item 5. Other Information.

None.

Item 6. Exhibits.

| Exhibit Number | Description |
|---------------------------|---|
| 2.1** | Membership Interest Purchase Agreement, dated August 22, 2016, by and among Rhino Energy LLC and Elk Horn Coal Acquisition LLC, incorporated by reference to Exhibit 2.2 of the Quarterly Report on Form 10-Q (File No. 001-34892), filed on November 10, 2016 |
| 3.1 | Certificate of Limited Partnership of Rhino Resource Partners LP, incorporated by reference to Exhibit 3.1 to the Registration Statement on Form S-1 (File No. 333-166550) filed on May 5, 2010 |
| 3.2 | Fourth Amended and Restated Agreement of Limited Partnership of Rhino Resource Partners LP, dated as of December 30, 2016, incorporated by reference to Exhibit 3.1 to the Current Report on Form 8-K (File No. 001-34892) filed on January 6, 2017. |
| 4.1 | Registration Rights Agreement, dated as of October 5, 2010, by and between Rhino Resource Partners LP and Rhino Energy Holdings LLC, incorporated by reference to Exhibit 4.1 to the Current Report on Form 8-K (File No. 001-34892) filed on October 8, 2010 |
| 4.2 | Registration Rights Agreement, dated as of March 21, 2016, by and between Rhino Resource Partners LP and Royal Energy Resources, Inc., incorporated by reference to Exhibit 4.1 to the Current Report on Form 8-K (File No. 001-34892) filed on March 23, 2016 |
| 10.1* | Ninth Amendment to Amended and Restated Credit Agreement, dated June 9, 2017 by and among Rhino Energy LLC, PNC Bank, National Association, as Administrative Agent, PNC Capital Markets and Union Bank, N.A., as Joint Lead Arrangers and Joint Bookrunners, Union Bank, N.A., as Syndication Agent, Raymond James Bank, FSB, Wells Fargo Bank, National Association and the Huntington National Bank, as Co-Documentation Agents and the guarantors and lenders party thereto |
| 31.1* | Certification of Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. Section 7241) |
| 31.2* | Certification of Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. Section 7241) |
| 32.1* | Certification of Chief Executive Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. Section 1350) |
| 32.2* | Certification of Chief Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. Section 1350) |

| Exhibit Number | Description |
|---------------------------|--|
| 95.1* | Mine Health and Safety Disclosure pursuant to §1503(a) of the Dodd-Frank Wall Street Reform and Consumer Protection Act for the three months ended June 30, 2017 |
| 101.INS* | XBRL Instance Document |
| 101.SCH* | XBRL Taxonomy Extension Schema Document |
| 101.CAL* | XBRL Taxonomy Extension Calculation Linkbase Document |
| 101.DEF* | XBRL Taxonomy Definition Linkbase Document |
| 101.LAB* | XBRL Taxonomy Extension Label Linkbase Document |
| 101.PRE* | XBRL Taxonomy Extension Presentation Linkbase Document |

The exhibits marked with the asterisk symbol (*) are filed or furnished (in the case of Exhibits 32.1 and 32.2) with this Form 10-Q.

** Schedules and similar attachments have been omitted pursuant to Item 601(b)(2) of Regulation S-K. The registrant undertakes to furnish supplementally copies of any of the omitted schedules and exhibits upon request by the Securities and Exchange Commission.

SIGNATURES

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

RHINO RESOURCE PARTNERS LP

By: Rhino GP LLC, its General Partner

Date: August 11, 2017

By: /s/ Richard A. Boone

Richard A. Boone
President, Chief Executive Officer and Director
(Principal Executive Officer)

Date: August 11, 2017

By: /s/ W. Scott Morris

W. Scott Morris
Vice President and Chief Financial Officer
(Principal Financial Officer)

NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT

THIS NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT (the “Amendment”) dated as of June 9, 2017, is made by and among **RHINO ENERGY LLC**, a Delaware limited liability company (the “Borrower”), each of the **GUARANTORS** (as hereinafter defined), the **LENDERS** (as hereinafter defined), and **PNC BANK, NATIONAL ASSOCIATION**, in its capacity as administrative agent for the Lenders under the Credit Agreement (hereinafter referred to in such capacity as the “Administrative Agent”).

