### POWELL INDUSTRIES INC

Form 4 May 13, 2008

# FORM 4

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

OMB 3235-0287

**OMB APPROVAL** 

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** 

Number: January 31, Expires: 2005

0.5

Section 16. Form 4 or Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

Estimated average burden hours per response...

See Instruction 1(b).

(Print or Type Responses)

1. Name and Ac SEALE STE		_	2. Issuer Name and Ticker or Trading Symbol POWELL INDUSTRIES INC [POWL]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)
(Last) PO BOX 790	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 05/09/2008	_X_ Director 10% Owner Officer (give title Other (specify below)
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person
LAVERNIA, TX 78121-0790		-0790		Form filed by More than One Reporting Person

(State)

(Zip)

(City)

	(City)	(State)	Tabl	e I - Non-L	<b>Derivative</b>	Secui	ities Acqu	ired, Disposed of,	or Beneficiall	y Owned
1.Tit Secu (Inst	•	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	spose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(111311. 4)	
Cor Sto	nmon ck	05/09/2008		M	2,000 (1)	A	\$ 23.48	20,414 (2)	D	
Cor Sto	nmon ck	05/09/2008		M	2,000 (3)	A	\$ 15.1	22,414 (2)	D	
Cor	mmon ck	05/09/2008		M	2,000 (4)	A	\$ 16.48	24,414 (2)	D	
Cor	nmon ck	05/09/2008		S	6,000	D	\$ 50.018	18,414 (2)	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	Secu Acqu (A) o Dispo	rities nired or osed of r. 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying S (Instr. 3 and	Securities	8. D S(I
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Options	\$ 23.48	05/09/2008		M		2,000	06/26/2003	06/26/2010	Common Stock	2,000	
Stock Options	\$ 15.1	05/09/2008		M		2,000	06/25/2004	06/25/2011	Common Stock	2,000	
Stock Options	\$ 16.48	05/09/2008		M		2,000	06/24/2005	06/24/2012	Common Stock	2,000	

# **Reporting Owners**

Reporting Owner Name / Address

Piractor 10% Owner Office

Director 10% Owner Officer Other

SEALE STEPHEN W JR
PO BOX 790 X
LAVERNIA, TX 78121-0790

# **Signatures**

Don R. Madison, Power of Attorney for Stephen W. Seale, Jr.

05/13/2008

\*\*Signature of Reporting Person

Date

# **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Becomes exercisable on the first anniversary of 06/26/2002, the date of the grant.
  - This number does not include shares of common stock issuable upon exercise of stock options, which were inadvertently included in
- (2) Column 5 of the reporting person's two most recent Form 4 reporting Table I information, filed on August 30, 2007 and January 3, 2008, but does include 3,000 shares of restricted stock subject to forfeiture upon certain conditions.

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- (3) Becomes exercisable on the first anniversary of 06/25/2003, the date of the grant.
- (4) Becomes exercisable on the first anniversary of 06/24/2004, the date of the grant.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number. m"> \$95.05 \$95.82

NGL (per Bbl)

36.99 40.78 41.00 39.13

Natural gas (per Mcf)

3.22 2.74 4.35 3.35

Total (Mcfe)

\$4.93 \$4.35 \$5.91 \$5.05

### Average unit costs per Mcfe:

Lease operating expense

\$0.53 \$0.77 \$0.38 \$0.47

Production and ad valorem taxes

\$0.20 \$0.24 \$0.20 \$0.32

General and administrative expenses

\$1.75 \$1.21 \$0.58 \$0.49

Depletion, depreciation, and amortization

\$1.86 \$1.97 \$1.99 \$2.16

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Year Ended December 31, 2013 Compared to the Year Ended December 31, 2012

The MRD Segment recorded net income of \$82.2 million in 2013 compared to a net loss of \$14.6 million in 2012. The increase in net income was primarily due to gains on sales of properties and increased production.

Oil and natural gas revenues were \$230.8 million in 2013, an increase of \$92.7 million from 2012. Production increased 15,088 MMcfe (approximately 48%) while the average realized sales price increased \$0.58 per Mcfe. Production volume increases were primarily due to acquisitions and drilling activities in the Cotton Valley formation in North Louisiana and East Texas. The favorable volume variance contributed to a \$65.6 million increase in revenues, and the favorable pricing variance contributed to a \$27.1 million increase in revenues.

Lease operating expenses were \$25.0 million in 2013, an increase in \$0.6 million from 2012. This increase was primarily due to acquisitions and drilling activities in the Cotton Valley formation in North Louisiana and East Texas. However, on a per Mcfe basis, lease operating expenses decreased by \$0.24 per Mcfe as certain items, such as direct labor and materials and supplies, generally remain relatively fixed across broad production volume ranges.

The \$24.4 million increase in DD&A expense was primarily due to increased production volumes related to acquisitions and drilling activities in the Cotton Valley formation in North Louisiana and East Texas. Increased production volumes increased DD&A expense by \$29.8 million, while a 6% decrease in the DD&A rate between periods decreased DD&A expense by \$5.4 million. On a per Mcfe basis, DD&A expense decreased by \$0.11 per Mcfe from 2012 to 2013. An increase in proved reserve volumes more than offset the impact of increases to the depletable cost base.

Generally, if reserve volumes are revised up or down, then the DD&A rate per unit of production will change inversely. However, if the depletable base changes, then the DD&A rate moves in the same direction. Absolute or total DD&A, as opposed to the rate per unit of production, generally moves in the same direction as production volumes.

During 2013 and 2012, the MRD Segment recorded impairments of \$2.5 million and \$18.3 million, respectively, primarily related to certain fields in East Texas. For these impairments, the estimated future cash flows expected from properties in these fields were compared to their carrying values and determined to be unrecoverable. Downward revisions due to performance and declines in natural gas prices triggered the 2013 and 2012 impairments, respectively.

General and administrative expenses were \$81.8 million in 2013, an increase of \$43.3 million from 2012. The increase in general and administrative expenses was primarily due to growth in employees as a result of acquisitions and development activities and incentive unit compensation expense. General and administrative expenses during 2013 included recognition of approximately \$43.3 million of compensation expense related to an incentive unit payments to certain key management members of certain MRD LLC subsidiaries compared to approximately \$9.5 million recorded in 2012.

Gains on commodity derivative instruments of \$3.0 million were recognized during 2013, of which \$12.2 million consisted of cash settlements received. Gains on commodity derivative instruments of \$13.5 million were recognized during 2012, of which \$30.2 million consisted of cash settlements received. The decrease in cash settlements received was primarily due to higher natural gas prices.

Given the volatility of commodity prices, it is not possible to predict future changes in fair value or cash settlements that will ultimately be realized upon settlement of the open positions in future years. If commodity prices at settlement are lower than the prices of the settled positions, the derivative contracts are expected to mitigate the otherwise negative effect on earnings of lower oil, natural gas and NGL prices. However, if commodity prices at settlement are higher than the prices of the settled positions, the derivative contracts are expected to dampen the otherwise

positive effect on earnings of higher oil, natural gas and NGL prices and will, in this context, be viewed as having resulted in an opportunity cost.

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During 2013, BlueStone entered into an agreement with a publicly traded third party to sell its remaining interest in certain properties in the Mossy Grove Prospect in Walker and Madison Counties located in East Texas and recognized a gain of \$89.5 million. This gain was offset by a loss of \$6.8 million recorded by Black Diamond on the sale of certain of its Wyoming oil and gas properties. During 2012, gains of less than \$0.1 million were recognized by the MRD Segment.

Net interest expense during 2013 was \$27.3 million, including amortization of deferred financing fees of approximately \$2.5 million and losses on interest rate swaps of \$0.2 million. Net interest expense during 2012 was \$12.8 million, including amortization of deferred financing fees of approximately \$1.6 million and losses on interest rate swaps of \$1.2 million. The increase in net interest expense is primarily the result of higher level of indebtedness during 2013 compared to 2012.

Three Months Ended March 31, 2014 Compared to the Three Months Ended March 31, 2013

The MRD Segment recorded net income of \$8.4 million for the three months ended March 31, 2014 compared to net income of \$2.1 million for the three months ended March 31, 2013. The increase in net income was primarily due to both increased production and average sales price for natural gas, offset by an increase in interest expense.

Oil and natural gas revenues were \$89.6 million for the three months ended March 31, 2014, an increase of \$35.6 million from the same period in 2013. Production increased 4,458 MMcfe (approximately 42%) and average realized sales price increased \$0.86 per Mcfe. Production volume increases were primarily due to drilling activities in the Cotton Valley in North Louisiana and East Texas and from contributions from acquisitions. The favorable volume variance contributed to a \$22.5 million increase in revenues and the favorable pricing variance contributed to a \$13.1 million increase in revenues.

Lease operating expenses were \$5.7 million for the three months ended March 31, 2014, an increase of \$0.6 million from the same period in 2013. On a per Mcfe basis, lease operating expenses decreased by \$0.09 per Mcfe as certain items, such as direct labor and materials and supplies, generally remain relatively fixed across broad production volume ranges.

The increase in DD&A expense was primarily due to increased production volumes related to acquisitions in 2013, as well as from drilling activities in the Cotton Valley in North Louisiana and East Texas. Increased production volumes caused DD&A expense to increase by \$9.6 million and the 8% decrease in the DD&A rate between periods caused DD&A expense to decrease by \$2.6 million. On a per Mcfe basis, DD&A expense decreased by \$0.17 per Mcfe. An increase in proved reserve volumes more than offset the impact of increases to the depletable cost base.

General and administrative expenses were \$8.8 million in the three months ended March 31, 2014, an increase of \$3.5 million from the three months ended March 31, 2013. The increase in general and administrative expenses was primarily due to growth in employees as a result of acquisitions and development activities and incentive unit compensation expense. General and administrative expenses during the three months ended March 31, 2014 included recognition of approximately \$1.0 million of compensation expense related to incentive unit payments made by BlueStone. No compensation expense related to incentive unit payments was recognized during the comparable period.

Net losses on commodity derivative instruments of \$12.7 million were recognized during the three months ended March 31, 2014, consisting of \$5.2 million of cash settlement payouts in addition to a \$7.5 million decline in the fair value of open hedge positions. Net losses on commodity derivative instruments of \$9.5 million were recognized during the three months ended March 31, 2013, consisting of \$4.0 million of cash settlement receipts, which were offset by a \$13.5 million decrease in the fair value of open hedge positions.

Net interest expense during the three months ended March 31, 2014 was \$18.0 million, including amortization of deferred financing fees of approximately \$1.5 million and losses on interest rate swaps of \$0.2 million. Net interest expense during the three months ended

March 31, 2013 was \$2.8 million, including amortization of deferred financing fees of approximately \$0.3 million and losses on interest rate swaps of less than \$0.1 million. The

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increase in net interest expense is primarily the result of higher level of indebtedness during 2014 compared to 2013, including the \$350.0 million of PIK notes issued in December 2013 and the \$325.0 million second lien term facility at WildHorse Resources incurred during June 2013.

### **MEMP Segment**

The MEMP Segment s consolidated and combined results of operations for the years ended December 31, 2013 and 2012 and the three months ended March 31, 2014 and 2013 presented below have been derived from MRD LLC s consolidated and combined financial statements included elsewhere in this prospectus.

The comparability of the results of operations among the periods presented is impacted by the following significant transactions:

two separate third party acquisitions by MEMP of assets in East Texas in May and September 2012, respectively, for a net purchase price of approximately \$126.9 million;

the acquisition of working interests, royalty interests and net revenue interests located in the Permian Basin in July 2012 for a net purchase price of approximately \$74.7 million; and

multiple acquisitions of operated and non-operated interests in certain oil and natural gas properties primarily located in the Permian Basin for an aggregate net purchase price of \$75.9 million.

	For Y	For Year			onths
	Ended Dec	Ended December 31,			h 31,
	2013	2013 2012			2013
		(in thousands)			
			(una	udite	d)
Oil & natural gas sales	\$ 341,197	\$ 255,608	\$ 100,299	\$	67,588
Lease operating	88,893	80,116	27,988		21,371
Exploration	1,130	2,463	6		227
Production and ad valorem taxes	17,784	16,048	5,584		3,880
Depreciation, depletion, and amortization	97,269	76,036	26,745		20,391
Impairment of proved oil and natural gas properties	54,362	10,532			
General and administrative	43,495	30,342	9,958		7,313
(Gain) loss on commodity derivative instruments	(26,281)	(21,417)	46,766		13,069
(Gain) loss on sale of properties	(2,848)	(9,759)			(1,983)
Interest expense, net	41,901	20,436	16,078		6,542
Net income (loss)	20,268	46,518	(34,057)		(4,297)
Natural gas and oil revenue:					
Oil sales	\$ 171,095	\$ 145,103	\$ 41,795	\$	34,237
NGL sales	51,215	26,647	13,767		9,665
Natural gas sales	118,887	83,858	44,737		23,686
Total natural gas and oil revenue	\$ 341,197	\$ 255,608	\$ 100,299	\$	67,588
Production Volumes:					
Oil (MBbls)	1,764	1,519	453		373
NGLs (MBbls)	1,632	745	420		288
Natural gas (MMcf)	35,924	29,744	9,712		7,647

Total (MMcfe)	56,303	43,329	14,952	11,614
Average net production (MMcfe/d)	154.3	118.4	166.1	129.0
Average sales price:				
Oil (per Bbl)	\$ 96.98	\$ 95.54	\$ 92.28	\$ 91.78
NGL(per Bbl)	31.38	35.75	32.74	33.54
Natural gas (per Mcf)	3.31	2.82	4.61	3.10
Total (Mcfe)	\$ 6.06	\$ 5.90	\$ 6.71	\$ 5.82
Average unit costs per Mcfe:				
Lease operating expense	\$ 1.58	\$ 1.85	\$ 1.87	\$ 1.84
Production and ad valorem taxes	\$ 0.32	\$ 0.37	\$ 0.37	\$ 0.33
General and administrative expenses	\$ 0.77	\$ 0.70	\$ 0.67	\$ 0.63
Depletion, depreciation, and amortization	\$ 1.73	\$ 1.75	\$ 1.79	\$ 1.76

Year Ended December 31, 2013 Compared to the Year Ended December 31, 2012

MEMP recorded net income of \$20.3 million in 2013 compared to income of \$46.5 million 2012.

Oil and natural gas revenues were \$341.2 million in 2013, an increase of \$85.6 million from 2012. Production increased 12,974 MMcfe (approximately 30%) while the average realized sales price increased \$0.16 per Mcfe. The favorable volume variance contributed to a \$76.6 million increase in revenues, whereas the favorable pricing variance contributed to a \$9.0 million decrease in revenues.

Lease operating expenses were \$88.9 million in 2013, an increase of \$8.8 million from 2012. Production and ad valorem taxes were \$17.8 million in 2013, an increase of \$1.7 million from 2012. Both lease operating expenses and production and ad valorem taxes increased primarily due to increased production volumes associated with properties acquired during both 2012 and 2013 and increased drilling activities.

The increase in DD&A expense was primarily due to increased production volumes related to acquisitions in 2012 and 2013 and increased drilling activities. Increased production volumes caused DD&A expense to increase by \$22.8 million, while a 1% change in the DD&A rate between periods caused DD&A expense to decrease by \$1.5 million. An increase in proved reserve volumes more than offset the impact of increases to the depletable cost base.

During 2013, MEMP recorded \$54.4 million of impairments consisting of \$50.3 million related to certain properties in East Texas and \$4.1 million related to certain properties in South Texas. For the East Texas properties, the estimated future cash flows expected from these properties were compared to their carrying values and determined to be unrecoverable as a result of downward revisions of estimated proved reserves based upon updated well performance data. In South Texas, the estimated future cash flows expected from these properties were compared to their carrying values and determined to be unrecoverable as a result of a downward revision of estimated proved reserves based on pricing terms specific to these properties. During 2012, MEMP recorded impairments of \$10.5 million primarily related to properties in the Permian Basin. The 2012 impairments were a result of downward revisions of estimated proved reserves due to unfavorable drilling results in the area.

General and administrative expenses were \$43.5 million in 2013, an increase of \$13.2 million. The increase in general and administrative expenses was primarily due to growth in employees as a result of acquisitions and drilling activities. General and administrative expenses for 2013 included \$3.6 million of non-cash unit-based compensation expense and \$6.7 million of acquisition-related costs. General and administrative expenses for 2012 were \$30.3 million and included \$1.4 million of non-cash unit-based compensation expense and \$4.1 million of acquisition-related costs.

Net gains on commodity derivative instruments of \$26.3 million were recognized during 2013, of which \$19.9 million consisted of cash settlements. Net gains on commodity derivative instruments of \$21.4 million were recognized during 2012, of which \$44.1 million consisted of cash settlements. The decrease in cash settlements was primarily due to higher natural gas prices.

During 2013, a gain of approximately \$2.8 million was recorded due to the sale of certain non-operated properties in East Texas. During 2012, a gain of approximately \$9.8 million was recognized related to the sale of properties in Garza and Ector Counties in Texas.

Net interest expense during 2013 was \$41.9 million, including amortization of deferred financing fees of approximately \$5.8 million and gains on interest rate swaps of \$1.5 million. Net interest expense during 2012 was \$20.4 million, including amortization of deferred financing fees of approximately \$0.6 million and losses on interest rate swaps of \$4.0 million. The increase in net interest expense is primarily the result of higher level of indebtedness during 2013 compared to 2012.

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Three Months Ended March 31, 2014 Compared to the Three Months Ended March 31, 2013

MEMP recorded a net loss of \$34.1 million for the three months ended March 31, 2014 compared to a net loss of \$4.3 million for the three months ended March 31, 2013. Increased losses on commodity derivatives, increased interest expense, increased lease operating expenses, and increased DD&A more than offset the increase in oil and natural gas sales.

Oil, natural gas and NGL revenues for the three months ended March 31, 2014 totaled \$100.3 million, an increase of \$32.7 million compared with 2013. Production increased 3,338 MMcfe (approximately 29%), primarily from new drills in East Texas and increased volumes from third party acquisitions. The average realized sales price increased \$0.89 per Mcfe primarily due to higher gas prices. The favorable volume and pricing variance contributed to an approximate \$19.4 million and \$13.3 million increase in revenues, respectively.

