

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

**FORM 8-K**

**CURRENT REPORT**

**Pursuant to Section 13 OR 15(d) of the Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): **March 1, 2011**

**Vanguard Natural Resources, LLC**

(Exact name of registrant as specified in its charter)

**DELAWARE**  
(State or other jurisdiction of  
incorporation)

**001-33756**  
(Commission File Number)

**61-1521161**  
(IRS Employer Identification  
No.)

**5847 San Felipe, Suite 3000**  
**Houston, Texas 77057**  
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code **(832) 327-2255**

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 2.02 Results of Operations and Financial Condition.**

On March 1, 2011, Vanguard Natural Resources, LLC (the "Company") issued a press release announcing its earnings for the quarter and year ended December 31, 2010 and its guidance for 2011. The press release is being furnished as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference.

This Form 8-K and the exhibit hereto shall be deemed "furnished" and not "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and shall not be incorporated by reference into any registration statement of the issuer.

**Item 7.01 Regulation FD Material.**

On March 1, 2011, the Company issued a press release announcing its earnings for the quarter and year ended December 31, 2010 and its guidance for 2011, a copy of which is filed as Exhibit 99.1 hereto and incorporated herein by reference.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits.

<b>EXHIBIT NUMBER</b>	<b>DESCRIPTION</b>
Exhibit 99.1	Press Release dated March 1, 2011

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**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 hereunto duly authorized.

**VANGUARD NATURAL RESOURCES, LLC**

By: /s/ Richard A. Robert  
Name: Richard A. Robert  
Title: Executive Vice President and Chief Financial Officer  
(Principal Financial Officer and Principal Accounting Officer)

March 1, 2011

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**EXHIBIT INDEX**

**EXHIBIT NUMBER**

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**DESCRIPTION**

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Exhibit 99.1

Press Release dated March 1, 2011



## NEWS RELEASE

Exhibit 99.1

### Vanguard Natural Resources Reports Record Adjusted EBITDA, Production and Proved Reserves for 2010 and Provides Positive Outlook on 2011

HOUSTON—March 1, 2011--Vanguard Natural Resources, LLC (NYSE: VNR) ("Vanguard" or "the Company") today reported financial and operational results for the full year and fourth quarter ended December 31, 2010 and provided financial and operational guidance for 2011.

Mr. Scott W. Smith, President and CEO, commented, "Vanguard achieved excellent results on all fronts in 2010. During the year we continued our record of successfully closing accretive acquisitions with the highlight being our acquisition of the general partner and 46.7% limited partner ownership position in Encore Energy Partners, LP. With this acquisition, we dramatically expanded our operating platform as we now have assets in both the Williston and Big Horn basins along with increasing our presence in the Permian Basin. From a commodity perspective, our 2010 activities increased our exposure to oil and natural gas liquids from 42% of proved reserves to 63% of proved reserves. In addition, our percentage of proved producing reserves increased from 68% to 80% of total proved reserves. The current outlook for MLP's in the capital markets is bright and we are looking forward to continuing to grow Vanguard on behalf of our unitholders."

#### Proved Reserves

Total proved oil and natural gas reserves at December 31, 2010 were 69.3 million barrels of oil equivalent, consisting of 43.6 million barrels of crude oil, condensate, and natural gas liquids and 153.9 billion cubic feet of natural gas. As a result of our December 31, 2010 acquisition of all of the member interest in Encore Energy Partners GP LLC, the general partner of Encore Energy Partners LP (NYSE: ENP) ("Encore") and 20,924,055 common units representing limited partnership interests in Encore, the Vanguard reported proved reserve quantities and values reflect Vanguard's and Encore's proved reserves and values on a consolidated basis which includes the proved reserves attributable to the approximate 53.3% ownership interest that Vanguard does not own (the "non-controlling interest") in Encore. Proved reserves were calculated utilizing 12-month average prices during 2010, or \$79.40 per Bbl of oil and \$4.38 per Mcf of natural gas as compared to \$61.04 per Bbl of oil and \$3.87 per Mcf of natural gas for 2009.

Using 2010 average prices, the estimated discounted net present value of Vanguard's proved oil and natural gas reserves, before projected income taxes, using a 10 percent per annum discount rate ("PV-10 Value") was approximately \$1.1 billion (including \$375.0 million of PV-10 Value attributable to the non-controlling interest) at December 31, 2010, as compared to a PV-10 Value of approximately \$179 million at December 31, 2009.

At December 31, 2010, oil, condensate, and natural gas liquids reserves accounted for 63 percent of total proved reserves, and 80 percent of total proved reserves are developed. The following table summarizes the changes in proved reserves:

	MBOE
Reserves at December 31, 2009	23,821
Purchases of minerals-in-place	45,870
Extensions and discoveries	30
Revisions of previous estimates	1,289
Production	(1,724)
Reserves at December 31, 2010 (1)	<u>69,286</u>

(1) – includes 21,892 MBOE of reserves attributable to the non-controlling interest

Vanguard's proved reserve estimates for all of its properties were prepared by independent petroleum engineers from DeGolyer and McNaughton.