WITNESSETH:

WHEREAS, the Borrower, the Administrative Agent and the Lenders are parties to that certain Amended and Restated Credit Agreement dated July 29, 2011, as amended by that certain First Amendment to Amended and Restated Credit Agreement dated April 18, 2013, as amended by that certain Second Amendment and Consent to Amended and Restated Credit Agreement dated March 19, 2014, as amended by that certain Third Amendment to Amended and Restated Credit Agreement dated April 28, 2015, as amended by that certain Fourth Amendment to Amended and Restated Credit Agreement dated March 17, 2016, as amended by that certain Fifth Amendment to Amended and Restated Credit Agreement dated May 13, 2016, as amended by that certain Sixth Amendment and Consent to Amended and Restated Credit Agreement dated as of July 19, 2016, further amended by that certain Seventh Amendment to Amended and Restated Credit Agreement dated as of December 30, 2016, and further amended by that certain Eighth Amendment to Amended and Restated Credit Agreement dated as of March 23, 2017 (as the same may be further amended, modified or supplemented from time to time, the “Credit Agreement”);

WHEREAS, the Borrower wishes to make certain changes with respect to the sale of certain assets and reductions in Commitments as a result of the sale of such assets and reductions in the undrawn face amount of outstanding Letters of Credit.

NOW, THEREFORE, the parties hereto, in consideration of their mutual covenants and agreements hereinafter set forth and intending to be legally bound hereby, covenant and agree as follows:

1. Definitions. Except as set forth in this Amendment, defined terms used herein shall have the meanings given to them in the Credit Agreement:
2. Amendment to Credit Agreement.

(a) Defined Terms - New. Section 1.1 of the Credit Agreement shall be amended by adding the following new definition thereto in appropriate alphabetical order:

“Mammoth Share Disposition shall mean the sale from time to time by the Borrower of its shares of stock in Mammoth Energy Service, Inc.”

“Ninth Amendment Effective Date shall mean June 9, 2017.”

“Rock Haul Truck Sale Leaseback shall mean that certain contemporaneous sale and leaseback transaction to be potentially entered into by certain of the Loan Parties of four 785D Rock Haul Trucks provided the sales price and lease terms are in form and substance satisfactory to the Administrative Agent.”

(b) Reduction of Revolving Credit Commitments. Subsection 2.12(i) of the Credit Agreement shall be amended and restated as follows:

“(i) Letter of Credit Reductions. Upon (a) the expiration or termination of a Letter of Credit, the Revolving Credit Commitments shall be reduced on a dollar for dollar basis by an amount equal to the undrawn face amount of such Letter of Credit; provided that with respect to any Letter of Credit that has expired or is terminated and the obligations of the Loan Parties supported by such Letter of Credit are being supported by another Letter of Credit (even if such new Letter of Credit is issued in favor of a different bonding company or other Person), the Revolving Credit Commitments shall only be reduced on a dollar for dollar basis in an amount equal to the difference (if positive) between the undrawn face amount of such expiring or terminating Letter of Credit and the face amount of the new Letter of Credit supporting such obligations, and (b) the reduction of a Letter of Credit, the Revolving Credit Commitments shall be reduced on a dollar for dollar basis by an amount equal to the reduction of such Letter of Credit; provided that with respect to any Letter of Credit that has been reduced as a result of such obligations of the Loan Parties being supported by a new Letter of Credit (even if such new Letter of Credit is issued in favor of a different bonding company or other Person), the Revolving Credit Commitments shall be reduced on a dollar for dollar basis only in an amount equal to the difference (if positive) between the reduction in undrawn face amount of such Letter of Credit and the face amount of the new or increased Letter of Credit supporting such obligations. Revolving Credit Commitment reductions shall be applied ratably among the Lenders in proportion to their Ratable Shares;”

(c) Indebtedness. Subsection 8.2.1(iv) of the Credit Agreement shall be amended and restated as follows:

“(iv) Indebtedness (A) secured by Purchase Money Security Interests and capital leases not exceeding \$20,000,000 in the aggregate and entered into prior to February 25, 2016 and (B) incurred in connection with the lease component of the Rock Haul Truck Sale Leaseback;

(d) Dispositions of Assets or Subsidiaries. Subsection 8.2.7 (iv) of the Credit Agreement shall be amended to delete the “or” and the end of such subsection.