Lease operating expenses were \$28.0 million and \$21.4 million for the three months ended March 31, 2014 and 2013, respectively. On a per Mcfe basis, lease operating expenses increased to \$1.87 for 2014 from \$1.84 for 2013. During the three months ended March 31, 2014, MEMP recorded \$2.9 million of estimated environmental remediation expenses associated with its Permian and Wyoming oil and gas properties.

Production and ad valorem taxes for the three months ended March 31, 2014 totaled \$5.6 million, an increase of \$1.7 million compared with the three months ended March 31, 2013 primarily due to an increase in production volumes. On a per Mcfe basis, production and ad valorem taxes increased to \$0.37 for the three months ended March 31, 2014 from \$0.33 for 2013.

DD&A expense for the three months ended March 31, 2014 was \$26.7 million compared to \$20.4 million for the three months ended March 31, 2013, a \$6.3 million increase primarily due to both an increase in the depletable cost base and increased production volumes related to third party acquisitions consummated during 2013 and the Partnership s drilling program. Increased production volumes caused DD&A expense to increase by an approximate \$5.8 million and the change in the DD&A rate between periods caused DD&A expense to increase by an approximate \$0.5 million.

General and administrative expenses for the three months ended March 31, 2014 were \$10.0 million and included \$1.3 million of non-cash unit-based compensation expense and \$1.9 million of acquisition-related costs. General and administrative expenses for the three months ended March 31, 2013 totaled \$7.3 million and included \$0.4 million of non-cash unit-based compensation expense and \$0.2 million of acquisition-related costs. Increased salaries and employee count also contributed to increased general and administrative expenses between periods.

Net losses on commodity derivative instruments of \$46.8 million were recognized during the three months ended March 31, 2014, consisting of \$8.0 million of cash settlement payouts in addition to a \$38.8 million decline in the fair value of open hedge positions. Net losses on commodity derivative instruments of \$13.1 million were recognized during the three months ended March 31, 2013, consisting of \$7.1 million of cash settlement receipts, which were offset by a \$20.2 million decrease in the fair value of open hedge positions.

Net interest expense during the three months ended March 31, 2014 was \$16.1 million, including amortization of deferred financing fees of approximately \$0.8 million and losses on interest rate swaps of \$0.3 million. Net interest expense during the three months ended March 31, 2013 was \$6.5 million, including amortization of deferred financing fees of approximately \$2.2 million and losses on interest rate swaps of less than \$0.1 million. The increase in net interest expense is primarily the result of higher level of indebtedness during 2014 compared to 2013, including the MEMP Senior Notes issued in April, May and October 2013.

#### **Liquidity and Capital Resources**

Although results are consolidated for financial reporting, the MRD and MEMP Segments operate with independent capital structures. With the exception of cash distributions paid to the MRD Segment by the MEMP Segment related to MEMP partnership interests held by MRD LLC, the cash needs of each segment have been met independently with a combination of operating cash flows, asset sales, credit facility borrowings and the issuance of equity. We expect that the cash needs of each of the MRD Segment and the MEMP Segment will continue to be met independently of each other with a combination of these funding sources.

#### **MRD** Segment

Historically, the primary sources of liquidity have been through borrowings under credit facilities, capital contributions from NGP and certain members of management, borrowings under a second lien term loan facility, asset sales, including dropdowns to MEMP, and net cash provided by operating activities. The primary use of cash has been for the exploration, development and acquisition of natural gas, NGLs and oil properties. As we pursue reserve and production growth, we continually monitor what capital resources, including equity and debt financings, are available to meet future financial obligations, planned capital expenditure activities and liquidity requirements. The future success in growing proved reserves and production will be highly dependent on the capital resources available. As of December 31, 2013, we had 1,582 identified gross potential horizontal well locations, which will take many years to develop. Additionally, the proved undeveloped reserves will require an estimated \$1.3 billion of development capital over the next five years according to our reserve report as of December 31, 2013. A significant portion of this capital requirement will be funded out of operating cash flows. However, we may be required to generate or raise significant capital to conduct drilling activities on these identified potential well locations and to finance the development of proved undeveloped reserves.

We expect that the primary sources of liquidity and capital resources after the consummation of this offering will be cash flows generated by operating activities and borrowings under revolving credit facilities. We will also have the ability to issue additional equity and debt as needed through private or public offerings. We may from time to time (including during 2014) refinance our existing indebtedness including by issuing longer-term fixed rate debt to refinance shorter-term floating rate debt.

After the completion of this offering, we believe our cash flows provided by operating activities and availability under our revolving credit facility will provide us with the financial flexibility and wherewithal to meet our cash requirements, including normal operating needs, and pursue our currently planned 2014 development drilling activities. However, future cash flows are subject to a number of variables, including the level of natural gas production and prices, and significant additional capital expenditures will be required to more fully develop our properties and acquire additional properties. We cannot assure you that operations and other needed capital will be available on acceptable terms, or at all.

### Capital Budget

During 2013, we invested approximately \$190 million of capital at the MRD Segment to drill 31 gross (21.3 net) wells. A substantial portion of our development program is focused on horizontal drilling of liquids rich wells in the Terryville Complex, where we spent approximately \$163 million in capital expenditures to drill 15 gross (12.1 net) horizontal wells during 2013.

In 2014, we have budgeted a total of \$312 million to drill and complete 46 gross (39 net) operated wells, which includes \$83 million of capital expenditures we made during the three months ended March 31, 2014 (including \$61 million of capital expenditures we made in the Terryville Complex). We expect to fund our 2014 development primarily from cash flows from operations. The majority of our drilling locations and our 2014 development program are focused on the Terryville Complex, where we plan to invest \$264 million on drilling and completing 33 gross (28 net) horizontal wells and 2 gross (2.0 net) vertical wells. We plan to run four to five rigs during 2014 targeting primarily our four primary zones within the Cotton Valley the Upper Red, Lower Red, Lower Deep Pink and Upper Deep Pink. Total vertical depth of these zones ranges from 8,200 to 11,200 feet.

In our East Texas properties in the Joaquin Field, we plan to spend development capital of \$36 million running one rig to drill 8 gross (6 net) horizontal wells targeting the Cotton Valley formation at vertical depths of 6,000 to 10,000 feet.

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In our Rockies properties, we plan to spend \$12 million of development capital, primarily in the Tepee Field in the Piceance Basin in Colorado focused on completing 3 wells drilled in fourth quarter of 2013 and running 1 rig to drill an additional 3 operated wells.

### Cash Flows from Operating, Investing and Financing Activities

The following tables summarize both consolidated/combined and segment cash flows from operating, investing and financing activities for the periods indicated. For information regarding the individual components of our cash flow amounts, see the Statements of Consolidated and Combined Cash Flows included elsewhere in this prospectus.

### Consolidated & Combined

		Year cember 31,	For T Months Ende		
	2013	2012	2014	2013	
			(unau	dited)	
Net cash provided by operating activities	\$ 277,823	\$ 240,404	\$ 103,941	\$ 75,281	
Net cash used in investing activities	367,443	606,738	308,361	86,312	
Net cash provided by financing activities	117,950	361,761	166,218	91,570	

### MRD Segment

	For Y Ended Dec	For Three Months Ended March 3		
	2013	2014 (unauc	2013	
Net cash provided by operating activities	(unaud \$ 83,910	\$ 84,172	55,917	33,762
Net cash used in investing activities:	\$ 65,910	\$ 64,172	33,917	33,702
Acquisition of oil and natural gas properties	\$ (67,098)	\$ (83,055)		
Additions to oil and gas properties	(198,340)	(165,203)	(86,629)	(38,745)
Additions to other property and equipment	(2,432)	(1,267)	(31)	(30,743)
Equity investments in MEMP Segment	(521)	(206)	(31)	(180)
Distributions received from MEMP Segment related to partnership interests	26.006	` '	3,002	6,322
Additions to restricted cash	(49,347)	19,263		0,322
			(3)	
Proceeds from the sale of oil and gas properties to third parties	151,187			
Proceeds from the sale of MEMP common units	135,012	(2)	(201)	
Other		(3)	(301)	
Net cash provided by (used in) investing activities	\$ (5,533)	\$ (230,471)	\$ (83,962)	\$ (32,635)
Net cash provided by financing activities:				
Advances on revolving credit facilities	\$ 174,400	\$ 228,450	\$ 108,000	\$ 14,900
Payments on revolving credit facilities	(280,500)	(129,750)	(40,000)	(10,750)
Borrowings under second lien credit facility	325,000	,	, , ,	
Proceeds from the issuance of PIK notes	343,000			
Loan origination fees	(20,267)	(1,276)	(895)	(39)
Purchase of noncontrolling interests in consolidated subsidiaries	(13,865)	` ` `	, , ,	ì
Contribution from NGP affiliate		7,033	1,165	
Contributions from MEMP Segment	180,260	29,280	,	55,419
Distributions to noncontrolling interest	(7,446)		(325)	
	, , ,		,	

Distributions to MEMP Segment		(1,900)		
Distributions to NGP affiliates			(66,693)	
Distributions to Funds	(732,362)			
Distributions made by previous owners	(2,590)	(2,317)		(549)
Other cash transfers from MEMP Segment		3,751		
Other	(4,593)		(6)	(79)
Net cash provided by (used in) financing activities	\$ (38,963)	\$ 133,271	\$ 1,246	\$ 58,902

### Year Ended December 31, 2013 Compared to the Year Ended December 31, 2012

*Operating Activities*. Net cash flows provided by operating activities were \$83.9 million in 2013 compared to \$84.2 million in 2012. Although production volumes increased 15,088 MMcfe (approximately 48%), net cash flows from operating activities were impacted by \$43.3 million of compensation expense recognized in 2013 related to incentive unit payments, which was an increase of \$33.8 million from 2012.

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*Investing Activities.* Cash used in investing activities was \$5.5 million during 2013 compared to \$230.5 million in 2012. Cash used for the acquisition of oil and gas properties was \$67.1 million in 2013 compared to \$83.1 million in 2012. The 2013 acquisition was for certain properties located in Louisiana that were purchased in March 2013. The 2012 acquisitions consisted primarily of properties located in East Texas and North Louisiana.

Cash used for additions to oil and gas properties was \$198.3 million in 2013 compared to \$165.2 million in 2012. The additions in both 2013 and 2012 consisted primarily of drilling and completion activities focused on the Cotton Valley formation in North Louisiana and East Texas.

Distributions of \$26.0 million were received in 2013 from MEMP related to the common and subordinated units owned by MRD LLC as compared to \$19.3 million received in 2012. In November 2013, MRD LLC sold 7,061,294 MEMP common units in a public offering, which generated net proceeds of \$135.0 million.

Proceeds from the sale of oil and gas properties totaled \$151.2 million in 2013. In May 2013, Black Diamond sold certain of its Wyoming properties for approximately \$33.0 million. In July 2013, BlueStone sold its interest in certain properties located in Walker and Madison Counties in East Texas for approximately \$117.9 million. There were no sales of oil and gas properties in 2012.

Additions to restricted cash totaled \$49.3 million and were primarily related to the \$50.0 million debt service reserve established in connection with the issuance of the PIK notes in December 2013.

Financing Activities. Cash used in financing activities was \$39.0 million in 2013 compared to cash provided by financing activities of \$133.3 million in 2012. Net payments under revolving credit facilities were \$106.1 million in 2013 compared to net borrowings of \$98.7 million in 2012. In June 2013, WildHorse Resources received gross proceeds of \$325.0 million under its second lien term loan and in December 2013, MRD LLC received gross proceeds of \$343.0 million related to the issuance of the PIK notes. Deferred financing costs were \$20.3 million in 2013 compared to \$1.3 million in 2012. The increase in deferred financing costs was primarily due to the WildHorse second lien term loan and the PIK notes.

In November 2013, MRD LLC purchased the noncontrolling interests in Black Diamond, Classic GP and Classic for \$13.9 million of consideration.

Cash received from the MEMP Segment in 2013 related to the sale of assets from the MRD Segment to the MEMP Segment was \$180.3 million compared to \$29.3 million.

Distributions to the Funds during 2013 were \$732.4 million. From time to time, MRD LLC has made distributions of cash to the Funds. The timing and amount of these cash distributions is within the discretion of the board of managers of MRD LLC and is based, in part, upon available cash, the performance of its business, and other relevant factors. In 2013, substantially all of the cash distributed to the Funds was sourced from long term borrowings or sales of assets or equity in MEMP. The sources to fund these distributions primarily included \$225.0 million from the WildHorse second lien term loan, \$210.0 million from the December 2013 PIK notes, \$63.8 million from the sale of properties to third parties, \$125.0 million from the sale of properties to MEMP and \$105.0 million from the sale of 7,061,294 MEMP common units that MRD LLC owned. Distributions to noncontrolling interests and previous owners totaled \$15.9 million in 2013 compared to \$2.3 million in 2012.

Three Months Ended March 31, 2014 Compared to the Three Months Ended March 31, 2013

*Operating Activities.* Net cash flows provided by operating activities were \$55.9 million in the three months ended March 31, 2014 compared to \$33.8 million in the three months ended March 31, 2013. Production increased 4,458 MMcfe (approximately 42%) and average realized sales price increased \$0.86 per Mcfe as previously discussed under Results of Operations MRD Segment.

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*Investing Activities.* Total cash used in investing activities was \$84.0 million in the three months ended March 31, 2014 compared to \$32.6 million for the same period in 2013. Cash used for additions to oil and gas properties \$86.6 million in the three months ended March 31, 2014 compared to \$38.7 million for the same period in 2013, which consisted primarily of drilling and completion activities in the Cotton Valley in North Louisiana and East Texas area.

Distributions of \$3.0 million were received from MEMP on the subordinated units owned by MRD LLC in the three months ended March 31, 2014 compared to \$6.3 million in 2013 received from MEMP on the common and subordinated units owned by MRD LLC.

Financing Activities. Net advances under revolving credit facilities were \$68.0 million in the three months ended March 31, 2014 compared to \$4.1 million in the three months ended March 31, 2013. The 2014 net borrowings were primarily used by WildHorse Resources to repurchase net profits interests from an affiliate of NGP as discussed above under Recent Development MRD Segment. Distributions to NGP affiliates primarily related to WildHorse Resources February 2014 acquisition of net profits interests in the Terryville Complex from an affiliate of NGP for \$63.4 million. MRD Royalty also acquired certain interests in oil and gas properties in Gonzales and Karnes Counties located in South Texas from an affiliate of NGP for \$3.3 million in March 2014. MEMP paid \$55.4 million to WildHorse Resources in connection with MEMP s March 28, 2013 acquisition of all the outstanding equity interests in WHT.

### **MEMP Segment**

	For Year			For T	
	Ended December 31, 2013 2012		,	Months Ende	d March 31, 2013
		(unaudited)		2014 (unauc	
Net cash provided by operating activities	\$	193,697	\$ 156,844	\$ 48,023	\$ 41,771
Net cash used in investing activities:					
Acquisition of oil and natural gas properties	\$	(38,664)	\$ (277,623)	\$ (173,000)	\$ (6,310)
Additions to oil and gas properties		(161,675)	(107,789)	(47,571)	(42,330)
Additions to other property and equipment		(238)	(1,748)		(69)
Additions to restricted investments		(5,361)	(4,599)	(826)	(1,281)
Proceeds from the sale of oil and gas properties		4,525	34,521		2,169
Other			29		285
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Net cash used in investing activities	\$	(201,413)	\$ (357,209)	\$ (221,397)	\$ (47,536)
Net cash provided by financing activities					
Advances on revolving credit facilities	\$	958,355	\$ 391,000	\$ 235,000	\$ 230,250
Payments on revolving credit facilities		(1,485,537)	(121,819)	(39,000)	(301,397)
Proceeds from the issuances of senior notes		688,563	( , ,	( //	(= = ,= = = ,
Loan origination fees		(20,908)	(2,225)	(267)	(1,670)
Contributions from previous owners		7,233	44,072	,	151
Contribution from NGP affiliate		2,013	38,125		
Contribution from general partner		521	206		180
Contributions from MRD Segment			1,900		
Net proceeds from public equity offering		490,138	194,304		172,321
Distributions to partners		(96,643)	(34,436)	(33,763)	(17,424)
Distributions to MRD Segment		(180,260)	(29,280)		(55,419)
Distributions to NGP affiliates		(355,495)	(242,174)		
Distributions made by previous owners		(2,552)	(26,455)		(717)
Other cash transfers to MRD Segment			(3,751)		

Other	(9,013)	(646)		
Net cash provided by (used in) financing activities	\$ (3,585)	\$ 208,821	\$ 161,970	\$ 26,275

Year Ended December 31, 2013 Compared to the Year Ended December 31, 2012

*Operating Activities*. Key drivers of net operating cash flows are commodity prices, production volumes and operating costs. Net cash flows provided by operating activities increased during 2013 primarily due to an increase in production volumes as a result of acquisitions and increased drilling activities. Cash flows provided by operating activities at the MEMP Segment are used primarily to fund distributions to its partners and additions to oil and gas properties. The previous owners primarily used cash flows provided by operating activities to fund its exploration and development expenditures.

Investing Activities. Cash used in investing activities during 2013 was \$201.4 million, of which \$38.7 million was used to acquire oil and gas properties located in Wyoming and East Texas and \$161.7 million was used for additions to oil and gas properties. Cash used in investing activities during 2012 was \$357.2 million, of which \$277.6 million was used to acquire oil and gas properties and \$107.8 million was used for additions to oil and gas properties. The 2012 acquisitions included \$126.9 million of acquisitions in East Texas and \$150.7 million of acquisitions in the Permian Basin.

Various restricted investment accounts fund certain long-term contractual and regulatory asset retirement obligations and collateralize certain regulatory bonds associated with the offshore Southern California oil properties. For the years ended December 31, 2013 and 2012, additions to restricted investments were \$5.4 million and \$4.6 million, respectively.

Proceeds from the sale of oil and gas properties were \$4.5 million in 2013 compared to \$34.5 million in 2012. The 2013 sales primarily consisted of certain non-operated properties in East Texas while the 2012 sales primarily consisted of certain properties in Garza and Ector counties located in West Texas.

Financing Activities. Cash used in financing activities was \$3.6 million in 2013 compared to cash provided by financing activities of \$208.8 million in 2012.