**Full Year 2010 Highlights:**

- Achieved Adjusted EBITDA (a non-GAAP financial measure defined below) of \$80.4 million, up 43% over \$56.2 million in 2009.
- Generated Distributable Cash Flow (a non-GAAP financial measure defined below) of \$57.5 million, representing a 28% increase over the \$45.1 million generated in 2009.
- Reported average daily production of 4,721 barrels of oil equivalent (“BOE”) per day, up 42% over the average of 3,335 BOE/day reported in 2009.
- Reported net income of \$21.9 million as compared to a net loss of \$95.7 million for 2009. However, both years included non-recurring and/or non-cash charges. Excluding the impact of these charges, our Adjusted Net Income (a non-GAAP financial measure defined below) was \$45.8 million in 2010 compared to \$26.1 million in 2009, representing an increase of 75%.

**Fourth Quarter 2010 Highlights:**

- Generated Adjusted EBITDA (a non-GAAP financial measure defined below) of \$20.6 million, up 40% over \$14.7 million in the fourth quarter of 2009 and essentially the same as was earned in the third quarter of 2010.
- Generated Distributable Cash Flow (a non-GAAP financial measure defined below) of \$16.9 million, representing a 56% increase over the \$10.8 million generated in the fourth quarter of 2009.
- Reported average production of 4,884 BOE/day, up 21% over 4,021 BOE/day produced in the fourth quarter of 2009 but down 4% over third quarter 2010 average volumes.
- Recorded a net loss of \$5.6 million compared to net loss of \$39.7 million in the 2009 fourth quarter. However, both years included non-recurring and/or non-cash charges. Excluding the impact of these charges, our Adjusted Net Income was \$11.8 million in the fourth quarter of 2010 as compared to Adjusted Net Income of \$5.1 million in the fourth quarter of 2009, representing an increase of 134%.

**Liquidity Update**

At December 31, 2010, Vanguard had \$176.5 million outstanding under its revolving credit facility and \$48.5 million of remaining availability on its \$225 million revolving credit facility. At December 31, 2010, Encore had \$234 million outstanding under its revolving credit facility and \$141 million of remaining availability on its \$375 million revolving credit facility.

**Cash Distributions**

On February 14, 2011, the Company paid its 2010 fourth-quarter cash distribution of \$0.56 per unit to its unit holders of record. This quarterly distribution payment was an increase of \$0.01 per unit over the amount distributed for the third quarter of 2010 and represented an increase of \$0.135 per unit, or a 32% increase from the \$0.425 distribution initially set when our initial public offering was completed on October 29, 2007.

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## 2011 Outlook

### Overview

Vanguard has prepared this information to provide public disclosure of certain financial and operating estimates in order to permit the preparation of models to forecast our operating results for the year ending December 31, 2011. These estimates are based on information available to us as of the date of this filing, and actual results may vary materially from these estimates. We do not undertake any obligation to update these estimates as conditions change or as additional information becomes available.

The estimates provided in this document are based on assumptions that we believe are reasonable. Until our actual results of operations have been compiled and released, all of the estimates and assumptions set forth herein constitute “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. All statements, other than statements of historical facts, included in this document that address activities, events or developments that we expect, project, believe or anticipate will or may occur in the future, or may have occurred through the date of this filing, including such matters as production of oil and gas, product prices, oil and gas reserves, drilling and completion results, capital expenditures and other such matters, are forward-looking statements. Such forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause our actual results, performance, or achievements to be materially different from the results, performance, or achievements expressed or implied by such forward-looking statements. Such factors include, among others, the following: the volatility of oil and natural gas prices, the unpredictable nature of our drilling results; the reliance upon estimates of proved reserves; operating hazards and uninsured risks; competition; government regulation; and other factors referenced in filings made by us with the Securities and Exchange Commission.

As a matter of policy, we generally do not attempt to provide guidance on:

- (a) production which may be obtained through future drilling;
- (b) dry hole and abandonment costs that may result from future drilling;
- (c) the unrealized effects of ASC Topic 815 “Derivatives and Hedging”;
- (d) cash or stock bonuses to be paid in the future;
- (e) gains or losses from purchases or sales of property and equipment unless the purchase or sale has been consummated prior to the filing of the financial guidance; and
- (f) capital expenditures related to acquisitions of proved properties until the expenditures are estimable and likely to occur.

Therefore, the potential impacts of these items are not included in the guidance provided below.

### Summary of Estimates

The following table sets forth certain estimates being used by us to model our anticipated results of operations for the fiscal year ending December 31, 2011 based on an average crude oil WTI Sweet price of \$93.51 per barrel, an average natural gas NYMEX price of \$4.27 per MMBtu, and an average composite natural gas liquids (“NGL”) price of \$42.00 per barrel for 2011. These estimates do not include any acquisitions of additional oil or natural gas properties.

When a single value is provided in the tables below, such value represents the mid-point of the approximate range of estimates. Otherwise, each range of values provided represents the expected low and high estimates for such financial or operating factor.

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Based on the factors explained above and including the contribution from our investment in Encore, we expect the following for 2011 (a):

Average daily production volumes	12,500 to 13,200 BOE/day
Percentage oil, natural gas and natural gas liquids production	58%, 35% and 7% respectively
Lease operating expense	\$12.85 to \$13.50 per BOE
G&A expenses	\$3.00 to \$3.30 per BOE
Production taxes	8.8% of wellhead revenues
Adjusted EBITDA	\$140 to \$147 million
Drilling, recompletions and other capital expenditures	\$27.0 to \$28.5 million

(a) Includes activity applicable to the non-controlling interest of approximately 53.3% in Encore Energy Partners LP.