(e) Dispositions of Assets or Subsidiaries. Subsection 8.2.7 (v) of the Credit Agreement shall be amended to delete the “and” and the end of such subsection.

(f) Dispositions of Assets or Subsidiaries. Subsection 8.2.7 (vi) of the Credit Agreement shall be amended and restated as follows:

“(vi) subject to the Commitment reduction provisions of Section 2.12 of this Agreement, (a) the Mammoth Share Dispositions occurring from time to time, or (b) any other sale, conveyance, assignment, lease, abandonment or other transfer or disposal of assets or Subsidiaries under this clause (b) provided that the net proceeds of which shall not exceed \$5,000,000 in the aggregate per fiscal year unless consented to by the Required Lenders; and”

(g) Dispositions of Assets or Subsidiaries. Section 8.2.7 of the Credit Agreement shall be amended to add the following new subsection (vii):

“(vii) any sale of the assets sold pursuant to the Rock Haul Truck Sale Leaseback.”

(h) Operating Leases. Section 8.2.16 of the Credit Agreement shall be amended and restated as follows:

“8.2.16 Operating Leases. The Loan Parties shall not, and shall not permit any of their Subsidiaries to, enter into, or be obligated in respect of, any operating lease other than (i) in the ordinary course of business on terms and conditions typical for similarly situated businesses or (ii) pursuant to the Rock Haul Truck Sale Leaseback.”

(i) Maximum Capital Expenditures. Section 8.2.22 of the Credit Agreement shall be amended and restated as follows:

“8.2.22 Maximum Capital Expenditures. The Loan Parties shall not, and shall not permit any of its Subsidiaries to, make any payments on account of Capital Expenditures other than (i) the prior purchase of certain 785D rock trucks for a purchase price of approximately \$2,460,000 in March of 2017, and (ii) other payments that would cause the aggregate amount of such payments made, calculated as of end of the most recent month, on a trailing twelve month basis, to exceed \$20,000,000 for such twelve-month period.”

(j) Notice of Certain Events. Section 8.3.6 [Certain Events] is amended and restated as follows:

“8.3.6 Certain Events. Written notice to the Administrative Agent (i) at least five (5) calendar days prior thereto, with respect to any proposed sale or transfer of assets pursuant to Section 8.2.7(vi)(b), and (ii) of the amount of any reduction in the Commitments promptly after the sale, conveyance, assignment, lease, abandonment or other transfer or disposal of assets pursuant to Section 8.2.7(vi).

3 . Conditions Precedent. The Borrower acknowledges and agrees that this Amendment and the Administrative Agent and Lenders' consent set forth in this Amendment are subject to the following conditions precedent as determined by the Administrative Agent to its satisfaction:

(a) Execution and Delivery of Amendment. The Borrower, the Loan Parties, the Administrative Agent, and the Required Lenders shall have executed and delivered this Amendment, and all other documentation necessary for effectiveness of this Amendment shall have been executed and delivered all to the satisfaction of the Borrower, the Required Lenders and the Administrative Agent.

(b) Officer's Certificate. The representations and warranties of the Loan Parties contained in Section 6 of the Credit Agreement, as amended by the modifications and additional representations and warranties of this Amendment, and in each of the other Loan Documents shall be true and accurate on and as of the date hereof with the same effect as though such representations and warranties had been made on and as of such date (except representations and warranties which relate solely to an earlier date or time, which representations and warranties shall be true and correct on and as of the specific dates or times referred to therein), and each of the Loan Parties shall have performed and complied with all covenants and conditions hereof and thereof after giving effect to this Amendment, no Event of Default or Potential Default shall have occurred and be continuing or shall exist after giving effect to this Amendment; and there shall be delivered to the Administrative Agent for the benefit of each Lender a certificate of the Borrower dated the date hereof and signed by the Chief Executive Officer, President, or Chief Financial Officer of the Borrower to each such effect.