MEMP generated total net proceeds of \$490.1 million from two separate equity offerings in 2013 compared to \$194.3 million in 2012. In March 2013, MEMP issued 9,775,000 common units to the public at an offering price of \$18.35 per unit generating net proceeds of approximately \$171.8 million. In October 2013, MEMP issued 16,675,000 common units to the public at an offering price of \$19.90 per unit generating net proceeds of approximately \$318.3 million. In December 2012, MEMP generated net proceeds of \$194.3 million from a public offering of common units.

MEMP completed a private placement of 7.625% senior notes due 2021 (the Senior Notes ) with two additional issuances during 2013. MEMP issued \$300.0 million aggregate principal amount of the Senior Notes at 98.521% of par in April 2013, an additional \$100.0 million aggregate principal amount at 102.0% of par in May 2013 and an additional \$300.0 million aggregate principal amount at 97.0% of par in October 2013. Total proceeds, net of discounts, from the issuance of the Senior Notes were \$688.6 million during 2013.

Distributions to partners were \$96.6 million during the year ended December 31, 2013 compared to \$34.4 million during the year ended December 31, 2012 due to increases in both declared distribution rates per unit and increases in the number of outstanding units. Distributions to the MRD Segment totaled \$180.3 million in 2013 compared to \$29.3 million in 2012. These distributions were primarily associated with the acquisition of assets by MEMP from the MRD Segment. Distributions to NGP affiliates were \$355.5 million in 2013 compared to \$242.2

million in 2012. The 2013 distribution was associated with the acquisition of assets by MEMP from certain affiliates of NGP in October 2013. The 2012 distribution was associated with the acquisition of assets located offshore Southern California from an affiliate of NGP.

The previous owners received contributions of \$7.2 million during 2013 compared to \$44.1 million during 2012. Distributions made by the previous owners totaled \$2.6 million in 2013 compared to \$26.5 million in 2012.

MEMP had net payments of \$527.2 million during 2013 related to revolving credit facilities. Borrowings under revolving credit facilities were used primarily to fund distributions associated with acquisitions of oil and

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gas properties from affiliates of NGP. Proceeds from the issuance of the Senior Notes and common unit public equity offerings were used to repay borrowings under MEMP s revolving credit facility. During 2012, MEMP had net borrowings of \$269.2 million related to revolving credit facilities. These borrowings were primarily used to fund distributions associated with acquisitions of oil and gas properties from affiliates of NGP. Deferred financing costs of \$20.9 million were incurred during 2013 associated with both the Senior Notes and MEMP s revolving credit facility compared to \$2.2 million incurred in 2012 related to revolving credit facilities.

#### Three Months Ended March 31, 2014 Compared to the Three Months Ended March 31, 2013

Operating Activities. Key drivers of net operating cash flows are commodity prices, production volumes and operating costs. Net income decreased by \$29.8 million as further discussed above under Results of Operations MEMP Segment, and net cash provided by operating activities increased by \$6.3 million. Net cash provided by operating activities included \$8.1 million of cash settlements paid on derivative instruments during 2014 compared to \$6.5 million of cash settlements received on derivative instruments during the three months ended March 31, 2013.

Investing Activities. Net cash used in investing activities during the three months ended March 31, 2014 was \$221.4 million, of which \$173.0 million was used to acquire oil and natural gas properties from a third parties and \$47.6 million was used for additions to oil and gas properties. Cash used in investing activities during the three months ended March 31, 2013 was \$47.5 million, of which \$6.3 million was used to acquire oil and natural gas properties from a third party and \$42.3 million was used for additions to oil and gas properties. Various restricted investment accounts fund certain long-term contractual and regulatory asset retirement obligations and collateralize certain regulatory bonds associated with our offshore Southern California oil and gas properties.

Financing Activities. On March 25, 2013, MEMP issued 9,775,000 common units representing limited partner interests in the Partnership (including 1,275,000 common units purchased pursuant to the full exercise of the underwriters—option to purchase additional common units) to the public at an offering price of \$18.35 per unit generating gross proceeds of approximately \$179.4 million, offset by approximately \$7.1 million of costs incurred in conjunction with the issuance of common units. The net proceeds from this equity offering, including MEMP GP s proportionate capital contribution, partially funded the acquisition of all of the outstanding equity interests in WHT.

Distributions to partners during the three months ended March 31, 2014 were \$33.8 million compared to \$17.4 million during the same period in 2013, of which the MRD Segment received \$3.0 million during the three months ended March 31, 2014 compared to \$6.3 million in the three months ended March 31, 2013. The increase in total distributions is due to both an increase in MEMP s outstanding units between periods and an increase in the declared cash distribution rate per unit. The decrease in distributions to the MRD Segment is due to MRD LLC selling 7,061,294 common units in November 2013.

MEMP paid \$55.4 million to WildHorse Resources in connection with its March 28, 2013 acquisition of all of the outstanding equity interests in WHT and repaid \$89.3 million of indebtedness under WHT s credit facility. MEMP had net borrowings of \$37.0 million under its revolving credit facility during 2013 that were primarily used to fund the WHT acquisition. Tanos and the previous owners had aggregate advances of \$12.3 million under their credit facilities and repaid an aggregate of \$31.1 million of outstanding borrowings during the three months ended March 31, 2013. MEMP had net borrowings of \$196.0 million under its revolving credit facility during the three months ended March 31, 2014 that were used primarily used to fund its Eagle Ford acquisition. Deferred financing costs of approximately \$0.3 million were incurred during the three months ended March 31, 2014 compared to approximately \$1.7 million during the three months ended March 31, 2013.

Debt Agreements MRD Segment

New Revolving Credit Facility

Concurrently with the closing of this offering, we anticipate that we, as borrower, and certain of our current and future subsidiaries, as guarantors, will enter into a new senior secured revolving credit facility. We expect the new revolving credit facility to be a five-year, \$2.0 billion revolving credit facility with an initial borrowing base of \$725 million and aggregate elected commitments of \$725 million.

We will be permitted to borrow under our new revolving credit facility in an amount up to the least of (i) the face amount of our revolving credit facility, (ii) the borrowing base and (iii) the aggregate elected commitments. Our new revolving credit facility will be reserve-based, and thus our borrowing base will be primarily based on the estimated value of our oil, NGL and natural gas properties and our commodity derivative contracts as determined semi-annually by our lenders in their sole discretion. Our borrowing base will be subject to redetermination on a semi-annual basis based on an engineering report with respect to our estimated oil, NGL and natural gas reserves, which will take into account the prevailing oil, NGL and natural gas prices at such time, as adjusted for the impact of our commodity derivative contracts. Unanimous approval by the lenders will be required for any increase to the borrowing base. In addition, we may, subject to certain conditions, increase our aggregate elected commitments in an amount not to exceed the then effective borrowing base on or following a scheduled redetermination of our borrowing base once before the next scheduled redetermination date. In the future, we may be unable to access sufficient capital under our new revolving credit facility as a result of (i) a decrease in our borrowing base due to a subsequent borrowing base redetermination or (ii) an unwillingness or inability on the part of our lenders to meet their funding obligations.

A future decline in commodity prices could result in a redetermination that lowers our borrowing base in the future and, in such case, we could be required to repay any indebtedness in excess of the borrowing base, or we could be required to pledge other oil and natural gas properties as additional collateral. If a redetermination of our borrowing base results in our borrowing base being less than our aggregate elected commitments, our aggregate elected commitments will be automatically reduced to the amount of such reduced borrowing base. We do not anticipate having any substantial unpledged properties, and we may not have the financial resources in the future to make any mandatory principal prepayments required under our new revolving credit facility.

Borrowings under the new revolving credit facility will be secured by liens on substantially all of our properties, but in any event, not less than 80% of the total value of our oil and natural gas properties, and all of our equity interests in any future guarantor subsidiaries and all of our other assets including personal property. Additionally, borrowings under the new revolving credit facility will bear interest, at our option, at either (i) the greatest of (x) the prime rate as determined by the administrative agent, (y) the federal funds effective rate plus 0.50%, and (z) the one-month adjusted LIBOR plus 1.0% (adjusted upwards, if necessary, to the next 1/100th of 1%), in each case, plus a margin that varies from 0.50% to 1.50% per annum according to the total commitment usage (which is the ratio of outstanding borrowings and letters of credit to the borrowing base then in effect), or (ii) the applicable LIBOR plus a margin that varies from 1.50% to 2.50% per annum according to the total commitment usage. The unused portion of the total commitments will be subject to a commitment fee that varies from 0.375% to 0.50% per annum according to our total commitments usage.

Our new revolving credit facility will require maintenance of a ratio of Consolidated EBITDAX to Consolidated Net Interest Expense (as each term is determined under the new revolving credit facility), which we refer to as the interest coverage ratio, of not less than 2.5 to 1.0, and a ratio of consolidated current assets to consolidated current liabilities, each as determined under the new revolving credit facility, which we refer to as the current ratio, of not less than 1.0 to 1.0.

Additionally, the new revolving credit facility will contain various covenants and restrictive provisions that, among other things, limit our ability to incur additional debt, guarantees or liens; consolidate, merge or transfer all or substantially all of our assets; make certain investments, acquisitions or other restricted payments; modify certain material agreements; engage in certain types of transactions with affiliates; dispose of assets; incur commodity hedges exceeding a certain percentage of our production and prepay certain indebtedness.

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Events of default under the new revolving credit facility shall include, but not be limited to, failure to make payments when due, breach of any covenants continuing beyond the cure period, default under any other material debt, change in management or change of control, bankruptcy or other insolvency event and certain material adverse effects on our business.

If we fail to perform our obligations under these and other covenants, the revolving credit commitments could be terminated and any outstanding indebtedness under the new revolving credit facility, together with accrued interest, fees and other obligations under the credit agreement, could be declared immediately due and payable.

MRD LLC Revolving Credit Agreement (Terminated) & PIK Notes (To Be Redeemed 30 Days After Closing)

On July 13, 2012, MRD LLC entered into a two-year \$50.0 million senior secured revolving credit facility with an initial borrowing base of \$35.0 million. MRD LLC pledged 7,061,294 MEMP common units and 5,360,912 MEMP subordinated units as security under the credit facility as well as its oil and gas properties and certain other assets of MRD LLC. On November 20, 2012, MRD LLC entered into a first amendment to its credit agreement, which among other things: (i) increased the aggregate maximum credit to \$1.0 billion (ii) increased the borrowing base to \$120.0 million and (iii) extended the maturity date to November 20, 2016. On April 25, 2013, MRD LLC entered into a second amendment to its credit agreement, which among other things: (i) increased the borrowing base to \$170.0 million and (ii) designated Tanos together with its consolidating subsidiaries as additional guarantors.

On October 1, 2013, Tanos and its consolidating subsidiaries were removed as guarantors and the borrowing base was reduced to \$120.0 million. On November 1, 2013, MRD LLC entered into a third amendment to its credit agreement, which among other things: (i) designated Black Diamond together with its consolidating subsidiaries as additional guarantors, (ii) reduced the borrowing base to \$100.0 million, and (iii) permitted second lien indebtedness. On November 22, 2013, the borrowing base was automatically reduced to \$60.0 million upon MRD LLC s sale of 7,061,294 MEMP common units in a secondary offering. On December 18, 2013, indebtedness then outstanding under the revolving credit facility of \$59.7 million and all accrued interest were paid off in full and the revolving credit facility was terminated in connection with the issuance of the PIK notes discussed below.

On December 18, 2013, the MRD Issuers completed a private placement of \$350.0 million in aggregate principal amount of the PIK notes. The PIK notes were issued at 98% of par and will mature on December 15, 2018. Net proceeds from the private offering were used: (i) to repay all indebtedness then outstanding under MRD LLC s then-existing revolving credit facility, (ii) to establish a cash reserve of \$50.0 million for the payment of interest on the PIK notes, (iii) to pay a \$210.0 million distribution to the Funds, and (iv) for general company purposes.

Interest on the PIK notes is payable semi-annually in arrears on June 15 and December 15 of each year, commencing on June 15, 2014. Subject to conditions in the indenture governing the PIK notes, MRD LLC is required to pay interest on the PIK notes in cash or through issuing additional notes (such an issuance, PIK Interest). The interest rate on the PIK notes is 10.00% per annum for interest paid in cash or 10.75% per annum for PIK Interest. Any PIK Interest will be paid by issuing additional notes having the same terms as the PIK notes. PIK notes are subject to optional redemption at prices specified in the indenture plus accrued and unpaid interest, if any. The MRD Issuers may also be required to repurchase the PIK notes upon a change of control.

At the time the PIK notes were issued, all of MRD LLC s subsidiaries other than MEMP and BlueStone and each of their respective subsidiaries were designated as restricted subsidiaries. The indenture governing the PIK notes contains customary covenants and restrictive provisions that apply to both MRD LLC and its restricted subsidiaries, many of which will terminate if at any time no default exists under the indenture and the PIK notes receive an investment grade rating from both of two specified ratings agencies. The PIK notes are fully and unconditionally

guaranteed on a senior unsecured basis by all of MRD LLC s restricted subsidiaries, except MEMP GP and WildHorse Resources.

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WildHorse Resources is party to credit arrangements (discussed below) consisting of a credit agreement and a second lien term loan, which credit arrangements impose significant restrictions on WildHorse Resources, including limitations on WildHorse Resources ability to distribute cash to MRD LLC. For example, distributions from WildHorse Resources to MRD LLC are subject to certain conditions under WildHorse Resources credit arrangements and are limited to the lesser of (i) 50% of WildHorse Resources net income from July 1, 2013 together with, among other things, capital contributions and returns on investments and (ii) the lesser of (x) 50% of WildHorse Resources net income for the four fiscal quarters preceding any such distribution and (y) \$45,000,000. WildHorse Resources credit arrangements also include other restrictions, including restrictions on WildHorse Resources ability to enter into transactions with its affiliates, including MRD LLC.

The indenture also provides for customary and other events of default. In the case of an event of default arising from certain events of bankruptcy or insolvency, all outstanding PIK notes will become due and payable immediately without further action or notice. If any other event of default occurs and is continuing, the trustee or the holders of at least 25% in principal amount of the then outstanding PIK notes may declare all the PIK notes to be due and payable immediately.

Contemporaneous with the closing of this offering, we will issue a redemption notice to the holders of the PIK notes pursuant to which we will redeem all outstanding PIK notes 30 days after the delivery of such notice. On the redemption date, we will pay all principal and any applicable premium and accrued and unpaid interest on such notes with a portion of the net cash proceeds of this offering. Until the redemption date or any earlier discharge date of the PIK notes, we will use the amount to be paid to the holders of those notes to temporarily reduce amounts outstanding under our new revolving credit facility. We will be subject to the provisions of the PIK notes indenture until the redemption date or any earlier discharge date. We will reimburse MRD LLC for the approximately \$17.2 million of interest paid by MRD LLC in respect of the PIK notes on June 15th.

WildHorse Resources Revolving Credit Facility and Second Lien Facility (To Be Terminated At Closing)

On May 12, 2010, WildHorse Resources entered into a revolving credit facility. Borrowings under the amended revolving credit facility are secured by liens on substantially all of WildHorse Resources properties, but in any event, not less than 80% of the total value of the WildHorse Resources oil and natural gas properties.

On April 3, 2013, WildHorse Resources entered into an amended and restated credit agreement. The new revolving credit facility provides for aggregate maximum credit amounts at any time of \$1.0 billion, consisting of borrowings and letters of credit and has an initial borrowing base of \$300.0 million. The new revolving credit facility matures on April 13, 2018. The borrowing base is subject to redetermination on at least a semi-annual basis. Borrowings under the revolving credit facility are secured by liens on substantially all of WildHorse Resources properties, but in any event, not less than 80% of the total value of the WildHorse Resources oil and natural gas properties.

On June 13, 2013, WildHorse Resources entered into a \$325.0 million second lien term loan agreement that matures on December 13, 2018. No amount of second lien term loans once repaid may be reborrowed. Borrowings bear interest, at the borrower's option, at either: (i) the Alternative Base Rate (as defined within each credit facility) plus 5.25% per annum or (ii) the applicable LIBOR plus 6.25% per annum. Borrowings under the second lien term loan agreement are secured by second-priority liens on substantially all of WildHorse Resources properties, but in any event, not less than 80% of the total value of the WildHorse Resources oil and natural gas properties. The priority of the security interests in the collateral and related creditors—rights is set forth in an intercreditor agreement. The second lien term loan agreement contains customary affirmative and negative covenants, restrictive provisions and events of default.

On June 13, 2013, WildHorse Resources borrowed \$325.0 million under its second lien term loan agreement and used such borrowings to reduce outstanding indebtedness under its revolving credit facility and to pay a one-time special \$225.0 million distribution to MRD LLC. This \$225.0 million distribution was subsequently distributed to the Funds.

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In connection with the closing of this Offering, we anticipate that the WildHorse Resources revolving credit facility and second lien term loan will be repaid in full and terminated.

Black Diamond Revolving Credit Facility (Terminated)

On July 27, 2011, the Black Diamond entered into a second amended and restated revolving credit facility, which extended the maturity date of the original agreement to May 9, 2015. Borrowings under the revolving credit facility are collateralized by Black Diamond s oil and natural gas properties. On November 1, 2013, the Black Diamond revolving credit facility was terminated. There was no indebtedness outstanding or accrued interest payable on such date.

**Debt Agreements MEMP Segment** 

MEMP Revolving Credit Facility & Senior Notes

On December 14, 2011, Memorial Production Operating LLC (OLLC), a wholly-owned subsidiary of MEMP, entered into multi-year \$1.0 billion senior secured revolving credit facility with an initial borrowing base of \$300.0 million. A sixth amendment to the credit agreement was entered into on September 26, 2013, which among other things: (i) increased the facility from \$1.0 billion to \$2.0 billion and (ii) increased the borrowing base from \$480.0 million to \$920.0 million upon the closing of MEMP s \$603.0 million acquisition that closed October 1, 2013. On October 10, 2013, borrowing base was automatically reduced by \$75.0 million in conjunction with the issuance of additional senior notes as discussed below in accordance with the terms of the credit facility. Borrowings under the revolving credit facility are secured by liens on substantially all of MEMP s properties, but in any event, not less than 80% of the total value of MEMP s oil and natural gas properties, and all of MEMP s equity interests in OLLC and any future guarantor subsidiaries (other than San Pedro Bay Pipeline Company) and all of MEMP s other assets including personal property. Additionally, borrowings under the revolving credit facility bear interest, at MEMP s option, at: (i) the Alternative Base Rate defined as the greatest of (x) the prime rate as determined by the administrative agent, (y) the federal funds effective rate plus 0.50%, and (z) the one-month adjusted LIBOR plus 1.0% (adjusted upwards, if necessary, to the next 1/100th of 1%), in each case, plus a margin that varies from 0.50% to 1.50% per annum according to the borrowing base usage (which is the ratio of outstanding borrowings and letters of credit to the borrowing base then in effect), (ii) the applicable LIBOR plus a margin that varies from 1.50% to 2.50% per annum according to the borrowing base usage, or (iii) the applicable LIBOR Market Index plus a margin that varies from 1.75% to 2.75% per annum according to the borrowing base usage. The unused portion of the borrowing base will be subject to a commitment fee that varies from 0.375% to 0.50% per annum according to the borrowing base usage.