Vanguard employs a fixed rate distribution policy whereby we set our distribution at a level that we feel is sustainable for the foreseeable future. Under the terms of our limited liability company agreement, the amount of cash otherwise available for distribution will be reduced by our operating expenses and the amount of any cash reserve amounts that our board of directors establishes to provide for future operations, future capital expenditures, and future debt service requirements. Our current strategy is to spend sufficient capital on drilling, recompletions and other capital expenditures each year to maintain the cash flow of Vanguard.

Absent an accretive acquisition and based on the guidance provided above, the anticipated coverage ratio for 2011 is in the range of 1.40x – 1.45x based on the current distribution rate of \$0.56 per unit per quarter (\$2.24 annualized). As there can be significant fluctuations in distributable cash flow from quarter to quarter primarily based on the timing of capital expenditures, we expect that the distribution coverage will vary significantly from quarter to quarter. The limited liability company agreement provides the board of directors wide latitude to establish reserves for future capital expenditures and operational needs prior to determining the amount of cash available for distribution.

#### Conference Call Information

Vanguard will host a conference call today (March 1, 2011) to discuss its 2010 full year and fourth quarter results and 2011 outlook at 11:00 a.m. Eastern Time (10:00 a.m. Central). To access the call, please dial (877) 941-8632 or (480) 629-9820 for international callers and ask for the “Vanguard Natural Resources Earnings Call.” The conference call will also be broadcast live via the Internet and can be accessed through the Investor Relations section of Vanguard’s corporate website, <http://www.vnrllc.com>.

A telephonic replay of the conference call will be available until April 3, 2011 and may be accessed by calling (303) 590-3030 and using the pass code 4407127#. A webcast archive will be available on the Investor Relations page at [www.vnrllc.com](http://www.vnrllc.com) shortly after the call and will be accessible for approximately 30 days. For more information, please contact Lisa Godfrey at (832) 327-2234 or email at [lgodfrey@vnrllc.com](mailto:lgodfrey@vnrllc.com).

#### About Vanguard Natural Resources, LLC

Vanguard Natural Resources, LLC is a publicly traded limited liability company focused on the acquisition, production and development of oil and natural gas properties. Vanguard's assets consist primarily of producing and non-producing oil and natural gas reserves located in the southern portion of the Appalachian Basin, the Permian Basin, South Texas and Mississippi. In addition, Vanguard owns 100% of the general partner of Encore Energy Partners LP (NYSE: ENP) and approximately 46.7% of the outstanding common units of Encore. Encore has oil and natural gas properties currently located in the Big Horn Basin in Wyoming and Montana, the Williston Basin in North Dakota and Montana, the Permian Basin in West Texas and New Mexico, and the Arkoma Basin in Arkansas and Oklahoma. More information on Encore can be found at [www.encoreenp.com](http://www.encoreenp.com). More information on Vanguard can be found at [www.vnrllc.com](http://www.vnrllc.com).

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## Forward-Looking Statements

This press release includes "forward-looking statements" within the meaning of the federal securities laws. All statements, other than statements of historical facts, included in this press release that address activities, events or developments that the Company expects, believes or anticipates will or may occur in the future are forward-looking statements. These statements include but are not limited to statements about the acquisition announced in this press release. These statements are based on certain assumptions made by the Company based on management's experience and perception of historical trends, current conditions, anticipated future developments and other factors believed to be appropriate. Such statements are subject to a number of assumptions, risks and uncertainties, many of which are beyond the control of the Company, which may cause actual results to differ materially from those implied or expressed by the forward-looking statements. These include risks relating to financial performance and results, availability of sufficient cash flow to pay distributions and execute our business plan, prices and demand for oil, natural gas and natural gas liquids, our ability to replace reserves and efficiently develop our current reserves and other important factors that could cause actual results to differ materially from those projected as described in the Company's reports filed with the Securities and Exchange Commission. Please see "Risk Factors" in the Company's public filings.

Any forward-looking statement speaks only as of the date on which such statement is made and the Company undertakes no obligation to publicly correct or update any forward-looking statement, whether as a result of new information, future events or otherwise.