(c) Secretary's Certificate. There shall be delivered to the Administrative Agent for the benefit of each Lender a certificate dated the date hereof and signed by the Secretary or an Assistant Secretary of each of the Loan Parties, certifying as appropriate as to:

(i) all actions taken by each Loan Party in connection with this Amendment and the other Loan Documents;

(ii) the names of the officer or officers authorized to sign this Amendment and the other Loan Documents and the true signatures of such officer or officers and specifying the Authorized Officers permitted to act on behalf of each Loan Party for purposes of this Amendment and the true signatures of such officers, on which the Administrative Agent and each Lender may conclusively rely; and

(iii) copies of its organizational documents, including its certificate of incorporation and bylaws, certificate of limited partnership and limited partnership agreement or limited liability company certificate and operating agreement, as the case may be, as in effect on the date hereof and certified by the appropriate state official where such document is filed in a state office (or, in the event that no change has been made to such organizational documents previously delivered to the Administrative Agent, so certified by the Secretary or Assistant Secretary of such Loan Party), together with certificates from the appropriate state officials as to the continued existence and good standing of the Borrower in the state of its formation and the state of its principal place of business.

(d) Legal Details. All legal details and proceedings in connection with the transactions contemplated by this Amendment and the other Loan Documents, including but not limited to all documentation and information required by the regulatory authorities under applicable “know your customer”, anti-money laundering, and Patriot Act rules and regulations with respect to the Loan Parties, shall be in form and substance satisfactory to the Administrative Agent, and the Administrative Agent shall have received all such other counterpart originals or certified or other copies of such documents and proceedings in connection with such transactions, in form and substance satisfactory to the Administrative Agent, as the Administrative Agent or its counsel may reasonably request.

(e) Payment of Fees. The Borrowers shall have paid to the Administrative Agent all fees, costs and expenses payable to the Administrative Agent, including but not limited to (i) a \$10,000 consent fee to the Lenders who execute this Amendment on or before the Ninth Amendment Effective Date, and (ii) the fees and expenses of the Administrative Agent’s legal counsel.

4 . Representations and Warranties. By its execution and delivery of this Amendment to Administrative Agent, Borrower, and each of the other Loan Parties represents and warrants to Administrative Agent and Lenders as follows:

(a) Authorization, Etc. Each Loan Party has duly authorized, executed, and delivered this Amendment.

(b) Material Adverse Change. After giving effect to this Amendment, no Material Adverse Change shall have occurred with respect to Borrower or any of the other Loan Parties since the Closing Date of the Credit Agreement.

(c) Litigation. After giving effect to this Amendment, there are no actions, suits, investigations, litigation, or governmental proceedings pending or, to Borrower’s or any other Loan Party’s knowledge, threatened against any of the Loan Parties that could reasonably be expected to result in a Material Adverse Change.

(d) Loan Documents. The representations and warranties set forth in the Credit Agreement and the Loan Documents shall be true and correct on and as of the date of this Amendment after giving effect to this Amendment with the same effect as though such representations and warranties had been made on and as of such date (except representations and warranties that relate solely to an earlier date or time, which representations and warranties shall be true and correct on and as of the specific dates or times referred to therein), and no Event of Default shall exist and be continuing under the Credit Agreement or under any Loan Document as of the date of this Amendment after giving effect to this Amendment.