On April 17, 2013, MEMP and Finance Corp. completed a private placement of \$300.0 million aggregate principal amount of 7.625% senior unsecured notes due 2021 (the Senior Notes). The Senior Notes were issued at 98.521% of par and are fully and unconditionally guaranteed (subject to customary release provisions) on a joint and several basis by all of the MEMP s subsidiaries (other than Finance Corp., which is co-issuer of the Senior Notes, and certain immaterial subsidiaries). On May 23, 2013, the Issuers issued an additional \$100.0 million aggregate principal amount of the Senior Notes at 102% of par. The Senior Notes will mature on May 1, 2021 with interest accruing at a rate of 7.625% per annum and payable semi-annually in arrears on May 1 and November 1 of each year, commencing November 1, 2013. The Senior Notes are governed by an indenture. The Senior Notes are subject to optional redemption at prices specified in the indenture plus accrued and unpaid interest, if any. The Issuers may also be required to repurchase the Senior Notes upon a change of control. The indenture contains customary covenants and restrictive provisions, many of which will terminate if at any time no default exists under the indenture and the Senior Notes receive an investment grade rating from both of two specified ratings agencies. The indenture also provides for customary and other events of default. In the case of an event of default arising from certain events of bankruptcy or insolvency with respect to either of the Issuers, all outstanding Senior Notes will become due and payable immediately without further action or notice. If any other event of default occurs and is continuing, the trustee or the holders of at least 25% in principal amount of the then outstanding Senior Notes may declare all the Senior Notes

to be due and payable immediately. The

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Issuers have agreed pursuant to registration rights agreements to file an exchange offer registration statement or, under certain circumstances, a shelf registration statement with respect to the Senior Notes no later than April 17, 2014.

### Previous Owner Revolving Credit Facilities (Terminated)

On October 1, 2013, the debt balance then outstanding under the Boaz and Crown revolving credit facilities and all accrued interest was paid off in full and these revolving credit facilities were terminated. On October 1, 2013, the debt balance then outstanding under the Stanolind and Propel Energy revolving credit facilities and all accrued interest was paid off in full by MEMP on behalf of Stanolind and Propel Energy, respectively.

#### **Contractual Obligations**

In the table below, we set forth MRD LLC s consolidated and combined contractual obligations as of December 31, 2013. The contractual obligations that will actually be paid in future periods may vary from those reflected in the table because the estimates and assumptions are subjective.

	Payments Due by Period (in thousands)					
Contractual Obligations Total 2014 2015 - 2016 2	2017 - 2018	Beyond 2018				
Revolving credit facility(1)						
MRD Segment \$ 203,100 \$ \$	203,100	\$				
MEMP Segment 103,000	103,000					
Estimated interest payments(2)						
MRD Segment 20,242 4,671 9,342	6,229					
MEMP Segment 14,227 3,348 6,695	4,184					
Notes and Second Lien Term Loan(3)						
MRD Segment 973,500 59,700 119,400	794,400					
MEMP Segment 1,100,313 53,375 106,750	106,750	833,438				
Asset retirement obligations(4)						
MRD Segment 12,150 90 1,818	2,775	7,467				
MEMP Segment 99,619 1,878	6,373	91,368				
Decommissioning Trust Agreement(5)						
MRD Segment						
MEMP Segment 12,392 2,042 10,350						
Operating leases						
MRD Segment 16,340 1,840 4,153	5,091	5,256				
MEMP Segment 3,985 549 976	410	2,050				
Compression services						
MRD Segment 583 572 11						
MEMP Segment 6,507 6,507						
Drilling services						
MRD Segment 20,323 20,323						
MEMP Segment						
Processing Plant Demand Fees						
MRD Segment 118,182 19,347 51,606	47,229					
MEMP Segment						

Total \$2,704,463 \$172,364 \$312,979 \$1,279,541 \$939,579

(1) Represents the scheduled future maturities of principal amounts outstanding for the periods indicated. See the Notes to the Consolidated and Combined Financial Statements included elsewhere in this prospectus for information regarding our revolving credit facilities.

(2) Estimated interest payments are based on the principal amount outstanding under revolving credit facilities at December 31, 2013. In calculating these amounts, we applied the weighted-average interest rate during 2013 associated with such debt. See the Notes to the Consolidated and Combined Financial Statements included elsewhere in this prospectus for the weighted-average variable interest rate charged during 2013 under these credit facilities. In addition, the estimate of payments for interest gives effect to interest rate swap agreements that were in place at December 31, 2013.

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- (3) Represents the scheduled future interest payments and principal payments on the PIK notes, the Senior Notes and the WildHorse Resources second lien term loan. See the Notes to the Consolidated and Combined Financial Statements included elsewhere in this prospectus for information regarding debt agreements.
- (4) Asset retirement obligations represent estimated discounted costs for future dismantlement and abandonment costs. These obligations are recorded as liabilities on our December 31, 2013 balance sheet. See the Notes to the Consolidated and Combined Financial Statements included elsewhere in this prospectus for additional information regarding our asset retirement obligations.
- (5) Pursuant to a Bureau of Ocean Energy Management decommissioning trust agreement, the Partnership is required to fund a trust account to comply with supplemental regulatory bonding requirements related to decommissioning obligations for the offshore Southern California production facilities. See the Notes to the Consolidated and Combined Financial Statements included elsewhere in this prospectus for additional information.

#### **Critical Accounting Policies and Estimates**

#### Natural Gas and Oil Properties

We use the successful efforts method of accounting to account for our natural gas and oil properties. Under this method, costs of acquiring properties, costs of drilling successful exploration wells, and development costs are capitalized. The costs of exploratory wells are initially capitalized pending a determination of whether proved reserves have been found. At the completion of drilling activities, the costs of exploratory wells remain capitalized if a determination is made that proved reserves have been found. If no proved reserves have been found, the costs of each of the related exploratory wells are charged to expense. In some cases, a determination of proved reserves cannot be made at the completion of drilling, requiring additional testing and evaluation of the wells. The costs of such exploratory wells are expensed if a determination of proved reserves has not been made within a twelve-month period after drilling is complete. Exploration costs such as geological, geophysical, and seismic costs are expensed as incurred.

As exploration and development work progresses and the reserves on these properties are proven, capitalized costs attributed to the properties are subject to depreciation and depletion. Depletion of capitalized costs is provided using the units-of-production method based on proved natural gas and oil reserves related to the associated field. Capitalized drilling and development costs of producing natural gas and oil properties are depleted over proved developed reserves and leasehold costs are depleted over total proved reserves.

On the sale or retirement of a complete or partial unit of a proved property or pipeline and related facilities, the cost and related accumulated depreciation, depletion, and amortization are eliminated from the property accounts, and any gain or loss is recognized.

#### Proved Natural Gas and Oil Reserves

The estimates of proved natural gas and oil reserves utilized in the preparation of the consolidated and combined financial statements are estimated in accordance with the rules established by the SEC and the FASB. These rules require that reserve estimates be prepared under existing economic and operating conditions using a trailing 12-month average price with no provision for price and cost escalations in future years except by contractual arrangements. We intend to use NSAI to prepare a reserve report as of December 31 of each year for a vast majority of our proved reserves and to prepare internal estimates of our proved reserves as of June 30 of each year.

Reserve estimates are inherently imprecise. Accordingly, the estimates are expected to change as more current information becomes available. Oil and gas properties are depleted by field using the units-of-production method. It is possible that, because of changes in market conditions or the inherent imprecision of reserve estimates, the estimates of future cash inflows, future gross revenues, the amount of natural gas and oil reserves, the remaining estimated lives of natural gas and oil properties, or any combination of the above may be increased or reduced. Increases

in recoverable economic volumes generally reduce per unit depletion rates while decreases in recoverable economic volumes generally increase per unit depletion rates.

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A decline in proved reserves may result from lower market prices, which may make it uneconomical to drill for and produce higher cost fields. In addition, a decline in proved reserve estimates may impact the outcome of our assessment of oil and gas producing properties for impairment.

#### **Impairments**

Proved natural gas and oil properties are reviewed for impairment when events and circumstances indicate a possible decline in the recoverability of the carrying value of such properties, such as a downward revision of the reserve estimates, less than expected production, drilling results, higher operating and development costs, or lower commodity prices. The estimated undiscounted future cash flows expected in connection with the property are compared to the carrying value of the property to determine if the carrying amount is recoverable. If the carrying value of the property exceeds its estimated undiscounted future cash flows, the carrying amount of the property is reduced to its estimated fair value using Level 3 inputs. The factors used to determine fair value include, but are not limited to, estimates of proved reserves, future commodity prices, the timing of future production and capital expenditures and a discount rate commensurate with the risk reflective of the lives remaining for the respective oil and gas properties.

#### **Asset Retirement Obligations**

An asset retirement obligation associated with retiring long-lived assets is recognized as a liability on a discounted basis in the period in which the legal obligation is incurred and becomes determinable, with an equal amount capitalized as an addition to natural gas and oil properties, which is allocated to expense over the useful life of the asset. Generally, oil and gas producing companies incur such a liability upon acquiring or drilling a well. Accretion expense is recognized over time as the discounted liabilities are accreted to their expected settlement value. Upon settlement of the liability, a gain or loss is recognized to the extent the actual costs differ from the recorded liability.

#### **Incentive Units**

The governing documents of MRD LLC and certain of MRD LLC s subsidiaries, including WildHorse Resources and BlueStone, provide for the issuance of incentive units. The incentive units are subject to performance conditions that affect their vesting. Compensation cost is recognized only if the performance condition is probable of being satisfied at each reporting date.

WildHorse Resources, BlueStone and MRD LLC have each granted incentive units to certain of its members who were key employees at the time of grant. Holders of incentive units are entitled to distributions ranging from 10% to 31.5% when declared, but only after cumulative distribution thresholds (payouts) have been achieved. Payouts are generally triggered after the recovery of specified members capital contributions plus a rate of return.

Vesting of incentive units is generally dependent upon an explicit service period, a fundamental change as defined in the respective governing document, and achievement of payout. All incentive units not vested are forfeited if an employee is no longer employed. All incentive units will be forfeited if a holder resigns whether the incentive units are vested or not. If the payouts have not yet occurred, then all incentive units, whether or not vested, will be forfeited automatically (unless extended).

## Revenue Recognition

Revenue from the sale of natural gas and oil is recognized when title passes, net of royalties due to third parties. Natural gas and oil revenues are recorded using the sales method. Under this method, revenues are recognized based on actual volumes of natural gas and oil sold to purchasers, regardless of whether the sales are proportionate to our ownership in the property. An asset or a liability is recognized to the extent that we have an imbalance in excess of our proportionate share of the remaining recoverable reserves on the underlying properties.

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#### **Derivative Instruments**

Commodity derivative financial instruments (e.g., swaps, floors, collars, and put options) are used to reduce the impact of natural gas and oil price fluctuations. Interest rate swaps are used to manage exposure to interest rate volatility, primarily as a result of variable rate borrowings under credit facilities. Every derivative instrument is recorded in the balance sheet as either an asset or liability measured at its fair value. Changes in the derivative s fair value are recognized currently in earnings as we have not elected hedge accounting for any of our derivative positions.

#### Income Tax

Our predecessor is organized as a pass-through entity for federal income tax purposes. As a result, members are responsible for federal income taxes on their share of our taxable income. Certain of our predecessor s consolidated subsidiaries are taxed as corporations and subject to federal income taxes. Our predecessor is also subject to the Texas margin tax and certain aspects of the tax make it similar to an income tax as the tax is assessed on 1% of taxable margin apportioned to operations in Texas. Deferred taxes arise due to temporary differences between the financial statement carrying value of existing assets and liabilities and their respective tax basis.

Our predecessor must recognize the tax effects of any uncertain tax positions it may adopt if the position taken is more likely than not sustainable based on its technical merits. If a tax position meets such criteria, the tax effect that would be recognized by us would be the largest amount of benefit with more than a 50% chance of being realized. There were no uncertain tax positions that required recognition in the financial statements at December 31, 2013 or 2012.

Upon closing of the offering, we will be treated as a taxable C corporation and will be subject to federal and certain state income taxes. Accordingly, a pro forma income tax provision has been disclosed as if our predecessor was a taxable corporation for all periods presented. A pro forma effective tax rate of 36.06% and 35.39% was used for the years ended December 31, 2013 and 2012, respectively. If MRD LLC had affected the change in tax status on December 31, 2013, MRD LLC would have recognized a deferred tax liability of approximately \$114.9 million primarily related to the tax basis of its long-lived assets being less than its book basis in those assets. MRD LLC would not have recognized any material deferred tax assets.

#### Unaudited Pro Forma Earnings Per Share

MRD LLC has presented pro forma earnings per share for all periods presented. Pro forma net income (loss) per basic and diluted share is determined by dividing the pro forma net income (loss) by the number of common shares expected to be outstanding immediately following the Offering.

#### **Off Balance Sheet Arrangements**

As of December 31, 2013, we had no off balance sheet arrangements.

#### **Recently Issued Accounting Pronouncements**

For a discussion of recent accounting pronouncements that will affect us, see the Notes to the Consolidated and Combined Financial Statements included elsewhere in this prospectus.

## **Emerging Growth Company**

Section 107 of the JOBS Act provides that an emerging growth company can take advantage of the extended transition period provided in Section 7(a)(2)(B) of the Securities Act for complying with new or revised accounting standards, but we have irrevocably opted out of the extended transition period and, as a result, we will adopt new or revised accounting standards on the relevant dates in which adoption of such standards is required for other public companies.

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#### Quantitative and Qualitative Disclosures About Market Risk

The primary objective of the following information is to provide forward-looking quantitative and qualitative information about our potential exposure to market risk. The term market risk refers to the risk of loss arising from adverse changes in natural gas and oil prices and interest rates. The disclosures are not meant to be precise indicators of expected future losses, but rather indicators of how we view and manage our ongoing market risk exposures. All of our market risk sensitive instruments were entered into for hedging purposes, rather than for speculative trading.

#### **Commodity Price Risk**

Our cash flow from operations is subject to many variables, the most significant of which is the volatility of natural gas and oil prices. Natural gas and oil prices are determined primarily by prevailing market conditions, which are dependent on regional and worldwide economic activity, weather and other factors beyond our control. Our future cash flow from operations will depend on the prices of natural gas and oil and our ability to maintain and increase production through acquisitions and exploitation and development projects.

To reduce the impact of fluctuations in natural gas and oil prices on our revenues, or to protect the economics of property acquisitions, we periodically enter into derivative contracts with respect to a portion of our projected natural gas and oil production through various transactions that fix the future prices received. These transactions may include price swaps, whereby we will receive a fixed price for our production and pay a variable market price to the contract counterparty. Additionally, we may enter into collars, whereby we receive the excess, if any, of the fixed floor over the floating rate or pays the excess, if any, of the floating rate over the fixed ceiling price. These hedging activities are intended to support natural gas and oil prices at targeted levels and to manage our exposure to natural gas and oil price fluctuations. We do not enter derivative contracts for speculative trading purposes. Our revolving credit facility contains various covenants and restrictive provisions which, among other things, limit our ability to enter into commodity price hedges exceeding a certain percentage of production.

For additional information regarding the volumes of our production covered by commodity derivative contracts and the average prices at which production is hedged as of March 31, 2014, December 31, 2013 and December 31, 2012, see the Notes to the Consolidated and Combined Financial Statements included elsewhere in this prospectus as well as the tables below.

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At March 31, 2014, the MRD Segment had the following open commodity positions:

	Re	emaining 2014		2015		2016		2017
Natural Gas Derivative Contracts:								
Fixed price swap contracts:								
Average Monthly Volume (MMBtu)	1	,706,667	ç	940,000	$\epsilon$	570,000	5	520,000
Weighted-average fixed price	\$	4.19	\$	4.19	\$	4.32	\$	4.45
Collar contracts:								
Average Monthly Volume (MMBtu)		730,000	]	30,000				
Weighted-average floor price	\$	4.11	\$	4.00	\$		\$	
Weighted-average ceiling price	\$	5.15	\$	4.64	\$		\$	
Basis swaps:								
Average Monthly Volume (MMBtu)		270,000	1	80,000	2	220,000	2	200,000
Spread	\$	(0.07)	\$	(0.09)	\$	(0.08)	\$	(0.08)
Crude Oil Derivative Contracts:								
Fixed price swap contracts:								
Average Monthly Volume (Bbls)		23,333		9,000				
Weighted-average fixed price	\$	92.09	\$	87.36	\$		\$	
Collar contracts:								
Average Monthly Volume (Bbls)		12,000		2,000				
Weighted-average floor price	\$	86.67	\$	85.00	\$		\$	
Weighted-average ceiling price	\$	112.33	\$	101.35	\$		\$	
NGL Derivative Contracts:								
Fixed price swap contracts:								
Average Monthly Volume (Bbls)		31,667						
Weighted-average fixed price	\$	64.92	\$		\$		\$	

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At March 31, 2014, the MEMP Segment had the following open commodity positions:

		maining 2014		2015		2016		2017		2018		2019
Natural Gas Derivative Contracts:		2014		2013		2010		2017		2010		2019
Fixed price swap contracts:												
Average Monthly Volume (MMBtu)	2.	,641,206	2	2,405,278	2.	492,442	2	,300,067	2	,060,000	1	,814,583
Weighted-average fixed price	\$	4.33	\$	4.28	\$	4.41	\$	4.31	\$	4.52	\$	4.77
Collar contracts:												
Average Monthly Volume (MMBtu)		340,000		350,000								
Weighted-average floor price	\$	4.95	\$	4.62	\$		\$		\$		\$	
Weighted-average ceiling price	\$	6.19	\$	5.80	\$		\$		\$		\$	
Call spreads(1):												
Average Monthly Volume (MMBtu)		120,000		80,000								
Weighted-average sold strike price	\$	5.11	\$	5.25	\$		\$		\$		\$	
Weighted-average bought strike price	\$	6.38	\$	6.75	\$		\$		\$		\$	
Basis swaps:												
Average Monthly Volume (MMBtu)	2,	,888,889										
Spread	\$	(0.09)	\$		\$		\$		\$		\$	
Crude Oil Derivative Contracts:												
Fixed price swap contracts:												
Average Monthly Volume (Bbls)		174,308		194,281		180,313		166,600		152,000		40,000
Weighted-average fixed price	\$	95.95	\$	91.90	\$	86.05	\$	84.74	\$	84.59	\$	85.00
Collar contracts:												
Average Monthly Volume (Bbls)		23,000		5,000								
Weighted-average floor price	\$	82.83	\$	80.00	\$		\$		\$		\$	
Weighted-average ceiling price	\$	105.31	\$	94.00	\$		\$		\$		\$	
Basis swaps:												
Average Monthly Volume (Bbls)		93,667		57,500								
Spread	\$	(4.57)	\$	(9.73)	\$		\$		\$		\$	
NGL Derivative Contracts:												
Fixed price swap contracts:												
Average Monthly Volume (Bbls)		136,200		112,800								
Weighted-average fixed price	\$	36.33	\$	35.04	\$		\$		\$		\$	

<sup>(1)</sup> These transactions were entered into for the purpose of eliminating the ceiling portion of certain collar arrangements, which effectively converted the applicable collars into swaps.