	Three Months Ended December 31,		Year Ended December 31,	
	2010 (a)	2009	2010 (a)	2009
<b>Net Natural Gas Production:</b>				
Appalachian gas (MMcf)	726	731	2,924	3,103
Permian gas (MMcf)	102	72(c)	381	225(c)
South Texas gas (MMcf)	398	451(d)	1,685(d)	1,214(b)(d)
<b>Total natural gas production (MMcf)</b>	<b>1,226</b>	<b>1,254</b>	<b>4,990</b>	<b>4,542</b>
Average Appalachian daily gas production (Mcf/day)				
	7,892	7,944	8,010	8,502
Average Permian daily gas production (Mcf/day)				
	1,106	783(c)	1,044	616(c)
Average South Texas daily gas production (Mcf/day)				
	4,330	4,902(d)	4,618(d)	3,326(b)(d)
<b>Average Vanguard daily gas production (Mcf/day)</b>	<b>13,328</b>	<b>13,629</b>	<b>13,672</b>	<b>12,444</b>
<b>Average Natural Gas Sales Price per Mcf:</b>				
Net realized gas price, including hedges	\$9.90(e)	\$11.21(e)	\$9.91(e)	\$11.15(e)
Net realized gas price, excluding hedges	\$4.47	\$5.16	\$5.17	\$4.84
<b>Net Oil Production:</b>				
Appalachian oil (Bbls)	26,083	30,565	115,384	93,713
Permian oil (Bbls)	107,163	67,126(c)	398,728	242,301(c)
South Texas oil (Bbls)	3,875	6,961(d)	19,668(d)	9,386(b)(d)
Mississippi oil (Bbls)	58,181	—(d)	148,667(d)	—(d)
<b>Total oil production (Bbls)</b>	<b>195,302</b>	<b>104,652</b>	<b>682,447</b>	<b>345,400</b>
Average Appalachian daily oil production (Bbls/day)				
	284	332	316	257
Average Permian daily oil production (Bbls/day)				
	1,164	729(c)	1,093	664(c)
Average South Texas daily oil production (Bbls/day)				
	43	76(d)	54(d)	26(b)(d)
Average Mississippi daily oil production (Bbls/day)				
	632	—(d)	407(d)	—(d)
<b>Average Vanguard daily oil production (Bbls/day)</b>	<b>2,123</b>	<b>1,137</b>	<b>1,870</b>	<b>947</b>
<b>Average Oil Sales Price per Bbl:</b>				
Net realized oil price, including hedges	\$77.63(e)	\$ 79.69(e)	\$76.53(e)	\$75.26(e)
Net realized oil price, excluding hedges	\$77.92	\$ 69.95	\$73.30	\$57.73
<b>Net Natural Gas Liquids Production:</b>				
Permian natural gas liquids (Gal)	428,123	114,404(c)	1,510,160	454,940(c)
South Texas natural gas liquids (Gal)	1,667,132	2,248,901	7,290,129	4,366,016(b)
<b>Total natural gas liquids production (Gal)</b>	<b>2,095,255</b>	<b>2,363,305</b>	<b>8,800,289</b>	<b>4,820,956</b>
Average Permian daily natural gas liquids				

production (Gal/day)	4,653	1,243(c)	4,138	1,247(c)
Average South Texas daily natural gas liquids production (Gal/day)	18,121	24,444	19,973	11,961(b)
<b>Average Vanguard daily natural gas liquids production (Gal/day)</b>	<b>22,774</b>	<b>25,687</b>	<b>24,111</b>	<b>13,208</b>
Average Natural Gas Liquids Sales Price per Gal:				
Net realized natural gas liquids price	\$1.18	\$0.98	\$1.09	\$0.86

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- (a) Excludes production results for the oil and natural gas properties acquired in the Encore Acquisition at December 31, 2010.
- (b) Includes production from Dos Hermanos and Sun TSH acquisitions. The Sun TSH acquisition closed on August 17, 2009 and, as such, only approximately four and one half months of operations are included in the year ended December 31, 2009. The average daily production above is calculated based on the total number of days in the reported period regardless of how many days an acquisition contributed production in the reported period. The average daily production for the South Texas area, calculated using the actual number of days for the Sun TSH acquisition from the closing date to the end of the reported period, was 5,197 Mcf/day of natural gas, 69 Bbls/day of oil and 23,770 Gal/day of natural gas liquids during 2009.
- (c) Includes production from the Permian Basin and Ward County acquisitions. The Ward County acquisition closed on December 2, 2009 and, as such, only approximately one month of operations is included in the year ended December 31, 2009. The average daily production above is calculated based on the total number of days in the reported period regardless of how many days an acquisition contributed production in the reported period. The average daily production for the Permian area, calculated using the actual number of days for the Ward County acquisition from the closing date to the end of the reported period, was 899 Mcf/day of natural gas, 1,040 Bbls/day of oil and 4,294 Gal/day of natural gas liquids during 2009.
- (d) South Texas area includes production from the Dos Hermanos, Sun TSH and a portion of the Parker Creek acquisitions. The Parker Creek acquisition closed on May 20, 2010 and, as such, only seven months and eleven days of operations are included in the year ended December 31, 2010, and no operations are included in the year ended December 31, 2009. The average daily production above is calculated based on the total number of days in the reported period regardless of how many days an acquisition contributed production in the reported period. The average daily production for the South Texas area, calculated using the actual number of days for the Parker Creek acquisition from the closing date to the end of the reported period, was 4,663 Mcf/day of natural gas, 60 Bbls/day of oil and 20,006 Gal/day of natural gas liquids during 2010. The average daily production for the Mississippi area, calculated using the actual number of days for the Parker Creek acquisition from the closing date to the end of the reported period, was 26 Mcf/day of natural gas and 607 Bbls/day of oil during 2010.
- (e) Excludes amortization of premiums paid and amortization of value on derivative contracts acquired.