5. Miscellaneous.

(a) Full Force and Effect. Nothing contained herein shall operate to release the Borrower, any other Loan Party, or any other person or persons from their liability to keep and perform the provisions, conditions, obligations, and agreements contained in the Credit Agreement or the other Loan Documents, except as expressly herein modified, and the Borrower and each other Loan Party hereby reaffirms that each and every provision, condition, obligation, and agreement in the Credit Agreement and the other Loan Documents shall continue in full force and effect, except as expressly herein modified. **The Borrower and each other Loan Party acknowledge that there are no agreements to make any further amendments or modifications of the Credit Agreement and the Loan Documents, nor are the Administrative Agent and the Lenders under any obligation to make any further amendments or modifications to the Credit Agreement and the Loan Documents other than those changes expressly set forth in this Amendment.** This Amendment shall not constitute or be construed as a waiver of any Event of Default or event which with the giving of notice or the passage of time or both would constitute an Event of Default by Borrower under any of the Loan Documents or any of the Administrative Agent's or the Lenders' rights and remedies with respect thereto. The validity, priority and perfection of all security interests and other liens granted or created by the Loan Documents is hereby acknowledged and confirmed, and the Loan Documents shall continue to secure the Loans, as amended by this Amendment, without any change, loss or impairment of the priority of such security interests or other liens.

(b) Release of Administrative Agent and Lenders. The Borrower and each of the other Loan Parties hereby fully and unconditionally release and forever discharge the Administrative Agent and the Lenders, their employees, directors, officers, attorneys, branches, affiliates, subsidiaries, successors and assigns and all persons, firms, corporations and organizations acting on any of their behalves (the "Released Parties") of and from any and all claims, liabilities, demands, obligations, damages, losses, actions and causes of action whatsoever which the Borrower or any of the other Loan Parties may now have or claim to have against the Released Parties as of the date hereof, whether presently known or unknown and of any nature and extent whatsoever, including, without limitation, on account of or in any way affecting, concerning or arising out of or founded upon this Amendment, the Credit Agreement, or any of the Loan Documents, including but not limited to all such loss or damage of any kind heretofore sustained or that may arise as a consequence of the dealings between the parties up to and including the date hereof, including but not limited to, the administration or enforcement of the Obligations, the Loan or any of the Loan Documents. The obligations of the Borrower and the other Loan Parties under the Loan Documents and the Credit Agreement, as amended by this Amendment, shall be absolute and unconditional and shall remain in full force and effect without regard to, and shall not be released, discharged or in any way affected by:

- (i) any exercise or non-exercise of any right, remedy, power or privilege under or in respect of the Credit Agreement, as amended by this Amendment, the Loan Documents or any document relating to or evidencing any of the Lender's liens or applicable law, including, without limitation, any waiver, consent, extension, indulgence or other action or inaction in respect thereof; or
 - (ii) any other act or thing or omission or delay to do any other act or thing which could operate to or as a discharge of the Borrower or any other Loan Party as a matter of law, other than payment in full of all Obligations, including but not limited to all obligations under the Loan Documents and the Credit Agreement, as amended by this Amendment.
-

(c) Counterparts. This Amendment may be signed in counterparts (by facsimile transmission or otherwise), but all of which together shall constitute one and the same instrument.

(d) Incorporation into Credit Agreement. This Amendment shall be incorporated into the Credit Agreement by this reference. All representations, warranties, Events of Default, and covenants set forth herein shall be a part of the Credit Agreement as if originally contained therein.

(e) Governing Law. This Amendment shall be deemed to be a contract under the Laws of the Commonwealth of Pennsylvania and for all purposes shall be governed by and construed and enforced in accordance with the internal laws of the Commonwealth of Pennsylvania without regard to its conflict of laws principles.

(f) No Novation. Except as amended hereby, all of the terms and conditions of the Credit Agreement and the other Loan Documents shall remain in full force and effect. Borrower, the other Loan Parties, each Lender, and Administrative Agent acknowledge and agree that this Amendment is not intended to constitute, nor does it constitute, a novation, interruption, suspension of continuity, satisfaction, discharge or termination of the obligations, loans, liabilities, or indebtedness under the Credit Agreement or the other Loan Documents.

[SIGNATURE PAGES TO FOLLOW]

[SIGNATURE PAGE – NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT]

IN WITNESS WHEREOF, the parties have executed this instrument as of the day and year first above written.