At December 31, 2013, the MRD Segment had the following open commodity positions:

		2014		2015		2016	2	2017
Natural Gas Derivative Contracts:								
Fixed price swap contracts:								
Average Monthly Volume (MMBtu)	1.	,190,000	8	380,000	6	570,000	5	20,000
Weighted-average fixed price	\$	4.10	\$	4.19	\$	4.32	\$	4.45
Collar contracts:								
Average Monthly Volume (MMBtu)		330,000	1	130,000				
Weighted-average floor price	\$	4.09	\$	4.00	\$		\$	
Weighted-average ceiling price	\$	5.24	\$	4.64	\$		\$	
Basis swaps:								
Average Monthly Volume (MMBtu)		270,000	]	180,000	2	20,000	2	00,000
Spread	\$	(0.07)	\$	(0.09)	\$	(0.08)	\$	(0.08)
Crude Oil Derivative Contracts:								
Fixed price swap contracts:								
Average Monthly Volume (Bbls)		18,000		6,000				
Weighted-average fixed price	\$	91.66	\$	88.50	\$		\$	
Collar contracts:								
Average Monthly Volume (Bbls)		8,000		2,000				
Weighted-average floor price	\$	85.00	\$	85.00	\$		\$	
Weighted-average ceiling price	\$	117.50	\$	101.35	\$		\$	
NGL Derivative Contracts:								
Fixed price swap contracts:								
Average Monthly Volume (Bbls)		18,000						
Weighted-average fixed price	\$	64.27						

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At December 31, 2013, the MEMP Segment had the following open commodity positions:

		2014		2015		2016		2017		2018		2019
Natural Gas Derivative Contracts:												
Fixed price swap contracts:												
Average Monthly Volume (MMBtu)	2	2,575,458	2	,145,278	2	,342,442	2	2,230,067	2	2,060,000	1	,814,583
Weighted-average fixed price	\$	4.34	\$	4.30	\$	4.42	\$	4.31	\$	4.52	\$	4.77
Collar contracts:												
Average Monthly Volume (MMBtu)		340,000		350,000								
Weighted-average floor price	\$	4.93	\$	4.62	\$		\$		\$		\$	
Weighted-average ceiling price	\$	6.12	\$	5.80	\$		\$		\$		\$	
Call spreads(1):												
Average Monthly Volume (MMBtu)		120,000		80,000								
Weighted-average sold strike price	\$	5.08	\$	5.25	\$		\$		\$		\$	
Weighted-average bought strike price	\$	6.31	\$	6.75	\$		\$		\$		\$	
Basis swaps:												
Average Monthly Volume (MMBtu)		2,822,083										
Spread	\$	(0.09)	\$		\$		\$		\$		\$	
Crude Oil Derivative Contracts:												
Fixed price swap contracts:												
Average Monthly Volume (Bbls)		136,444		148,281		142,313		130,600		122,000		40,000
Weighted-average fixed price	\$	95.82	\$	93.07	\$	86.85	\$	85.96	\$	85.62	\$	85.00
Collar contracts:												
Average Monthly Volume (Bbls)		23,000		5,000								
Weighted-average floor price	\$	82.83	\$	80.00	\$		\$		\$		\$	
Weighted-average ceiling price	\$	105.31	\$	94.00	\$		\$		\$		\$	
Basis swaps:												
Average Monthly Volume (Bbls)		57,292		57,500								
Spread	\$	(9.21)	\$	(9.73)	\$		\$		\$		\$	
NGL Derivative Contracts:												
Fixed price swap contracts:												
Average Monthly Volume (Bbls)		118,500		112,800								
Weighted-average fixed price	\$	36.23	\$	35.04	\$		\$		\$		\$	

<sup>(1)</sup> These transactions were entered into for the purpose of eliminating the ceiling portion of certain collar arrangements, which effectively converted the applicable collars into swaps.

At December 31, 2012, the MRD Segment had the following open commodity positions:

	2013	2014	2015
Natural Gas Derivative Contracts:			
Fixed price swap contracts:			
Average Monthly Volume (MMBtu)	961,000	540,000	210,000
Weighted-average fixed price	\$ 4.08	\$ 3.96	\$ 4.09
Collar contracts:			
Average Monthly Volume (MMBtu)	661,000	430,000	130,000
Weighted-average floor price	\$ 4.61	\$ 4.18	\$ 4.00
Weighted-average ceiling price	\$ 5.56	\$ 5.10	\$ 4.64
Basis swaps:			
Average Monthly Volume (MMBtu)	230,000	230,000	390,000
Spread	\$ (0.09)	\$ (0.09)	\$ (0.09)
Crude Oil Derivative Contracts:			
Fixed price swap contracts:			
Average Monthly Volume (Bbls)	6,000		
Weighted-average fixed price	\$ 98.44	\$	\$
Collar contracts:			
Average Monthly Volume (Bbls)	22,750	14,000	2,000
Weighted-average floor price	\$ 84.66	\$ 87.86	\$ 85.00
Weighted-average ceiling price	\$ 108.89	\$ 111.34	\$ 101.35
NGL Derivative Contracts:			
Fixed price swap contracts:			
Average Monthly Volume (Bbls)	28,500	2,000	
Weighted-average fixed price	\$ 54.12	\$ 84.00	\$

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At December 31, 2012, the MEMP Segment had the following open commodity positions:

		2013		2014		2015		2016		2017	2	2018
Natural Gas Derivative Contracts:												
Fixed price swap contracts:												
Average Monthly Volume (MMBtu)	1	,017,672	1	,462,125	1	,156,112	1	,113,275	1	,020,067	90	00,000
Weighted-average fixed price	\$	4.35	\$	4.38	\$	4.28	\$	4.53	\$	4.30	\$	4.75
Collar contracts:												
Average Monthly Volume (MMBtu)	1	,014,000		340,000		350,000						
Weighted-average floor price	\$	4.76	\$	4.93	\$	4.62	\$		\$		\$	
Weighted-average ceiling price	\$	5.82	\$	6.12	\$	5.80	\$		\$		\$	
Call spreads(1):												
Average Monthly Volume (MMBtu)		430,000		120,000		80,000						
Weighted-average sold strike price	\$	4.59	\$	5.08	\$	5.25	\$		\$		\$	
Weighted-average bought strike price	\$	5.84	\$	6.31	\$	6.75	\$		\$		\$	
Basis swaps:												
Average Monthly Volume (MMBtu)		813,432	1	,318,750								
Spread	\$	(0.11)	\$	(0.09)	\$		\$		\$		\$	
Crude Oil Derivative Contracts:												
Fixed price swap contracts:												
Average Monthly Volume (Bbls)		70,632		35,102		12,031		11,013		10,000		
Weighted-average fixed price	\$	103.32	\$	94.27	\$	90.29	\$	90.39	\$	88.30	\$	
Collar contracts:												
Average Monthly Volume (Bbls)		36,750		52,158		50,000		44,000		42,000		
Weighted-average floor price	\$	84.73	\$	90.51	\$	89.00	\$	85.00	\$	85.00	\$	
Weighted-average ceiling price	\$	108.07	\$	107.03	\$	103.31	\$	103.40	\$	99.00	\$	
Call contracts:												
Average Monthly Volume (Bbls)		10,000										
Weighted-average fixed price	\$	115.00	\$		\$		\$		\$		\$	
NGL Derivative Contracts:												
Fixed price swap contracts:												
Average Monthly Volume (Bbls)		30,805		16,300								
Weighted-average fixed price	\$	53.19	\$	58.91	\$		\$		\$		\$	

<sup>(1)</sup> These transactions were entered into for the purpose of eliminating the ceiling portion of certain collar arrangements, which effectively converted the applicable collars into swaps.

#### **Interest Rate Risk**

Periodically, we enter into interest rate swaps to mitigate exposure to market rate fluctuations by converting variable interest rates such as those in our credit agreement to fixed interest rates. See the Notes to the Consolidated and Combined Financial Statements included elsewhere in this prospectus for additional information regarding fixed-for-floating interest rate swap open positions as of March 31, 2014, December 31, 2013 and December 31, 2012 as well as the tables below.

At March 31, 2014, we had the following interest rate swap open positions:

Credit Facility 2015 2016

# Remaining 2014

		<b>4</b> 011				
MEMP:						
Average Monthly Notional (in thousands)	\$	214,778	\$	280,833	\$	150,000
Weighted-average fixed rate		1.316%		1.416%		1.193%
Floating rate		1 Month LIBOR	1	Month LIBOR	1 M	onth LIBOR
WildHorse Resources:						
Average Monthly Notional (in thousands)	\$	116,667	\$	100,000	\$	
Weighted-average fixed rate		0.772%		0.758%		
Floating rate	1 & 3	3 Month LIBOR	1 & 3	Month LIBOR		

At December 31, 2013, we had the following interest rate swap open positions:

Credit Facility		2014		2015		2016
MEMP:						
Average Monthly Notional (in thousands)	\$	173,958	\$	280,833	\$	150,000
Weighted-average fixed rate		1.306%		1.416%		1.193%
Floating rate	1 Mo	onth LIBOR	1 M	onth LIBOR	1 M	onth LIBOR
WildHorse Resources:						
Average Monthly Notional (in thousands)	\$	118,750	\$	100,000	\$	
Weighted-average fixed rate		0.773%		0.758%		
Floating rate	1 Mo	nth LIBOR	1 M	onth LIBOR		

At December 31, 2012, we had the following interest rate swap open positions:

Credit Facility	2013			2014		2015		2016
MEMP:								
Average Monthly Notional (in thousands)	\$	162,500	\$	150,000	\$	150,000	\$	150,000
Weighted-average fixed rate		1.148%		1.193%		1.193%		1.193%
Floating rate	1 M	Ionth LIBOR	1 M	Ionth LIBOR	1 M	onth LIBOR	1 Me	onth LIBOR
WildHorse Resources:								
Average Monthly Notional (in thousands)	\$	150,667	\$	118,750	\$	100,000	\$	
Weighted-average fixed rate		0.779%		0.773%		0.758%		
Floating rate	1 M	Ionth LIBOR	1 M	Ionth LIBOR	1 M	onth LIBOR		
Tanos:								
Average Monthly Notional (in thousands)	\$	30,000	\$		\$		\$	
Weighted-average fixed rate		1.362%						
Floating rate	1 M	Ionth LIBOR						
WHT:								
Average Monthly Notional (in thousands)	\$	75,000	\$	25,000	\$		\$	
Weighted-average fixed rate		1.510%		1.510%				
Floating rate	1 M	Ionth LIBOR	1 M	Ionth LIBOR				
Previous Owners:								
Average Monthly Notional (in thousands)	\$	11,500		5,750	\$		\$	
Weighted-average fixed rate	0.500%			0.500%				
Floating rate	1 M	Ionth LIBOR	1 M	Ionth LIBOR				

## **Counterparty and Customer Credit Risk**

Our principal exposures to credit risk are through receivables resulting from commodity derivatives and the sale of our oil and gas production, which we market to energy companies.

By using derivative instruments that are not traded on an exchange to hedge exposures to changes in commodity prices, we expose ourselves to the credit risk of our counterparties. Credit risk is the potential failure of the counterparty to perform under the terms of the derivative contract. When the fair value of a derivative contract is positive, the counterparty is expected to owe us, which creates the credit risk. To minimize the credit risk in derivative instruments, it is our policy to enter into derivative contracts only with counterparties that are creditworthy financial institutions deemed by management as competent and competitive market-makers. The creditworthiness of our counterparties is subject to

periodic review. As of March 31, 2014, our derivative contracts are with major financial institutions, certain of which are also lenders under our revolving credit facilities. See the Notes to the Consolidated and Combined Financial Statements included elsewhere in this prospectus for additional information.

We are also subject to credit risk due to the concentration of our natural gas and oil receivables with several significant customers. We do not require our customers to post collateral, and the inability of our significant customers to meet their obligations to us or their insolvency or liquidation may adversely affect our financial results.

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#### BUSINESS

MRD LLC has two reportable business segments, both of which are engaged in the acquisition, exploitation, development and production of oil and natural gas properties:

MRD reflects all of MRD LLC s consolidating subsidiaries except for MEMP.

MEMP reflects the consolidated and combined operations of MEMP.

Because we control MEMP through our ownership of its general partner, its business and operations are consolidated with ours for financial reporting purposes, even though we own a minority of its partner interests. As a result, our financial statements and notes thereto included elsewhere in this prospectus consolidate MEMP s business and assets with ours. However, except where expressly noted to the contrary, the following discussion of our business, operations and assets and the use of the terms we, our and us excludes MEMP s business, operations and assets. See MEMP for information regarding MEMP s business and assets. In addition, because BlueStone will not be included in the assets that MRD LLC will contribute to us in connection with the restructuring transactions, unless stated otherwise, the information in this section does not include BlueStone.

We are an independent natural gas and oil company focused on the exploitation, development, and acquisition of natural gas, NGL and oil properties with a majority of our activity in the Terryville Complex of North Louisiana, where we are targeting overpressured, liquids-rich natural gas opportunities in multiple zones in the Cotton Valley formation. Our total leasehold position is 347,458 gross (205,818 net) acres, of which 60,041 gross (51,522 net) acres are in what we believe to be the core of the Terryville Complex. We are focused on creating shareholder value primarily through the development of our sizeable horizontal inventory.

MEMP is engaged in the acquisition, exploitation, development and production of oil and natural gas properties, with assets consisting primarily of producing oil and natural gas properties that are principally located in East Texas/North Louisiana, the Permian Basin, offshore Southern California, the Rockies, the Eagle Ford and South Texas. Most of MEMP s properties are located in large, mature oil and natural gas reservoirs with well-known geologic characteristics and long-lived, predictable production profiles and modest capital requirements. MEMP is focused on generating stable cash flows, to allow MEMP to make quarterly cash distributions to its unitholders and, over time, to increase those quarterly cash distributions.

**MRD** 

#### Overview

As of December 31, 2013, we had 1,582 gross (1,091 net) identified horizontal drilling locations, of which 1,431 gross (994 net) identified horizontal drilling locations are located in the Terryville Complex. These total net identified horizontal drilling locations represent an inventory of over 32 years based on our expected 2014 drilling program. We believe our inventory to be repeatable and capable of generating high returns based on the extensive production history in the area, the results of our horizontal wells drilled to date, and the consistent reservoir quality across multiple target formations. As of December 31, 2013, we had estimated proved, probable and possible reserves of approximately 1,126 Bcfe,

800 Bcfe and 1,711 Bcfe, respectively. As of such date, we operated 98% of our proved reserves, 71% of which were natural gas. For the three months ended March 31, 2014, 52% of our pro forma MRD Segment revenues were attributable to natural gas production, 24% to NGLs and 24% to oil. For the three months ended March 31, 2014, we generated pro forma MRD Segment Adjusted EBITDA of \$67 million and pro forma net income of \$15.9 million, and made pro forma capital expenditures of \$83 million. For the year ended December 31, 2013, we generated pro forma MRD Segment Adjusted EBITDA of \$159 million and pro forma net income of \$11.8 million, and made pro forma total capital expenditures of \$203 million. Please see Summary Historical Consolidated and Combined Pro Forma Financial Data Adjusted EBITDA for an explanation of the basis for the pro forma presentation and our use of Adjusted EBITDA to measure the MRD Segment s profitability.

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Our average net daily production for the three months ended March 31, 2014 was 168 MMcfe/d (approximately 70% natural gas, 21% NGLs and 9% oil) and our reserve life was 18 years. As of December 31, 2013, we produced from 95 horizontal wells and 800 vertical wells. The Terryville Complex represented 85% of our total net production for the three months ended March 31, 2014. Our estimated average net daily production for the period from April 1 through April 30, 2014 was 179 MMcfe/d, of which 73% was from natural gas. Our estimated average net daily production from our properties in the Terryville Complex for the same period was 141 MMcfe/d, or 79% of our total production. In the Terryville Complex, we have completed and brought online six additional horizontal wells since January 1, 2014, bringing our total number of producing horizontal wells to 27 in our primary formations. The 30 day production average rates of our four most recent wells averaged 25.1 MMcfe/d per well.

The following chart provides information regarding our production growth and the increasing proportion of our horizontal well production since the beginning of 2012.