**VANGUARD NATURAL RESOURCES, LLC AND SUBSIDIARIES**  
**CONSOLIDATED STATEMENTS OF OPERATIONS**  
(in thousands, except per unit data)  
(Unaudited)

	Three Months Ended		Year Ended	
	December 31,		December 31,	
	2010	2009 (a)	2010 (c)	2009 (a)(b)
<b>Revenues:</b>				
Oil, natural gas and natural gas liquids sales	\$ 23,157	\$ 16,105	\$ 85,357	\$ 46,035
Loss on commodity cash flow hedges	(705)	(643)	(2,832)	(2,380)
Realized gain on other commodity derivative contracts	6,500	6,199	24,774	29,993
Unrealized loss on other commodity derivative contracts	(15,477)	(2,551)	(14,145)	(19,043)
<b>Total revenues</b>	<u>13,475</u>	<u>19,110</u>	<u>93,154</u>	<u>54,605</u>
<b>Costs and expenses:</b>				
Lease operating expenses	4,926	3,419	18,471	12,652
Depreciation, depletion, amortization, and accretion	6,101	4,910	22,231	14,610
Impairment of natural gas and oil properties	—	46,336	—	110,154
Selling, general and administrative expenses	6,496	2,414	10,134	10,644
Production and other taxes	1,625	1,308	6,840	3,845
<b>Total costs and expenses</b>	<u>19,148</u>	<u>58,387</u>	<u>57,676</u>	<u>151,905</u>
<b>Income (loss) from operations</b>	<u>(5,673)</u>	<u>(39,277)</u>	<u>35,478</u>	<u>(97,300)</u>
<b>Other income and (expense):</b>				
Interest income	1	—	1	—
Interest expense	(1,244)	(1,242)	(5,766)	(4,276)
Realized loss on interest rate derivative contracts	(391)	(663)	(1,799)	(1,903)
Gain (loss) on acquisition of natural gas and oil properties	—	1,103	(5,680)	6,981
Unrealized gain (loss) on interest rate				

Unrealized gain (loss) on interest rate derivative contracts	1,672	376	(349)	763
<b>Total other income (expense)</b>	<u>38</u>	<u>(426)</u>	<u>(13,593)</u>	<u>1,565</u>
<b>Net income (loss)</b>	<u>\$ (5,635)</u>	<u>\$ (39,703)</u>	<u>\$ 21,885</u>	<u>\$ (95,735)</u>
<b>Net income (loss) per unit:</b>				
Common & Class B units – basic & diluted	<u>\$ (0.21)</u>	<u>\$ (2.31)</u>	<u>\$ 1.00</u>	<u>\$ (6.74)</u>
<b>Weighted average units outstanding:</b>				
Common units – basic & diluted	<u>25,840</u>	<u>16,790</u>	<u>21,500</u>	<u>13,791</u>
Class B units – basic & diluted	<u>420</u>	<u>420</u>	<u>420</u>	<u>420</u>

- (a) The Ward County acquisition closed on December 2, 2009 and, as such, only one month of operations is included in the three months and year ended December 31, 2009.
- (b) The Sun TSH acquisition closed on August 17, 2009 and, as such, only approximately four and one half months of operations are included in the year ended December 31, 2009.
- (c) The Parker Creek acquisition closed on May 20, 2010 and, as such, only seven months and eleven days of operations are included in the year ended December 31, 2010.
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**VANGUARD NATURAL RESOURCES, LLC AND SUBSIDIARIES**  
**CONSOLIDATED BALANCE SHEETS**  
(in thousands)  
(Unaudited)

	<u>December 31, 2010</u>	<u>December 31, 2009</u>
<b>Assets</b>		
<b>Current assets</b>		
Cash and cash equivalents	\$ 1,828	\$ 487
Trade accounts receivable, net	32,664	8,025
Derivative assets	24,115	16,190
Other receivables	1,614	2,224
Other current assets	1,474	1,317
<b>Total current assets</b>	<u>61,695</u>	<u>28,243</u>
Oil and natural gas properties, at cost	1,312,107	399,212
Accumulated depletion, amortization and accretion	(248,704)	(226,687)
<b>Oil and natural gas properties evaluated, net – full cost method</b>	<u>1,063,403</u>	<u>172,525</u>
<b>Other assets</b>		
Derivative assets	6,129	5,225
Deferred financing costs	5,649	3,298
Goodwill	420,955	—
Other intangible assets	9,017	—
Other assets	1,903	1,409
<b>Total assets</b>	<u>\$1,568,751</u>	<u>\$ 210,700</u>
<b>Liabilities and members' equity</b>		
<b>Current liabilities</b>		
Accounts payable – trade	\$ 2,250	\$ 766
Accounts payable – oil and natural gas	11,340	2,299
Payables to affiliates	668	1,387
Deferred swap premium liability	1,739	1,334
Derivative liabilities	13,801	253
Phantom unit compensation accrual	179	4,299
Accrued ad valorem taxes	9,019	903
Accrued expenses	10,383	1,178
Term Loan	175,000	—
<b>Total current liabilities</b>	<u>224,379</u>	<u>12,419</u>
Long-term debt	410,500	129,800
Derivative liabilities	35,034	2,036
Deferred swap premium liability	—	1,739
Asset retirement obligations	29,434	4,420
Other long term liabilities	11	—
<b>Total liabilities</b>	<u>699,358</u>	<u>150,414</u>
<b>Commitments and contingencies</b>		
<b>Members' equity</b>		
Members' capital, 29,666,039 and 18,416,173 common units issued and outstanding at December 31, 2010 and 2009	318,597	59,873
Class B units, 420,000 issued and outstanding at December 31, 2010 and 2009	5,166	5,930
Accumulated other comprehensive loss	(3,032)	(5,517)
<b>Total VNR members' equity</b>	<u>320,731</u>	<u>60,286</u>
Non-controlling interest	548,662	—
<b>Total members' equity</b>	<u>869,393</u>	<u>60,286</u>
<b>Total liabilities and members' equity</b>	<u>\$1,568,751</u>	<u>\$ 210,700</u>