BORROWER:

RHINO ENERGY LLC, a Delaware limited liability company

By: /s/ Richard A. Boone (SEAL)

Name: Richard A. Boone

Title: President

GUARANTORS:

**CAM AIRCRAFT LLC
CAM-BB LLC
CAM COAL TRADING LLC
CAM-COLORADO LLC
CAM-KENTUCKY REAL ESTATE LLC
CAM MINING LLC
CAM-OHIO REAL ESTATE LLC
CASTLE VALLEY MINING LLC
CLINTON STONE LLC
HOPEDALE MINING LLC
LEESVILLE LAND, LLC
MCCLANE CANYON MINING LLC
PENNYRILE ENERGY LLC
RHINO COALFIELD SERVICES LLC
RHINO EXPLORATION LLC
RHINO NORTHERN HOLDINGS LLC
RHINO OILFIELD SERVICES LLC
RHINO SERVICES LLC
RHINO TECHNOLOGIES LLC
RHINO TRUCKING LLC
SANDS HILL MINING LLC
SPRINGDALE LAND, LLC
TAYLORVILLE MINING LLC
TRIAD ROOF SUPPORT SYSTEMS LLC**

By: /s/ Richard A. Boone

Name: Richard A. Boone

Title: President of each Guarantor listed above on behalf of each such Guarantor

[SIGNATURE PAGE – Ninth AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT]

RHINO RESOURCE PARTNERS LP

By: Rhino GP LLC, its general partner

By: /s/ Richard A. Boone

Name: Richard A. Boone

Title: President

[SIGNATURE PAGE – NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT]

PNC BANK, NATIONAL ASSOCIATION, individually and as
Administrative Agent

By: /s/ Christopher B. Gribble

Name: Christopher B. Gribble

Title: Senior Vice President

[SIGNATURE PAGE – NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT]

MUFG UNION BANK, N.A.

By: /s/ Timothy C. Hintz

Name: Timothy C. Hintz

Title: Director

[SIGNATURE PAGE – NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT]

RAYMOND JAMES BANK, N.A.

By: /s/ H. Fred Coble, Jr.

Name: H. Fred Coble, Jr.

Title: Senior Vice President

[SIGNATURE PAGE – NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT]

THE HUNTINGTON NATIONAL BANK

By: /s/ Bruce G. Shearer

Name: Bruce G. Shearer

Title: Senior Vice President

[SIGNATURE PAGE – NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT]

WELLS FARGO BANK, NATIONAL ASSOCIATION

By: /s/ Stephanie Micua

Name: Stephanie Micua

Title: Senior Vice President

[SIGNATURE PAGE – NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT]

FIFTH THIRD BANK

By: /s/ David R. Garcia

Name: David R. Garcia

Title: Vice President

[SIGNATURE PAGE – NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT]

ROYAL BANK OF CANADA

By: /s/ Leslie P. Vowell

Name: Leslie P. Vowell

Title: Attorney-in-Fact

[SIGNATURE PAGE – NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT]

BRANCH BANKING AND TRUST COMPANY

By: /s/ Mary McElwain

Name: Mary McElwain

Title: Senior Vice President

[SIGNATURE PAGE – NINTH AMENDMENT TO AMENDED AND RESTATED CREDIT AGREEMENT]

FIRST COMMONWEALTH BANK

By: /s/ Mark A. Woleslagle

Name: Mark A. Woleslagle

Title: Vice President

CERTIFICATION

I, Richard A. Boone, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Rhino Resource Partners LP;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 11, 2017

/s/ Richard A. Boone

Richard A. Boone

President, Chief Executive Officer and Director

CERTIFICATION

I, W. Scott Morris, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Rhino Resource Partners LP;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: August 11, 2017

/s/ W. Scott Morris

W. Scott Morris
Vice President and Chief Financial Officer

**CERTIFICATION OF
CHIEF EXECUTIVE OFFICER
OF RHINO GP LLC
PURSUANT TO 18 U.S.C. SECTION 1350**

In connection with this Quarterly Report on Form 10-Q of Rhino Resource Partners LP (the "Partnership") for the quarter ended June 30, 2017 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), Richard A. Boone, as President and Chief Executive Officer of the Partnership, hereby certifies, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes Oxley Act of 2002, that, to his knowledge:

1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Partnership.