#### **Our Properties**

#### Cotton Valley Overview

The Cotton Valley formation extends across East Texas, North Louisiana and Southern Arkansas. The formation has been under development since the 1930s and is characterized by thick, multi-zone natural gas and oil reservoirs with well-known geologic characteristics and long-lived, predictable production profiles. Over 21,000 vertical wells have been completed throughout the play. In 2005, operators started redeveloping the Cotton Valley using horizontal drilling and advanced hydraulic fracturing techniques. To date, operators have drilled over 600 horizontal Cotton Valley wells. Some large, analogous redevelopment projects in the Cotton Valley include the Nan-Su-Gail Field in Freestone County, East Texas, where over 40 horizontal wells have been drilled by operators such as Devon Energy Corporation and Marathon Oil Corporation, and the Carthage Complex in Panola County, East Texas, where operators such as ExxonMobil Corporation, BP America, Memorial Production Partners LP and Anadarko Petroleum Corporation have drilled over 153 horizontal wells.

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Cotton Valley Terryville Complex Horizontal Redevelopment

We are currently engaged in the horizontal redevelopment of the Terryville Complex in Lincoln Parish, Louisiana utilizing horizontal drilling and completion techniques similar to those employed at the Nan-Su-Gail Field, Carthage Complex in East Texas and other major resource plays across the United States. We have assembled a largely contiguous acreage position in the Terryville Complex of approximately 60,041 gross (51,522 net) acres as of December 31, 2013. The majority of our current and planned development is focused in and around what we believe to be the core of the Terryville Complex.

We entered the Terryville Complex via an acquisition from Petrohawk Energy Corporation in April 2010, with the goal of redeveloping the field with horizontal drilling and modern completion techniques. Since that acquisition, we have completed multiple bolt-on acquisitions and in-fill leases to build our current position. We believe the Terryville Complex, which has been producing since 1954, is one of North America's most prolific natural gas fields, characterized by high recoveries relative to drilling and completion costs, high initial production rates with high liquids yields, long reserve life, multiple stacked producing zones, available infrastructure and a large number of service providers.

After initially drilling eight vertical pilot wells in the Terryville Complex, we commenced a horizontal drilling program in 2011 to further delineate and define our position. In 2013, we shifted our operational focus to full-scale horizontal redevelopment of the Terryville Complex, going from two rigs to four rigs by the end of that year. Additionally, in the fourth quarter of 2013, we moved to drilling on multi-well pads that allow us to more efficiently drill wells and control costs as we develop our stacked pay zones. We intend to dedicate approximately \$264 million of our \$312 million drilling and completion budget in 2014 to develop multiple zones within the Terryville Complex, where we expect to drill and complete 35 gross (30 net) wells. Our horizontal redevelopment program in the Terryville Complex will be focused on increasing our well performance and recoveries.

Within the Terryville Complex, as of December 31, 2013, we had 945 Bcfe, 688 Bcfe and 1,643 Bcfe of estimated proved, probable and possible reserves, respectively, and a drilling inventory consisting of 1,431 gross (994 net) identified horizontal drilling locations, including 91 gross (72 net) drilling locations to which we have attributed proved undeveloped reserves as of December 31, 2013. Since initiating our horizontal drilling program in 2011, we have drilled 27 gross (22.0 net) horizontal wells, growing our gross daily production in the Terryville Complex by 304% from 53.0 MMcfe/d for the three months ended March 31, 2010 to 214.0 MMcfe/d for the month ended April 30, 2014. For the three months ended March 31, 2014, 51% of our revenues from the Terryville Complex were attributable to natural gas, 25% to NGLs and 24% to oil. Within the Terryville Complex, on a proved reserves basis, we operate approximately 99% of our existing acreage and hold an average working interest of approximately 74% across our acreage. Our high operating control allows us to more efficiently and economically manage the redevelopment of this extensive resource.

We believe seismic data, as well as information gathered from the results of our existing 275 vertical and 27 horizontal wells throughout the field, support the existence of at least ten stacked pay zones across the Terryville Complex. Our redevelopment program currently targets four of the stacked pay zones in the Cotton Valley formation zones we term the Upper Red, Lower Red, Lower Deep Pink and Upper Deep Pink, all of which we are developing with horizontal wells through pad drilling. These four zones have an overall thickness ranging from 400 to 890 feet across our acreage position. We believe the overpressured nature of this section of the Cotton Valley formation is highly productive when accessed through horizontal drilling and fracture stimulation technologies. These qualities, when combined with the liquids-rich nature of the natural gas, high initial rates of production and competitive well costs, produce what we believe to be amongst the highest rate of return wells in the nation. Further, there are additional opportunities for redevelopment in the zones above the four main zones. NSAI has allocated over \$1 billion PV-10 and 677 Bcfe to our possible reserve category for the redevelopment of these additional zones. Please see Reserves.

The table below details certain information on estimated ultimate recoveries and production for the 27 horizontal wells currently producing in the Terryville Complex. Our well results have shown consistency in initial production, decline rates and estimated ultimate recovery. The consistency of these results gives us confidence that the full-scale redevelopment of the Terryville Complex we began in 2013 will be successful as we move from four to five rigs in 2014.

	Lateral		Proc EUF	ducing 'R(2)	Wells	EUR			Cur	nulative	Produc	tion	A	Ra After Pr	lhead Flo tes ocessing /d)(3)(4)	)W	
	Length					Bcfe/	First	Days									D&C
Well Name(1)	(Feet)	Bcfe	%Gas	%NGL	%Oil	1,000	ProductionPr	roducin	gBcfe	%Gas	%NGL	%Oil	0-30	0-90	91-1801	81-360	(\$MM)
Upper Red Zone																	
LD Barnett 23H-2	- 1	13.6	69%	27%	4%	3.4	1/30/2012	842	4.6	71%	24%	5%	14.5	12.0	7.7	5.6	6.7
Colquitt 20 17H-1	4,357	11.2	80%	18%	2%	2.6	7/30/2012	660	3.9	82%	17%	2%	17.5	12.6	7.2	5.1	7.7
Dowling 22																	
15H-1	5,376	16.8	75%	23%	2%	3.1	9/22/2012	606	5.2	80%	18%	3%	16.3	15.6	11.1	8.2	8.8
Nobles 13H-1	4,216	11.6	66%	23%	11%	2.8	11/17/2012	550	4.3	66%	21%	13%	21.5	16.7	9.9	6.5	7.8
Sidney McCullin	4.604	160	756	226	201	2.7	1/10/2012	407		016	160	201	17.4	1.1.0	10.0	0.4	0.1
16 21H-1	4,604	16.9	75%	22%	2%	3.7	1/19/2013	487	4.5	81%	16%	3%	17.4	14.2	10.8	8.4	8.1
Wright 14 11	5.050	10.0	606	266	601	2.4	5/07/0012	250	1.0	(50)	200	0.01	10.6	10.1	16.1	0.5	0.0
HC-1 BF Fallin 22	5,250	18.0	68%	26%	6%	3.4	5/27/2013	359	4.6	65%	28%	8%	19.6	18.1	16.1	8.5	8.8
15H-1	5,122	15.6	73%	24%	3%	3.0	6/17/2013	338	3.2	74%	22%	4%	14.8	13.7	11.8		7.5
Dowling 20	3,122	13.0	13%	24%	3%	3.0	0/1//2013	336	3.2	14%	22%	4%	14.0	13.7	11.0		1.3
17H-1	4,327	8.9	73%	25%	2%	2.1	7/22/2013	303	2.1	77%	20%	3%	15.2	11.0	5.7		10.7
Gleason 31H-1	3,692	2.5	92%	8%	270	0.7	8/12/2013	282	0.5	92%	8%	3 /0	3.5	2.7	1.8		9.4
Burnett 26H-1	2,405	4.2	71%	25%	4%	1.7	9/22/2013	241	0.9	70%	26%	4%	6.9	5.5	3.3		6.6
Drewett 17 8H-1	4,010	14.0	67%	23%	10%	3.5	11/13/2013	189	2.9	61%	28%	11%	22.1	18.7	12.3		7.7
Wright 13 12	1,010	11.0	0170	2370	1070	5.5	11/15/2015	10)	2.,	0170	2070	1170	22.1	10.7	12.3		,.,
HC-2	6,009	18.1	69%	23%	8%	3.0	12/21/2013	151	2.7	78%	10%	12%	22.7	19.5			8.0
LA Minerals 15	0,007	10.1	0,70	20 70	0,0	2.0	12/21/2018	101	,	7070	1070	1270		17.0			0.0
22H-2	5,814	N/A				N/A	1/21/2014	120	1.9				18.1	16.7			9.3
TL McCrary 14	,																
11 HC-5	5,875	N/A				N/A	4/14/2014	37	0.9				25.3				7.8
Wright 13 24																	
HC-1	6,678	N/A				N/A	4/14/2014	37	0.8				23.2				8.9
Wright 13 24																	
HC-3	6,606	N/A				N/A	4/14/2014	37	1.0				28.1				7.6
Lower Red Zone																	
TL McCrary																	
14H-1	4,544	12.8	70%	27%	3%	2.8	5/1/2012	750	4.0	73%	23%	4%	14.4	11.7	8.3	5.4	7.7
Nobles 13H-2	4,060	9.2	70%	25%	5%	2.3	11/17/2012	550	3.1	69%	22%	8%	16.0	11.9	8.4	5.2	7.8
LA Methodist																	
Orphanage 14H-1	3,637	12.1	70%	24%	6%	3.3	2/15/2013	460	3.6	70%	22%	8%	13.9	13.0	9.7	6.3	9.1
Dowling 21																	
16H-1	4,590	9.4	77%	21%	1%	2.0	3/18/2013	429	2.6	84%	14%	2%	13.0	10.1	6.5	4.5	6.6
Drewett 17 8H-2	3,700	3.7	69%	24%	7%	1.0	11/13/2013	189	0.9	64%	29%	7%	8.7	6.2	3.2		6.8
Wright 13 12																	
HC-1	5,409	8.2	68%	22%	10%	1.5	12/21/2013	151	1.5	77%	10%	13%	14.7	11.3			9.1
LA Minerals 15																	
22H-1	5,926	N/A				N/A	1/21/2014	120	1.2				13.8	11.1			8.0
Wright 13 24	c 710					27/1		2=					22.0				10.0
HC-4	6,518	N/A				N/A	4/14/2014	37	0.8				23.8				10.3
Lower Deep Pink Zone																	
LA Methodist																	
Orphanage 14H-2	3,550	12.2	68%	24%	8%	3.4	2/15/2013	460	3.2	68%	21%	10%	14.2	11.6	7.6	5.6	6.1
Wright 13 12																	
HC-3	5,706	6.3	69%	23%	8%	1.1	12/21/2013	151	1.2	79%	10%	12%	12.5	9.3			7.1
Wright 13 12							10/01/20/2				40-	4.5					
HC-4	5,010	5.0	69%	22%	9%	1.0	12/21/2013	151	1.1	78%	10%	12%	11.8	8.8			6.1

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Averages																
All Wells	4,852	11.0	72%	23%	5%	2.5	322	2.5	74%	19%	7%	16.4	12.3	8.3	6.3	8.0
Upper Red	4,897	12.6	73%	22%	5%	2.7	327	2.8	75%	20%	6%	17.9	13.6	8.9	7.0	8.2
Lower Red	4,798	9.2	71%	24%	5%	2.2	336	2.2	73%	20%	7%	14.8	10.8	7.2	5.4	8.2
Lower Deep																
Pink	4,755	7.8	69%	23%	9%	1.8	254	1.8	75%	14%	11%	12.8	9.9	7.6	5.6	6.4

- (1) The majority of the wells in this table are included within our proved developed producing reserve category in our reserve report as of December 31, 2013. LA Minerals 15 22H-1, LA Minerals 15 22H-2, TL McCrary 14 11 HC-5, Wright 13 24 HC-1, Wright 13 24 HC-3 and Wright 13 24 HC-4 each started producing in 2014 so they have not been included in the year-end reserve report as proved developed producing.
- (2) EUR represents the Estimated Ultimate Recovery or sum of total gross remaining proved reserves attributable to each location in our reserve report and cumulative sales from such location. EUR is shown on a combined basis for oil/condensates, gas and NGLs, after the effects of processing.
- (3) Production data is as of May 21, 2014 and shown gross on a combined basis after the effects of processing.
- (4) Periodic flow rates start on day 4, with days 1 through 3 used to allow clean up associated with well completion. The 30-day flow rates therefore start on day 4 and continue 30 days to day 33 and the 90-day flow rates go from day 4 to day 93.

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#### East Texas

We own and operate approximately 54,337 gross (42,894 net) acres as of December 31, 2013 in Texas, where we are currently producing primarily from the Cotton Valley, Travis Peak and Bossier formations and targeting the Cotton Valley formation for future development. From January 1, 2011 through December 31, 2013, we have drilled and completed 28 gross (10.3 net) wells and are operating one rig in East Texas as of December 31, 2013. In 2014, we plan to invest \$36 million to drill and complete 8 gross (6 net) wells in East Texas in the Joaquin Field of Panola and Shelby Counties. As of December 31, 2013, we had approximately 108 gross identified horizontal drilling locations in East Texas, including 54 gross (43 net) drilling locations to which we have attributed proved undeveloped reserves as of December 31, 2013. For the three months ended March 31, 2014, our average net daily production from our East Texas properties was 21 MMcfe/d, of which 74% was natural gas. Within our East Texas properties, on a proved reserves basis, we operate approximately 94% of our existing properties.

#### Rockies

We own approximately 162,375 gross (66,191 net) acres as of December 31, 2013 in our Rockies properties and for the three months ended March 31, 2014 our average net daily production from this region was 4 MMcfe/d. In 2014, we plan to operate one rig and invest \$12 million to drill 3 gross (3 net) vertical wells in the Tepee Field of the Piceance Basin targeting the Mancos and Williams Fork formations. As of December 31, 2013, we had approximately 174 gross identified vertical drilling locations in the Tepee Field in our Rockies properties.

#### Reserves

Our estimates of proved reserves are prepared by NSAI, and our estimates of probable and possible reserves are prepared by our management and audited by NSAI. As of December 31, 2013, we had 1,126 Bcfe, 800 Bcfe and 1,711 Bcfe of estimated proved, probable and possible reserves, respectively. As of this date, our proved reserves were 71% gas and 29% NGLs and oil. Additionally, the PV-10 of our proved reserves was \$1,469 million, the PV-10 for our probable reserves was \$1,052 million and the PV-10 for our possible reserves was \$2,386 million. The following table provides summary information regarding our estimated proved, probable and possible reserves data by area based on our reserve report as of December 31, 2013 and our average net daily production by area for the three months ended March 31, 2014:

												Average
	Proved Total (Bcfe)	% Gas	% Developed	1	Proved PV-10 nillions)(1)	Probable Total (Bcfe)(2)	]	robable PV-10 nillions)(1)	Possible Total (Bcfe)(2)	1	ossible PV-10 nillions)(1)	Net Daily Production MMcfe/d
Terryville Complex	945	71%	33%	\$	1,341	688	\$	1,032	1,643	\$	2,383	143
East Texas	175	75%	29%		110	109		18	66		3	21
Rockies	6	49%	100%		18	2		2	2		1	4
Total	1,126	71%	33%	\$	1,469	800	\$	1,052	1,711	\$	2,386	168

<sup>(1)</sup> In this prospectus, we have disclosed our PV-10 based on our reserve report. PV-10 is a non-GAAP financial measure and represents the period-end present value of estimated future cash inflows from our natural gas and crude oil reserves, less future development and production costs, discounted at 10% per annum to reflect timing of future cash flows and using SEC pricing assumptions in effect at the end of the period. SEC pricing for natural gas and oil of \$3.67 per Mcf and \$93.42 per Bbl was based on the unweighted average of the first-day-of-the-month prices for each of the twelve months preceding December

2013. PV-10 differs from standardized measure, the most directly comparable GAAP financial measure, because it does not include the effects of income taxes. Moreover, GAAP does not provide a measure of estimated future net cash flows for reserves other than proved reserves. Because PV-10 estimates of probable and possible reserves are more uncertain than PV-10 and standardized estimates of proved reserves, but have not been adjusted for risk due to that uncertainty, they may not be comparable with each other. Nonetheless, we believe that PV-10 estimates for reserve categories other than proved present useful information for investors about the future net cash flows of our reserves in the absence of a comparable GAAP measure such as standardized measure. Because of this, PV-10 can be used within the industry and by creditors and securities analysts to evaluate estimated net cash flows from proved reserves on a more comparable basis. In addition, investors should be cautioned that estimates of PV-10 for probable and possible reserves, as well as the underlying volumetric estimates, are inherently more uncertain of being recovered and realized than comparable measures for proved reserves, and that the uncertainty for possible reserves is even more significant. Our PV-10 estimates of proved reserves and our standardized measure are equivalent because, prior to the

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completion of this offering, we were not subject to entity level taxation. Accordingly, no provision for federal income taxes has been provided because taxable income has been passed through to our equity holders. However, had we not been a tax exempt entity as of December 31, 2013, our estimated discounted future income tax in respect of our proved, probable and possible reserves would have been approximately \$401 million, \$368 million and \$835 million, respectively. After this offering, we will be treated as a taxable entity for federal income tax purposes and our future income taxes will be dependent upon our future taxable income. Neither PV-10 nor standardized measure represents an estimate of fair market value of our natural gas and oil properties. We and others in the industry use PV-10 as a measure to compare the relative size and value of estimated reserves held by companies without regard to the specific tax characteristics of such entities.

(2) Substantially all of our estimated probable and possible reserves are classified as undeveloped.

#### **Drilling Inventory and Capital Budget**

We intend to develop our multi-year drilling inventory by utilizing our significant expertise in horizontal drilling and fracture stimulation to grow our production, reserves and cash flow. For 2014, we have budgeted a total of \$312 million to drill and complete 46 gross (39 net) operated wells. We expect to fund our 2014 development primarily from cash flows from operations. The majority of our drilling locations and our 2014 development program are focused on the Terryville Complex, where we plan to invest \$264 million on drilling and completing 33 gross (28 net) horizontal wells and 2 gross (2 net) vertical wells. Approximately \$5.0 million of our Terryville Complex budget is allocated towards the drilling of vertical wells and routine facilities maintenance. In East Texas, we plan to invest \$36 million on drilling and completing 8 gross (6 net) horizontal wells. In the Rockies, we plan to invest \$12 million on drilling and completing 3 gross (3 net) vertical wells in the Tepee Field.