## Use of Non-GAAP Measures

### *Adjusted EBITDA*

We present Adjusted EBITDA in addition to our reported net income (loss) in accordance with GAAP. Adjusted EBITDA is a non-GAAP financial measure that is defined as net income (loss) plus:

- Net interest expense, including write-off of deferred financing fees and realized gains and losses on interest rate derivative contracts;
- Depreciation, depletion, and amortization (including accretion of asset retirement obligations);
- Impairment of natural gas and oil properties;
- Amortization of premiums paid on derivative contracts;
- Amortization of value on derivative contracts acquired;
- Unrealized gains and losses on other commodity and interest rate derivative contracts;
- Gains and losses on acquisitions of natural gas and oil properties;
- Deferred taxes;
- Unit-based compensation expense; and
- Material transaction costs incurred on acquisitions.

Adjusted EBITDA is used by management as a tool to measure (prior to the establishment of any cash reserves by our board of directors, debt service and capital expenditures) the cash distributions we could pay our unitholders. Specifically, this financial measure indicates to investors whether or not we are generating cash flow at a level that can sustain or support an increase in our quarterly distribution rates. Adjusted EBITDA is also used as a quantitative standard by our management and by external users of our financial statements such as investors, research analysts and others to assess the financial performance of our assets without regard to financing methods, capital structure or historical cost basis; the ability of our assets to generate cash sufficient to pay interest costs and support our indebtedness; and our operating performance and return on capital as compared to those of other companies in our industry. Adjusted EBITDA is not intended to represent cash flows for the period, nor is it presented as a substitute for net income, operating income, cash flows from operating activities or any other measure of financial performance or liquidity presented in accordance with GAAP.

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### ***Distributable Cash Flow***

We present Distributable Cash Flow in addition to our reported net income (loss) in accordance with GAAP. Distributable Cash Flow is a non-GAAP financial measure that is defined as net income (loss) plus:

- Depreciation, depletion, and amortization (including accretion of asset retirement obligations);
- Impairment of natural gas and oil properties;
- Amortization of premiums paid on derivative contracts;
- Amortization of value on derivative contracts acquired;
- Unrealized gains and losses on other commodity and interest rate derivative contracts;
- Gains and losses on acquisitions of natural gas and oil properties;
- Deferred taxes;
- Unit-based compensation expense; and
- Material transaction costs incurred on acquisitions;

Less:

- Drilling, capital workover and recompletion expenditures.

Distributable Cash Flow is used by management as a tool to measure (prior to the establishment of any cash reserves by our board of directors) the cash distributions we could pay our unitholders. Specifically, this financial measure indicates to investors whether or not we are generating cash flow at a level that can sustain or support an increase in our quarterly distribution rates. While Distributable Cash Flow is measured on a quarterly basis for reporting purposes, management must consider the timing and size of its planned capital expenditures in determining the sustainability of its quarterly distribution. Capital expenditures are typically not spent evenly throughout the year due to a variety of factors including weather, rig availability, and the commodity price environment. As a result, there will be some volatility in Distributable Cash Flow measured on a quarterly basis. Distributable Cash Flow is not intended to be a substitute for net income, operating income, cash flows from operating activities or any other measure of financial performance or liquidity presented in accordance with GAAP.

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**VANGUARD NATURAL RESOURCES, LLC**  
**Reconciliation of Net Income (Loss) to Adjusted EBITDA (a) and Distributable Cash Flow**  
(Unaudited)  
(in thousands)

	<b>Three Months Ended</b>		<b>Year Ended</b>	
	<b>December 31,</b>		<b>December 31,</b>	
	<b>2010</b>	<b>2009 (b)</b>	<b>2010 (d)</b>	<b>2009 (b)(c)</b>
<b>Net income (loss)</b>	\$ (5,635)	\$ (39,703)	\$ 21,885	\$ (95,735)
Plus:				
Interest expense, including realized losses on interest rate derivative contracts	1,635	1,905	7,565	6,179
Depreciation, depletion, amortization, and accretion	6,101	4,910	22,231	14,610
Impairment of natural gas and oil properties	-	46,336	-	110,154
Amortization of premiums paid on derivative contracts	471	826	1,950	3,502
Amortization of value on derivative contracts acquired	338	1,912	1,995	3,619
Unrealized losses on other commodity and interest rate derivative contracts	13,805	2,175	14,494	18,280
Gain (loss) on acquisition of natural gas and oil properties	-	(1,103)	5,680	(6,981)
Deferred taxes	25	(98)	(12)	(302)
Unit-based compensation expense	191	172	847	2,483
Unrealized fair value of phantom units granted to officers	76	1,265	179	4,299
Cash settlement of phantom units granted to officers	-	(3,906)	-	(3,906)
Material transaction costs incurred on acquisitions	3,583	-	3,583	-
Less:				
Interest income	1	-	1	-
<b>Adjusted EBITDA</b>	<b>\$ 20,589</b>	<b>\$ 14,691</b>	<b>\$ 80,396</b>	<b>\$ 56,202</b>
Less:				
Interest expense, net	1,635	1,905	7,565	6,179
Drilling, capital workover and recompletion expenditures	2,071	1,980	15,291	4,960
<b>Distributable Cash Flow</b>	<b>\$ 16,883</b>	<b>\$ 10,806</b>	<b>\$ 57,540</b>	<b>\$ 45,063</b>