Date: August 11, 2017

/s/ Richard A. Boone

Richard A. Boone

President, Chief Executive Officer and Director

**CERTIFICATION OF
CHIEF FINANCIAL OFFICER
OF RHINO GP LLC
PURSUANT TO 18 U.S.C. SECTION 1350**

In connection with this quarterly report on Form 10-Q of Rhino Resource Partners LP (the "Partnership") for the quarter ended June 30, 2017 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), W. Scott Morris, as Chief Financial Officer of the Partnership, hereby certifies, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes Oxley Act of 2002, that, to his knowledge:

1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Partnership.

Date: August 11, 2017

/s/ W. Scott Morris

W. Scott Morris

Vice President and Chief Financial Officer

Federal Mine Safety and Health Act Information

The Dodd-Frank Wall Street Reform and Consumer Protection Act (the “Dodd-Frank Act”) requires issuers to include in periodic reports filed with the SEC certain information relating to citations or orders for violations of standards under the Federal Mine Safety and Health Act of 1977 (the “Mine Act”). The following disclosures respond to that legislation.

Whenever MSHA believes that a violation of the Mine Act, any health or safety standard, or any regulation has occurred, it may issue a citation that describes the violation and fixes a time within which the operator must abate the violation. In these situations, MSHA typically proposes a civil penalty, or fine, as a result of the violation, that the operator is ordered to pay. In evaluating the information below regarding mine safety and health, investors should take into account factors such as: (a) the number of citations and orders will vary depending on the size of a coal mine, (b) the number of citations issued will vary from inspector to inspector and mine to mine, and (c) citations and orders can be contested and appealed, and during that process are often reduced in severity and amount, and are sometimes dismissed.

Responding to the Dodd-Frank Act legislation, we report that, for the three months ended June 30, 2017, none of our subsidiaries received written notice from MSHA of (a) a violation under section 110(b)(2) of the Mine Act for failure to make reasonable efforts to eliminate a known violation of a mandatory safety or health standard that substantially proximately caused, or reasonably could have been expected to cause, death or serious bodily injury, (b) a pattern of violations of mandatory health or safety standards under section 104(e) of the Mine Act, or (c) a violation under section 107(a) of the Mine Act for alleged conditions or practices that could reasonably be expected to cause death or serious physical harm. In addition, none of our subsidiaries suffered any mining related fatalities during the three months ended June 30, 2017.

The following table sets out information required by the Dodd-Frank Act for the three months ended June 30, 2017. The mine data retrieval system maintained by MSHA may show information that is different than what is provided herein. Any such difference may be attributed to the need to update that information on MSHA’s system and/or other factors. The table also displays pending legal actions before the Federal Mine Safety and Health Review Commission (the “Commission”) that were initiated during the three months ended June 30, 2017 as well as total pending legal actions that were pending before the Commission as of June 30, 2017, which includes the legal proceedings before the Commission as well as all contests of citations and penalty assessments which are not before an administrative law judge. All of these pending legal actions constitute challenges by us of citations issued by MSHA. Since none of our subsidiaries received notice from MSHA of a pattern of violations of mandatory health or safety standards under section 104(e) of the Mine Act, the column that would normally display this information in the table below has been omitted for ease of presentation.