The following table provides information regarding our acreage and drilling locations by area, as of December 31, 2013, except for projected 2014 information:

	Net	WYet	D	Gross Horizontal Drilling Locations(1)(2) Total				Net Horizontal Drilling Inventory	2014 Projected Operated Net Wells to be	Projected Capital Budget		
	Acreage	WI%	Proved	Probable		Management	Gross	Net	(years)	Drilled	(\$MI	- í
Terryville Complex	96,733	74%	91	147	450	743	1,431	994	36	30	\$ 2	264
East Texas	42,894	79%	54	39	15		108	92	15	6		36
Rockies	66,191	41%		23	20		43	4		3		12
Total	205,818	59%	145	209	485	743	1,582	1,091	32	39	\$ 3	312

- (1) The above table excludes 192 proved vertical drilling locations in the reserve report in the Terryville Complex and 174 identified vertical locations based on management estimates in the Rockies.
- (2) Please see Business Our Operations Drilling Locations for more information regarding the process and criteria through which these drilling locations were identified. The drilling locations on which we actually drill will depend on the availability of capital, regulatory approval, commodity prices, costs, actual drilling results and other factors. Please see Risk Factors Risks Related to Our Business Our identified drilling locations, which are scheduled out over many years, are susceptible to uncertainties that could materially alter the occurrence or timing of their drilling. Proved, probable and possible locations are based on our reserve report. Management locations are based on management estimates of additional identified drilling locations.

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Our extensive inventory and horizontal drilling program in the Terryville Complex is currently focused on four zones within the Cotton Valley formation the Upper Red, Lower Red, Lower Deep Pink and Upper Deep Pink. The table below sets forth our drilling locations by zone as of December 31, 2013 along with the average results for the wells we have drilled within each zone. Please see Business Our Properties Cotton Valley Terryville Complex Horizontal Redevelopment for more detail on our properties in the Terryville Complex.

	Gross Horizontal Drilling Locations(1)							Average Historical Results(2) EUR(3)					Drilling	
Lower Cotton				30 Day							and Completio			
Lower Cotton	Cotton Producing Initial Wells Production								Costs					
Valley Zone	Proved Pr	robable	Possible Ma	anagement	Total D	rilled(1)	MMcfe/d)	(Bcfe)	% Gas	% NGL	% Oil	(\$1	MM)	
Upper Red	47	42	40	313	442	16	17.9	12.6	73%	22%	5%	\$	8.2	
Lower Red	40	40	36	276	392	8	14.8	9.2	71	24	5		8.2	
Lower Deep Pink	4	28	47	79	158	3	12.8	7.8	69	23	9		6.4	
Upper Deep Pink		37	42	75	154									
Other Zones			285		285									
												_		
Total Terryville Complex	91	147	450	743	1,431	27	16.4	11.0	72%	23%	5%	\$	8.0	

- (1) Please see Business Our Operations Drilling Locations for more information regarding the process and criteria through which these drilling locations were identified. The drilling locations on which we actually drill will depend on the availability of capital, regulatory approval, commodity prices, costs, actual drilling results and other factors. Please see Risk Factors Risks Related to Our Business Our identified drilling locations, which are scheduled out over many years, are susceptible to uncertainties that could materially alter the occurrence or timing of their drilling. Proved, probable and possible locations are based on our reserve report. Management locations are based on management estimates of additional identified drilling locations.
- (2) Relates to the 21 horizontal wells in the Terryville Complex included in our reserve report as proved developed reserves as of December 31, 2013. Drilling and completion costs and producing wells drilled include six additional wells that have come online since year-end.
- (3) EUR represents the Estimated Ultimate Recovery or the sum of total gross remaining proved reserves attributable to each location in our reserve report and cumulative sales from such location. EUR is shown at the wellhead on a combined basis for oil/condensates and wet gas.

Our Terryville horizontal development program in 2014 has an average working interest of 87% and our total horizontal development inventory has an average working interest of 69%.

For the Terryville Complex, our 2014 budget assumes an average cost of \$8.6 million for gross horizontal wells (\$7.5 million per net well) and is based on an average lateral length of 6,270 feet. As part of our long-term development plan, the lateral length of our planned wells is expected to increase and we expect wells within the Terryville Complex to cost on average \$9.3 million for gross wells (\$8.1 million per net well) drilled with a 7,500 foot lateral length.

#### **Business Strategies**

Our primary objective is to build shareholder value through growth in reserves, production and cash flows by developing and expanding our significant portfolio of drilling locations. To achieve our objective, we intend to execute the following business strategies:

Grow production, reserves and cash flow through the development of our extensive drilling inventory. We believe our extensive inventory of low-risk drilling locations, combined with our operating expertise, will enable us to continue to deliver production, reserve and cash flow growth and create shareholder value. As of December 31, 2013, we had assembled an aggregate drilling inventory of 1,582 gross identified

horizontal drilling locations, 90% of which are in the Terryville Complex, representing a drilling inventory of over 36 years based on our expected 2014 drilling program. We believe that the risk and uncertainty associated with our core acreage positions in the Terryville Complex has been largely reduced through our development activity, and because those positions are in areas with extensive drilling and production history. Since initiating our horizontal drilling program with one rig in 2011, we have invested over \$349 million in the Terryville Complex through March 31, 2014. With four rigs running in the Terryville Complex as of December 31, 2013, we are one of the most active drillers in the Cotton Valley formation. We intend to dedicate approximately \$264 million of our \$312 million drilling and completion budget in 2014 to develop the overpressured

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liquids-rich Terryville Complex through multi-well pad drilling. We believe multiple vertically stacked producing horizons in the Terryville Complex can be developed using horizontal drilling techniques, thus enhancing the economics of this field.

Enhance returns through prudent capital allocation and continued improvements in operational and capital efficiencies. We continually monitor and adjust our drilling program with the objective of achieving the highest total returns on our portfolio of drilling opportunities. We believe we will achieve this objective by (i) minimizing the capital costs of drilling and completing horizontal wells through knowledge of the target formations, (ii) maximizing well production and recoveries by optimizing lateral length, the number of frac stages, perforation intervals and the type of fracture stimulation employed, (iii) targeting specific zones within our leasehold position to maximize our hydrocarbon mix based on the existing commodity price environment and (iv) minimizing operating costs through efficient well management.

*Exploit additional development opportunities on current acreage.* Our existing asset base provides numerous opportunities for our highly experienced technical team to create shareholder value by increasing our inventory beyond our currently identified drilling locations and ultimately by growing our estimated proved reserves. In the Terryville Complex, we are currently targeting multiple stacked horizons. We also believe our East Texas region has a significant inventory of low-risk, liquids-rich horizontal drilling locations. Finally, we continue to evaluate our leasehold positions in the Rockies and have preliminarily identified over 170 potential vertical locations.

Maintain a disciplined, growth oriented financial strategy. We intend to fund our growth primarily with internally generated cash flows while maintaining ample liquidity and access to the capital markets. Furthermore, we plan to hedge a significant portion of our expected production to reduce our exposure to downside commodity price fluctuations and enable us to protect our cash flows and maintain liquidity to fund our drilling program. Since approximately 76% of our acreage in the Terryville Complex was held by production as of December 31, 2013 and no significant drilling commitments are needed to hold our remaining acreage in the near term, we are able to allocate capital among projects in a manner that optimizes both costs and returns, resulting in a highly efficient drilling program.

Make opportunistic acquisitions that meet our strategic and financial objectives. We will seek to acquire oil and gas properties that we believe complement our existing properties in our core areas of operation. In addition to our focus on the Terryville Complex, we are pursuing other properties that provide opportunities for the addition of reserves and production through a combination of exploitation, development, high-potential exploration and control of operations. We follow a technology driven strategy to establish large, contiguous leasehold positions in the core of prolific basins and opportunistically add to those positions through bolt-on acquisitions over time. We entered into the Terryville Complex through strategic acquisitions and grassroots leasing efforts, amassing a land position of 96,733 net acres, 51,522 net acres of which we believe to be in the core of the play. We will continue to identify and opportunistically acquire additional acreage and producing assets to complement our multi-year drilling inventory.

#### **Competitive Strengths**

We believe that the following strengths will allow us to successfully execute our business strategies.

Large, concentrated position in one of North America s leading plays. We own approximately 60,041 gross (51,522 net) acres in what we believe to be the core of the Terryville Complex in Lincoln Parish, which we believe to be one of North America s most prolific liquids-rich natural gas fields, characterized by consistent and predictable geology and multiple stacked pay formations confirmed by extensive vertical well control. Through December 31, 2013, our drilling program in the Terryville Complex has produced some of the top performing gas wells in the United States in the previous two years, with single horizontal well results having achieved EURs averaging 11.0 Bcfe per well. Through May 21, 2014, we have brought 27 wells online with average 30-day initial production rates of 16.4 MMcfe/d and average drilling and completion

costs of \$8.0 million per well.

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Approximately 76% of our acreage in the Terryville Complex was held by production at December 31, 2013 and there are no significant lease expirations until 2017. Additionally, all of our acreage in this play can be held by running a one rig program over the next 18 months.

De-risked acreage position with multi-year inventory of liquids-rich drilling opportunities. As of December 31, 2013, we had a drilling inventory consisting of 1,582 gross identified horizontal drilling locations, of which approximately 145 are gross proved undeveloped locations. Based on our expected 2014 drilling program and net identified drilling locations, we have over 32 years of liquids-rich drilling inventory. The majority of our drilling activity has been and will continue to be focused in the Terryville Complex, where we produce liquids-rich natural gas from the overpressured Cotton Valley formation. We have used subsurface data from our vertical wells coupled with 3-D seismic data to identify and prioritize our inventory based on returns. This liquids-rich gas formation allows for NGL processing that, when coupled with the condensate produced, results in strong well economics. For the three months ended March 31, 2014, 52% of our pro forma MRD Segment revenues were attributable to natural gas, 24% to NGLs and 24% to oil.

Significant operational control with low cost operations. On a proved reserves basis, we operate 99% of our properties and have operational control of all of our drilling inventory in the Terryville Complex. We believe maintaining operational control will enable us to enhance returns by implementing more efficient and cost-effective operating practices, through the selection of economic drilling locations, opportunistic timing of development, continuous improvement of drilling, completion and stimulation techniques and development on multi-well pads. As a result of the contiguous nature of our leasehold in the Terryville Complex and its geologic continuity, we are able to drill consistently long laterals, averaging over 4,800 lateral feet, which helps us to reduce costs on a per-lateral foot basis and increase our returns. We expect the average lateral length of the 35 gross wells that we expect to drill in the Terryville Complex in 2014 to be 6,400 feet per well. Operating in mature basins in North Louisiana and East Texas allows us to take advantage of the available and extensive midstream infrastructure and accelerate our development plan without encountering significant constraints in either takeaway or processing capacity. Our operational control allows us to focus on operating efficiency, which has resulted in our MRD Segment lease operating costs declining 20% from \$0.47 per Mcfe for the three months ended March 31, 2013 to \$0.38 per Mcfe for the three months ended March 31, 2014.

Proven and incentivized executive and technical team. We believe our management and technical teams are one of our principal competitive strengths due to our team s significant industry experience and long history of working together in the identification, execution and integration of acquisitions, cost efficient management of profitable, large scale drilling programs and a focus on rates of return. Additionally, our technical team has substantial expertise in advanced drilling and completion technologies and decades of expertise in operating in the North Louisiana and East Texas regions. The members of our management team collectively have an average of 22 years of experience in the oil and natural gas industry. John A. Weinzierl, our Chief Executive Officer, has 24 years of oil and natural gas industry experience as a petroleum engineer, a strong commercial and technical background and extensive experience acquiring and managing oil and natural gas properties. Our management team has a significant economic interest in us directly and through its equity interests in our controlling stockholder, MRD Holdco. We believe our management team is motivated to deliver high returns, create shareholder value and maintain safe and reliable operations.

Our relationship with MEMP. We own a 0.1% general partner interest in MEMP through our ownership of its general partner as well as 50% of MEMP s incentive distribution rights. MEMP s objective as a master limited partnership is to generate stable cash flows, allowing it to make quarterly distributions to its limited partners and, over time, to increase those quarterly distributions. As a result of its familiarity with our management team and our asset base and our track record of prior drop-down transactions, we believe that MEMP is a natural purchaser of properties from us that meet its acquisition criteria. We believe this mutually beneficial relationship enhances MEMP s ability to generate consistent returns on its oil and natural gas properties, provides us with a growing source of cash flow from our partnership interests in MEMP and allows us to monetize producing non-core properties. Since MEMP s initial public offering, we have consummated

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drop-down transactions with MEMP totaling approximately \$376 million. In addition, we may have the opportunity to work jointly with MEMP to pursue certain acquisitions of oil and natural gas properties that may not otherwise be attractive acquisition candidates for either of us individually. While we believe that MEMP would be a preferred acquirer of our mature, non-core assets, we are under no obligation to offer to sell, and it is under no obligation to offer to buy, any of our properties.

Financial strength and flexibility. During 2013, we generated \$159 million of pro forma MRD Segment Adjusted EBITDA and made pro forma total capital expenditures of \$203 million. During the three months ended March 31, 2014, we generated pro forma MRD Segment Adjusted EBITDA of \$67 million and pro forma net income of \$15.9 million, and made pro forma capital expenditures of \$83 million. We intend to continue to fund our organic growth predominantly with internally generated cash flows while maintaining ample liquidity for opportunistic acquisitions. We will continue to maintain a disciplined approach to spending whereby we allocate capital in order to optimize returns and create shareholder value. We seek to protect these future cash flows and liquidity levels by maintaining a three-to-five year rolling hedge program. Pro forma as of March 31, 2014 for this offering and the restructuring transactions (including the redemption of the PIK notes for approximately \$363 million 30 days after the closing of this offering), we expect our total liquidity, consisting of cash on hand and available borrowing capacity under our new revolving credit facility, to be in excess of \$140 million.

#### **Acquisition History**

We built out our leasehold positions in North Louisiana, East Texas and the Rocky Mountains primarily through the following acquisition activities:

In November 2007, we acquired interests in the Joaquin Field, which is the core of our East Texas acreage;

In December 2007, we acquired interests in the Tepee Field in the Piceance Basin in Colorado;

In April and May 2010, we acquired interests in the Terryville Complex and other North Louisiana fields, which are the core of our North Louisiana acreage;

In November 2010, we acquired interests in the Spider and E. Logansport Fields in North Louisiana;

In May 2012, we acquired interests in the Terryville Complex and Double A Field in North Louisiana and East Texas;

In April 2013, we acquired interests in the West Simsboro and Simsboro Fields of the Terryville Complex in North Louisiana;

In November 2013, we acquired the remaining equity interests in Classic Hydrocarbons Holdings, L.P., Classic Hydrocarbons GP Co., L.L.C. and Black Diamond Minerals, LLC, which hold oil and natural gas properties in East Texas, North Louisiana and the Rocky Mountains; and

In February 2014, we repurchased net profits interests in the Terryville Complex from an affiliate of NGP for \$63.4 million after customary adjustments. These net profits interests were originally sold to the NGP affiliate upon the completion of certain acquisitions in 2010 by WildHorse Resources.

#### 2013 and 2014 Capital Budget

During 2013, we invested approximately \$190 million of capital to drill 31 gross (21.3 net) wells. A substantial portion of our development program is focused on horizontal drilling of liquids rich wells in the Terryville Complex, where we spent approximately \$163 million in capital expenditures to drill 15 gross (12.1 net) horizontal wells during 2013.

In 2014, we have budgeted a total of \$312 million to drill and complete 46 gross (39 net) operated wells, which includes \$83 million of capital expenditures we made during the three months ended March 31, 2014 (including \$61 million of capital expenditures we made in the Terryville Complex). We expect to fund our 2014 development primarily from cash flows from operations. The majority of our drilling locations and our 2014 development program are focused on the Terryville Complex, where we plan to invest \$264 million on

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drilling and completing 33 gross (28 net) horizontal wells and 2 gross (2.0 net) vertical wells. We plan to run four to five rigs during 2014 targeting primarily our four primary zones within the Cotton Valley the Upper Red, Lower Red, Lower Deep Pink and Upper Deep Pink. Total vertical depth of these zones ranges from 8,200 to 11,200 feet.

In our East Texas properties in the Joaquin Field, we plan to spend development capital of \$36 million running one rig to drill 8 gross (6 net) horizontal wells targeting the Cotton Valley formation at vertical depths of 6,000 to 10,000 feet.

In our Rockies properties, we plan to spend \$12 million of development capital, primarily in the Tepee Field in the Piceance Basin in Colorado focused on completing 3 wells drilled in fourth quarter of 2013 and running 1 rig to drill an additional 3 operated wells.

#### **Our Equity Owners**

Our principal stockholder is MRD Holdco, which is controlled by the Funds, which are three of the private equity funds managed by NGP. Upon completion of this initial public offering, MRD Holdco, the selling stockholder in this offering, will own approximately 55.8% of our common stock (or approximately 52.4% if the underwriters option to purchase additional shares from MRD Holdco is exercised in full). The Funds also collectively indirectly own 50% of MEMP s incentive distribution rights. We are also a party to certain other agreements with MRD Holdco, MRD LLC, the Funds and certain of their affiliates. For a description of these agreements, please read Certain Relationships and Related Party Transactions.

Additionally, upon the closing of this initial public offering, certain former management members of WildHorse Resources will own approximately 22.0% of our common stock. Upon completion of this offering, we will enter into a services agreement with WildHorse Resources Management Company, LLC, which will be a subsidiary of WildHorse Resources II, LLC. NGP and certain former management members of WildHorse Resources own WildHorse Resources II, LLC. For a description of this services agreement, please read Certain Relationships and Related Party Transactions.

Founded in 1988, NGP is a family of private equity investment funds, with cumulative committed capital of approximately \$10.5 billion since inception, organized to make investments in the natural resources sector. NGP is part of the investment platform of NGP Energy Capital Management, a premier investment franchise in the natural resources industry, which together with its affiliates has managed approximately \$13 billion in cumulative committed capital since inception.

#### Relationship with Memorial Production Partners LP

Through our ownership of its general partner, we control MEMP, a publicly traded limited partnership. In addition to the general partner interest, we also own 50% of MEMP s incentive distribution rights.