- (a) Our Adjusted EBITDA should not be considered as an alternative to net income, operating income, cash flows from operating activities or any other measure of financial performance or liquidity presented in accordance with GAAP. Our Adjusted EBITDA excludes some, but not all, items that affect net income and operating income and these measures may vary among other companies. Therefore, our Adjusted EBITDA may not be comparable to similarly titled measures of other companies.
- (b) The Ward County acquisition closed on December 2, 2009 and, as such, only one month of operations is included in the three months and year ended December 31, 2009.
- (c) The Sun TSH acquisition closed on August 17, 2009 and, as such, only approximately four and one half months of operations are included in the year ended December 31, 2009.
- (d) The Parker Creek acquisition closed on May 20, 2010 and, as such, only seven months and eleven days of operations are included in the year ended December 31, 2010.



## Adjusted Net Income

We present Adjusted Net Income in addition to our reported net income (loss) in accordance with GAAP. Adjusted Net Income is a non-GAAP financial measure that is defined as net income (loss) plus:

- Unrealized gains and losses on other commodity derivative contracts;
- Unrealized gains and losses on interest rate derivative contracts;
- Unrealized fair value of phantom units granted to officers;
- Impairment of natural gas and oil properties;
- Gains and losses on acquisitions of natural gas and oil properties; and
- Material transaction costs incurred on acquisitions.

This information is provided because management believes exclusion of the impact of our unrealized derivatives not accounted for as cash flow hedges, non-cash gains on the acquisition of natural gas and oil properties and non-cash ceiling test impairment charges will help investors compare results between periods and identify operating trends that could otherwise be masked by these items. In addition, this measure removes the non-cash impact that commodity price and interest rate volatility generates on our GAAP results. Adjusted Net Income is not intended to represent cash flows for the period, nor is it presented as a substitute for net income, operating income, cash flows from operating activities or any other measure of financial performance or liquidity presented in accordance with GAAP.

### VANGUARD NATURAL RESOURCES, LLC Reconciliation of Net Income (Loss) to Adjusted Net Income (in thousands, except per unit data) (Unaudited)

	Three Months Ended December 31,		Year Ended December 31,	
	2010	2009	2010	2009
<b>Net income (loss)</b>	\$ (5,635)	\$ (39,703)	\$ 21,885	\$ (95,735)
Plus:				
Unrealized loss on other commodity derivative contracts	15,477	2,551	14,145	19,043
Unrealized (gain) loss on interest rate derivative contracts	(1,672)	(376)	349	(763)
Fair value of phantom units granted to officers	76	1,265	179	4,299
Cash settlement of phantom units granted to officers	-	(3,906)	-	(3,906)
Impairment of natural gas and oil properties	-	46,336	-	110,154
(Gain) loss on acquisition of natural gas and oil properties...	-	(1,103)	5,680	(6,981)
Material transaction costs incurred on acquisitions	3,583	-	3,583	-
<b>Total adjustments</b>	<u>17,464</u>	<u>44,767</u>	<u>23,936</u>	<u>121,846</u>
<b>Adjusted Net Income</b>	<u>\$ 11,829</u>	<u>\$ 5,064</u>	<u>\$ 45,821</u>	<u>\$ 26,111</u>
<b>Basic and diluted net income (loss) per unit:</b>	\$ (0.21)	\$ (2.31)	\$ 1.00	\$ (6.74)
Plus:				
Unrealized loss on other commodity derivative contracts	0.59	0.15	0.64	1.34
Unrealized (gain) loss on interest rate derivative contracts	(0.06)	(0.02)	0.02	(0.05)
Fair value of phantom units granted to officers	-	0.07	0.01	0.30
Cash settlement of phantom units granted to officers	-	(0.23)	-	(0.27)
Impairment of natural gas and oil properties	-	2.69	-	7.75

(Gain) loss on acquisition of natural gas and oil properties	-	(0.06)	0.26	(0.49)
Material transaction costs incurred on acquisitions	<u>0.13</u>	<u>-</u>	<u>0.16</u>	<u>-</u>
<b>Basic and diluted adjusted net income per unit:</b>	<u>\$ 0.45</u>	<u>\$ 0.29</u>	<u>\$ 2.09</u>	<u>\$ 1.84</u>

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## Hedging Activities

We enter into derivative transactions in the form of hedging contracts to reduce the impact of natural gas and oil price volatility on our cash flow from operations. These activities are intended to support our realized commodity prices at targeted levels and to manage our exposure to oil and natural gas price fluctuations. Currently, we use fixed-price swaps, swaptions, puts and NYMEX collars to hedge natural gas and oil prices.