For the three months ended June 30, 2017

| Company | Mine ¹ | MSHA ID | 104 (a)S & S ² | 104 (b) ³ | 104 (d) ⁴ | 107 (a) ⁵ | 110 (b) (2) ⁶ | Proposed Assessments ⁷ | Pending Legal Proceedings ⁸ | Legal Proceedings Initiated | Legal Proceedings Resolved |
|---------------------------|------------------------------|----------|---------------------------|----------------------|----------------------|----------------------|--------------------------|-----------------------------------|--|-----------------------------|----------------------------|
| Hopedale Mining LLC | Hopedale Mine | 33-00968 | 3 | 0 | 0 | 0 | 0 | \$ 348 | 0 | 0 | 1 |
| | Nelms Plant | 33-04187 | 0 | 0 | 0 | 0 | 0 | \$ 116 | 0 | 0 | 0 |
| Sands Hill Mining LLC | Big Valley Mine | 33-01358 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| | Kanawga Dock | 33-02044 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| | Clinton Stone | 33-04041 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| | Strip #2 | 33-03336 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| CAM/Deane Mining LLC | Mine #28 | 15-18911 | 1 | 0 | 0 | 0 | 0 | \$ - | 1 | 0 | 0 |
| | Three Mile Mine #1 | 15-17659 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| | Right Fork- Rob Fork Contour | 15-18977 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| | Grapevine South | 46-08930 | 19 | 2 | 0 | 0 | 0 | \$ 3,209 | 5 | 5 | 0 |
| | Remining No. 3 | 46-09345 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| | Rob Fork Processing | 15-14468 | 0 | 0 | 0 | 0 | 0 | \$ 116 | 0 | 0 | 0 |
| | Jamboree Loadout | 15-12896 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| | Mill Creek Prep Plant | 15-16577 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| | Tug Fork Plant | 46-08626 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| | Rhino Trucking | Q569 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| Rhino Eastern LLC | Rhino Reclamation Services | R134 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| | Rhino Services | S359 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| Eagle #3 | Eagle #1 | 4608758 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| | | 4609427 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| Pennyrile Energy LLC | Riveredge Mine | 15-19424 | 11 | 0 | 0 | 0 | 0 | \$ 9,584 | 3 | 1 | 1 |
| | Riveredge Surface Ops | 15-19749 | 3 | 0 | 0 | 0 | 0 | \$ 1,027 | 0 | 0 | 0 |
| McClane Canyon Mining LLC | McClane Canyon Mine | 05-03013 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| Castle Valley Mining LLC | Castle Valley Mine #3 | 42-02263 | 2 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| | Castle Valley Mine #4 | 42-02335 | 3 | 1 | 1 | 0 | 0 | \$ 2,308 | 0 | 0 | 0 |
| | Bear Canyon Loading Facility | 42-02395 | 0 | 0 | 0 | 0 | 0 | \$ - | 0 | 0 | 0 |
| Total | | | 42 | 3 | 1 | 0 | 0 | \$ 16,708 | 9 | 6 | 2 |

¹ The foregoing table does not include the following: (i) facilities which have been idle or closed unless they received a citation or order issued by MSHA; and (ii) permitted mining sites where we have not begun operations and therefore have not received any citations.

² Mine Act section 104(a) citations shown above are for alleged violations of health or safety standards that could significantly and substantially contribute to a serious injury if left unabated.

³ Mine Act section 104(b) orders are for alleged failures to totally abate a citation within the period of time specified in the citation. These orders result in an order of immediate withdrawal from the area of the mine affected by the condition until MSHA determines that the violation has been abated.

⁴ Mine Act section 104(d) citations and orders are for an alleged unwarrantable failure (i.e. aggravated conduct constituting more than ordinary negligence) to comply with a mandatory mining health or safety standard or regulation. These types of violations could significantly and substantially contribute to a serious injury; however, the conditions do not cause imminent danger.

⁵ Mine Act section 107(a) orders are for alleged conditions or practices which could reasonably be expected to cause death or serious physical harm before such condition or practice can be abated and result in orders of immediate withdrawal from the area of the mine affected by the condition.

⁶ The total number of flagrant violations issued under section 110(b)(2) of the Mine Act.

⁷ Total dollar value of MSHA assessments proposed during the three months ended June 30, 2017.

⁸ Any pending legal action before the Federal Mine Safety and Health Review Commission (the "Commission") involving a coal mine owned and operated by us. The number of legal actions pending as of June 30, 2017 that fall into each of the following categories is as follows:

(a) Contests of citations and orders: 5

(b) Contests of proposed penalties: 3

(c) Complaints for compensation under Section 111 of the Mine Act: 0

(d) Complaints of discharge, discrimination or interference under Section 105 of the Mine Act: 1

(e) Applications for temporary relief under Section 105(b)(2) of the Mine Act: 0

(f) Appeals of judges' decisions or orders to the Commission: 0