The following table summarizes commodity derivative contracts in place at February 18, 2011:

	<u>Year 2011</u>	<u>Year 2012</u>	<u>Year 2013</u>	<u>Year 2014</u>
<b>Gas Positions:</b>				
<b>Fixed Price Swaps:</b>				
VNR				
Notional Volume (MMBtu)	3,328,312	—	—	—
Fixed Price (\$/MMBtu)	\$ 7.83	\$ —	\$ —	\$ —
ENP				
Notional Volume (MMBtu)	3,723,730	3,367,932	2,993,000	—
Fixed Price (\$/MMBtu)	\$ 6.06	\$ 5.75	\$ 5.10	\$ —
Consolidated				
Notional Volume (MMBtu)	7,052,042	3,367,932	2,993,000	—
Fixed Price (\$/MMBtu)	\$ 6.89	\$ 5.75	\$ 5.10	\$ —
<b>Collars:</b>				
VNR				
Notional Volume (MMBtu)	1,933,500	—	—	—
Floor Price (\$/MMBtu)	\$ 7.34	\$ —	\$ —	\$ —
Ceiling Price (\$/MMBtu)	\$ 8.44	\$ —	\$ —	\$ —
<b>Puts:</b>				
ENP				
Notional Volume (MMBtu)	1,240,270	328,668	—	—
Fixed Price (\$/MMBtu)	\$ 6.31	\$ 6.76	\$ —	\$ —
<b>Total Gas Positions:</b>				
VNR				
Notional Volume (MMBtu)	5,261,812	—	—	—
ENP				
Notional Volume (MMBtu)	4,964,000	3,696,600	2,993,000	—
Consolidated				
Notional Volume (MMBtu)	10,225,812	3,696,600	2,993,000	—
	<u>Year 2011</u>	<u>Year 2012</u>	<u>Year 2013</u>	<u>Year 2014</u>
<b>Oil Positions:</b>				
<b>Fixed Price Swaps:</b>				
VNR				
Notional Volume (Bbls)	443,250	347,700	296,400	209,875
Fixed Price (\$/Bbl)	\$ 87.94	\$ 90.03	\$ 89.84	\$ 94.37
ENP				
Notional Volume (Bbls)	523,775	945,350	1,295,750	1,168,000
Fixed Price (\$/Bbl)	\$ 81.62	\$ 83.29	\$ 88.95	\$ 88.95
Consolidated				
Notional Volume (Bbls)	967,025	1,293,050	1,592,150	1,377,875
Fixed Price (\$/Bbl)	\$ 83.36	\$ 84.19	\$ 89.11	\$ 89.78
<b>Collars:</b>				
VNR				
Notional Volume (Bbls)	—	45,750	45,625	—
Floor Price (\$/Bbl)	\$ —	\$ 80.00	\$ 80.00	\$ —
Ceiling Price (\$/Bbl)	\$ —	\$ 100.25	\$ 100.25	\$ —
ENP				
Notional Volume (Bbls)	686,200	474,500	—	—
Floor Price (\$/Bbl)	\$ 80.00	\$ 74.23	\$ —	\$ —
Ceiling Price (\$/Bbl)	\$ 96.48	\$ 90.98	\$ —	\$ —
Consolidated				
Notional Volume (Bbls)	686,200	520,250	45,625	—
Floor Price (\$/Bbl)	\$ 80.00	\$ 74.74	\$ 80.00	\$ —
Ceiling Price (\$/Bbl)	\$ 96.48	\$ 91.80	\$ 100.25	\$ —
<b>Total Oil Positions:</b>				
VNR				
Notional Volume (Bbls)	443,250	393,450	342,025	209,875

<b>ENP</b>				
Notional Volume (Bbls)	1,209,975	1,419,850	1,295,750	1,168,000
<b>Consolidated</b>				
Notional Volume (Bbls)	1,653,225	1,817,190	1,637,775	1,377,875

Calls were sold or options provided to counterparties under swaption agreements to extend the swaps into subsequent years as follows:

	<u>Year</u> <b>2012</b>	<u>Year</u> <b>2013</b>	<u>Year</u> <b>2014</b>	<u>Year</u> <b>2015</b>
Swaptions:				
VNR				
Notional Volume (Bbls)	45,750	32,100	127,750	292,000
Weighted Average Fixed Price (\$/Bbl)	\$ 90.40	\$ 95.00	\$ 95.00	\$ 95.63

At December 31, 2010, based on Vanguard's and Encore's current drilling plans, approximately 84% of our consolidated 2011 natural gas production (including natural gas liquids) is hedged at a weighted average floor price of approximately \$6.91 per MMBtu and approximately 83% of our expected 2011 crude oil production is hedged at a weighted average floor price of approximately \$78.01 per barrel. However, after consideration of additional hedging transactions entered into in 2011, approximately 60% of our expected 2011 crude oil production is hedged at a weighted average floor price of \$82.64.

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**SOURCE: Vanguard Natural Resources, LLC**

CONTACT: Vanguard Natural Resources, LLC

Investor Relations

Lisa Godfrey, 832-327-2234

[investorrelations@vnrllc.com](mailto:investorrelations@vnrllc.com)

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