MEMP is engaged in the acquisition, exploitation, development and production of oil and natural gas properties in the United States, with assets consisting primarily of producing oil and natural gas properties that are located in East Texas/North Louisiana, the Permian Basin, offshore

Southern California, the Rockies, the Eagle Ford and South Texas. Most of MEMP s properties are located in large, mature oil and natural gas reservoirs with well-known geologic characteristics and long-lived, predictable production profiles and modest capital requirements. As of December 31, 2013:

MEMP  $\,$ s total estimated proved reserves were approximately 1,015 Bcfe, of which approximately 60% were natural gas and 61% were classified as proved developed reserves; and

MEMP produced from 2,866 gross (1,663 net) producing wells across its properties, with an average working interest of 58%.

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In accordance with MEMP s limited partnership agreement, incentive distribution rights represent the right to receive an increasing percentage of quarterly distributions of MEMP s available cash from operating surplus after the minimum quarterly distribution and the target distribution levels have been achieved. The minimum quarterly distribution is \$0.4750 (\$1.90 on an annualized basis) per unit. MEMP GP owns 50% of the incentive distribution rights, which are freely transferable under the MEMP limited partnership agreement. After the closing of this offering, we will own 100% of the voting and economic interests in MEMP GP, and MEMP GP will own 50% of the MEMP incentive distribution rights. The incentive distribution rights are payable as follows:

If for any quarter:

MEMP has distributed available cash from operating surplus to the common and subordinated unitholders in an amount equal to the minimum quarterly distribution; and

MEMP has distributed available cash from operating surplus on outstanding common units in an amount necessary to eliminate any cumulative arrearages in payment of the minimum quarterly distribution;

then, MEMP will distribute any additional available cash from operating surplus for that quarter among the unitholders and the general partner in the following manner:

first, 99.9% to all unitholders, pro rata, and 0.1% to the holders of the incentive distribution rights (50% of which are owned by MEMP GP), until each unitholder receives a total of \$0.54625 per unit for that quarter;

second, 85.0% to all unitholders, pro rata, and 15.0% to the holders of the incentive distribution rights (50% of which are owned by MEMP GP), until each unitholder receives a total of \$0.59375 per unit for that quarter;

thereafter, 75.0% to all unitholders, pro rata, and 25.0% to the holders of the incentive distribution rights (50% of which are owned by MEMP GP).

Since December 2011, MEMP has increased its quarterly cash distribution from \$0.4750 (\$1.90 on an annualized basis) per unit to \$0.5500 (\$2.20 on an annualized basis) per unit, which is its most recently annualized distribution.

MRD LLC currently provides and, following the closing of this offering, we will provide management, administrative, and operations personnel to MEMP under an omnibus agreement. Pursuant to that omnibus agreement, MEMP will be required to reimburse us for all expenses incurred by us (or payments made on MEMP s behalf) in conjunction with our provision of general and administrative services to MEMP, including its public company expenses and an allocated portion of the salary and benefits of the executive officers of MEMP s general partner and our other employees who perform services for MEMP or on MEMP s behalf. Please read Certain Relationships and Related Party Transactions Omnibus Agreement for more information about the omnibus agreement.

We view our relationship with MEMP as a part of our strategic alternatives, and we believe that MEMP will be incentivized to acquire additional suitable assets from us and to pursue acquisitions jointly with us in the future. However, MEMP will regularly evaluate acquisitions and may elect to acquire properties in the future without offering us the opportunity to participate in those transactions. Moreover, after this offering, MEMP will continue to be free to act in a manner that is beneficial to its interests without regard to ours, which may include electing

not to acquire additional assets from us. Although we believe MEMP will desire to acquire properties from us for purchase, MEMP will not have any obligation to acquire properties from us. If MEMP chooses not to acquire properties from us, then our ability to monetize our proved developed properties may be impaired, which could adversely affect our cash flow and net income.

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**Our Operations** 

#### Preparation of Reserve Estimates

Oil and natural gas reserve engineering is inherently a subjective process of estimating underground accumulations of oil and natural gas that cannot be measured exactly. The accuracy of any reserve estimate is a function of the quality of available data and engineering and geological interpretation and judgment. Accordingly, reserve estimates may vary from the quantities of oil and natural gas that are ultimately recovered. For a discussion of risks associated with reserve estimates, please read Risk Factors Risks Related to Our Business Reserve estimates depend on many assumptions that may turn out to be inaccurate. Any material inaccuracies in our reserve estimates or underlying assumptions will materially affect the quantities and present value of our reserves.

Evaluation and Review of Estimated Reserves. Our historical proved reserve estimates and MEMP s historical proved reserve estimates were prepared by NSAI, our independent petroleum engineers. The technical persons responsible for preparing our proved reserve estimates meet the requirements with regard to qualifications, independence, objectivity and confidentiality set forth in the Standards Pertaining to the Estimating and Auditing of Oil and Gas Reserves Information promulgated by the Society of Petroleum Engineers. NSAI does not own an interest in any of our properties, nor is it employed by us on a contingent basis. A copy of NSAI s summary reserve report regarding our proved reserves as of December 31, 2013 is included as Appendix B-1 to this prospectus. A copy of NSAI s audit letter regarding the management report of our probable and possible reserves as of December 31, 2013 is included as Appendix B-2 to this prospectus. A copy of NSAI s summary reserve report regarding the MEMP proved reserves as of December 31, 2013 (the MEMP Reserve Report ) is included as Exhibit 99.3 to the registration statement of which this prospectus forms a part.

Our historical probable and possible reserve estimates were prepared by us and audited by NSAI. We maintain an internal staff of petroleum engineers and geoscience professionals who work closely with our independent reserve engineers to ensure the integrity, accuracy and timeliness of the data used to calculate our estimated reserves and MEMP s proved reserves. Our technical team meets regularly with NSAI reserve engineers to review properties and discuss the assumptions and methods used in the reserve estimation process. We provide historical information to NSAI for our properties and MEMP s properties, such as ownership interest, oil and natural gas production, well test data, commodity prices and operating and development costs.

Internal Engineers. John D. Williams is our technical person at MRD LLC primarily responsible for liaison with and oversight of our and MEMP s third-party reserve engineers, NSAI, which prepared the reserve report for our properties and MEMP s properties, as of December 31, 2013. Mr. Williams has been practicing petroleum engineering at MRD LLC since March 2012. Mr. Williams is a Registered Professional Engineer in the State of Texas with over 17 years experience in the estimation and evaluation of reserves. From April 2005 to March 2012, he held various positions at Southwestern Energy Company, most recently as Reservoir Engineering Manager. From August 1998 to April 2005, he served in various capacities at Ryder Scott Company, which culminated in his serving as Vice President. Mr. Williams is a graduate of the University of Texas at Austin with a Bachelor of Science Degree in Petroleum Engineering and with a Master of Science Degree in Petroleum Engineering.

NSAI is an independent oil and natural gas consulting firm. No director, officer, or key employee of NSAI has any financial ownership in us, MRD LLC, the Funds, or any of their respective affiliates. NSAI s compensation for the required investigations and preparation of its report is not contingent upon the results obtained and reported. NSAI has not performed other work for us, MRD LLC, the Funds, or any of their respective affiliates that would affect its objectivity. The estimates of proved reserves at December 31, 2013 presented in the NSAI reports were overseen by Mr. Justin S. Hamilton; Mr. David E. Nice; Mr. Richard B. Talley, Jr.; Mr. Philip S. (Scott) Frost; Mr. Joseph J. Spellman; Mr. Eric J. Stevens; Mr. Craig H. Adams; Mr. Nathan C. Shahan; Mr. J. Carter Henson, Jr., Mr. Allen E. Evans, Jr. and Mr. William J. Knights.

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Justin Hamilton has been practicing consulting petroleum engineering at NSAI since 2004. Mr. Hamilton is a Licensed Professional Engineer in the State of Texas (License No. 104999) and has over 13 years of practical experience in petroleum engineering, with over 13 years of experience in the estimation and evaluation of reserves. He graduated from Brigham Young University in 2000 with a B.S. in mechanical engineering and from the University of Texas in 2007 with an M.B.A.

David Nice has been practicing consulting petroleum geology at NSAI since 1998. Mr. Nice is a Licensed Professional Geoscientist in the State of Texas (License No. 346) and has over 28 years of practical experience in petroleum geosciences, with over 15 years of experience in the estimation and evaluation of reserves. He graduated from University of Wyoming in 1982 with a B.S. in geology and in 1985 with an M.S. in geology.

Richard Talley has been practicing consulting petroleum engineering at NSAI since 2004. Mr. Talley is a Licensed Professional Engineer in the State of Texas (License No. 102425) and in the State of Louisiana (License No. 36998) and has over 15 years of practical experience in petroleum engineering, with over 9 years of experience in the estimation and evaluation of reserves. He graduated from University of Oklahoma in 1998 with a B.S. in mechanical engineering and from Tulane University in 2001 with an M.B.A.

Scott Frost has been practicing consulting petroleum engineering at NSAI since 1984. Mr. Frost is a Licensed Professional Engineer in the State of Texas (License No. 88738) and has over 30 years of practical experience in petroleum engineering, with over 30 years of experience in the estimation and evaluation of reserves. He graduated from Vanderbilt University in 1979 with a B.E. in mechanical engineering and from Tulane University in 1984 with an M.B.A.

Joseph Spellman has been practicing consulting petroleum engineering at NSAI since 1989. Mr. Spellman is a Licensed Professional Engineer in the State of Texas (License No. 73709) and has over 30 years of practical experience in petroleum engineering, with over 30 years of experience in the estimation and evaluation of reserves. He graduated from University of Wisconsin-Platteville in 1980 with a B.S. in civil engineering.

Eric Stevens has been practicing consulting petroleum engineering at NSAI since 2007. Mr. Stevens is a Licensed Professional Engineer in the State of Texas (License No. 102415) and has over 11 years of practical experience in petroleum engineering, with over 11 years of experience in the estimation and evaluation of reserves. He graduated from Brigham Young University in 2002 with a B.S. in mechanical engineering.

Craig Adams has been practicing consulting petroleum engineering at NSAI since 1997. Mr. Adams is a Licensed Professional Engineer in the State of Texas (License No. 68137) and has over 29 years of practical experience in petroleum engineering, with over 17 years of experience in the estimation and evaluation of reserves. He graduated from Texas Tech University in 1985 with a B.S. in petroleum engineering.

Nathan Shahan has been practicing consulting petroleum engineering at NSAI since 2007. Mr. Shahan is a Licensed Professional Engineer in the State of Texas (License No. 102389) and has over 12 years of practical experience in petroleum engineering, with over 7 years of experience in the estimation and evaluation of reserves. He graduated from Texas A&M University in 2002 with a B.S. in petroleum engineering and in 2007 with a M.E. in petroleum engineering.

Allen Evans has been practicing consulting petroleum geology at NSAI since 1996. Mr. Evans is a Licensed Professional Geoscientist in the State of Texas (License No. 1286) and has over 30 years of practical experience in petroleum geosciences, with over 30 years of experience in the estimation and evaluation of reserves. He graduated from Old Dominion University in 1981 with a B.S. in geology and in 1987 with a M.S.

in geology.

Carter Henson has been practicing consulting petroleum engineering at NSAI since 1989. Mr. Henson is a Licensed Professional Engineer in the State of Texas (License No. 73964) and has over 30 years of practical experience in petroleum engineering, with over 25 years of experience in the estimation and evaluation of reserves. He graduated from Rice University in 1981 with a B.S. in mechanical engineering.

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William Knights has been practicing consulting petroleum geology at NSAI since 1991. Mr. Knights is a Licensed Professional Geoscientist in the State of Texas (License No. 1532) and has over 30 years of practical experience in petroleum geosciences, with over 30 years of experience in the estimation and evaluation of reserves. He graduated from Texas Christian University in 1981 with a B.S. in geology and in 1984 with a M.S. in geology.

All eleven technical principals meet or exceed the education, training, and experience requirements set forth in the Standards Pertaining to the Estimating and Auditing of Oil and Gas Reserves Information promulgated by the Society of Petroleum Engineers; all eleven are proficient in applying industry standard practices to engineering and geoscience evaluations as well as applying SEC and other industry reserves definitions and guidelines.

Estimation of Proved Reserves. Under SEC rules, proved reserves are those quantities of oil and natural gas, which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible from a given date forward, from known reservoirs and under existing economic conditions, operating methods and government regulations prior to the time at which contracts providing the right to operate expire, unless evidence indicates that renewal is reasonably certain, regardless of whether deterministic or probabilistic methods are used for the estimation. If deterministic methods are used, the SEC has defined reasonable certainty for proved reserves as a high degree of confidence that the quantities will be recovered. All of our proved reserves and MEMP s proved reserves as of December 31, 2013 were estimated using a deterministic method. The estimation of reserves involves two distinct determinations. The first determination results in the estimation of the quantities of recoverable oil and natural gas and the second determination results in the estimation of the uncertainty associated with those estimated quantities in accordance with the definitions established under SEC rules. The process of estimating the quantities of recoverable oil and natural gas reserves relies on the use of certain generally accepted analytical procedures. These analytical procedures fall into four broad categories or methods: (1) production performance-based methods; (2) material balance-based methods; (3) volumetric-based methods; and (4) analogy. These methods may be used singularly or in combination by the reserve evaluator in the process of estimating the quantities of reserves. Reserves for proved developed producing wells were estimated using production performance methods for the vast majority of properties. Certain new producing properties with very little production history were forecast using a combination of production performance and analogy to similar production, both of which are considered to provide a relatively high degree of accuracy. Non-producing reserve estimates, for developed and undeveloped properties, were forecast using either volumetric or analogy methods, or a combination of both. These methods provide a relatively high degree of accuracy for predicting proved developed non-producing and proved undeveloped reserves for our properties, due to the mature of the properties targeted for development and an abundance of subsurface control data.

To estimate economically recoverable proved reserves and related future net cash flows, NSAI considered many factors and assumptions, including the use of reservoir parameters derived from geological, geophysical and engineering data which cannot be measured directly, economic criteria based on current costs and the SEC pricing requirements and forecasts of future production rates.

Under SEC rules, reasonable certainty can be established using techniques that have been proven effective by actual production from projects in the same reservoir or an analogous reservoir or by other evidence using reliable technology that establishes reasonable certainty. Reliable technology is a grouping of one or more technologies (including computational methods) that has been field tested and has been demonstrated to provide reasonably certain results with consistency and repeatability in the formation being evaluated or in an analogous formation. To establish reasonable certainty with respect to our estimated proved reserves, the technologies and economic data used in the estimation of our proved reserves have been demonstrated to yield results with consistency and repeatability, and include production and well test data, downhole completion information, geologic data, electrical logs, radioactivity logs, core analyses, available seismic data and historical well cost and operating expense data.

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Estimation of Probable and Possible Reserves. Estimates of probable reserves are inherently imprecise. When producing an estimate of the amount of oil and natural gas that is recoverable from a particular reservoir, an estimated quantity of probable reserves is an estimate of those additional reserves that are less certain to be recovered than proved reserves but which, together with proved reserves, are as likely as not to be recovered. Estimates of probable reserves are also continually subject to revisions based on production history, results of additional exploration and development, price changes and other factors.

When deterministic methods are used, it is as likely as not that actual remaining quantities recovered will exceed the sum of estimated proved plus probable reserves. When probabilistic methods are used, there should be at least a 50% probability that the actual quantities recovered will equal or exceed the proved plus probable reserves estimates. Probable reserves may be assigned to areas of a reservoir adjacent to proved reserves where data control or interpretations of available data are less certain, even if the interpreted reservoir continuity of structure or productivity does not meet the reasonable certainty criterion. Probable reserves may be assigned to areas that are structurally higher than the proved area if these areas are in communication with the proved reservoir. Probable reserves estimates also include potential incremental quantities associated with a greater percentage recovery of the hydrocarbons in place than assumed for proved reserves.

Estimates of possible reserves are also inherently imprecise. When producing an estimate of the amount of oil and natural gas that is recoverable from a particular reservoir, an estimated quantity of possible reserves is an estimate that might be achieved, but only under more favorable circumstances than are likely. Estimates of possible reserves are also continually subject to revisions based on production history, results of additional exploration and development, price changes and other factors.

When deterministic methods are used, the total quantities ultimately recovered from a project have a low probability of exceeding proved plus probable plus possible reserves. When probabilistic methods are used, there should be at least a 10% probability that the total quantities ultimately recovered will equal or exceed the proved plus probable plus possible reserves estimates. Possible reserves may be assigned to areas of a reservoir adjacent to probable reserve where data control and interpretations of available data are progressively less certain. Frequently, this will be in areas where geoscience and engineering data are unable to define clearly the area and vertical limits of commercial production from the reservoir. Possible reserves also include incremental quantities associated with a greater percentage of recovery of the hydrocarbons in place than the recovery quantities assumed for probable reserves.

Possible reserves may be assigned where geoscience and engineering data identify directly adjacent portions of a reservoir within the same accumulation that may be separated from proved areas by faults with displacement less than formation thickness or other geological discontinuities and that have not been penetrated by a wellbore, and the registrant believes that such adjacent portions are in communication with the known (proved) reservoir. Possible reserves may be assigned to areas that are structurally higher or lower than the proved area if these areas are in communication with the proved reservoir.

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### Estimated Reserves

The table below identifies our reserves as of December 31, 2013 per our reserve report for our three areas:

	Oil (MBbl)	Natural Gas (MMcf)	NGLs (MBbl)	Total (MMcfe)
Proved Developed				
Terryville Complex	2,933	220,588	12,050	310,484
East Texas	165	40,435	1,678	51,492
Rockies	306	2,774	176	5,665
Total Proved Developed	3,403	263,797	13,905	367,641
Proved Undeveloped				
Terryville Complex	7,585	448,123	23,402	634,049
East Texas	323	90,334	5,270	123,887
Rockies				
Total Proved Undeveloped	7,908	538,457	28,672	757,936
Total Proved				
Terryville Complex	10,518	668,711	35,452	944,533
East Texas	487	130,769	6,948	175,379
Rockies	306	2,774	176	5,665
Total Proved Reserves	11,311	802,254	42,577	1,125,577
Probable(1)				
Terryville Complex	10,041	453,902	29,056	688,486
East Texas	285	79,765	4,653	109,392
Rockies	153	1,519		2,439
Total Probable Reserves	10,480	535,185	33,709	800,317
Possible(1)				
Terryville Complex	36,098	1,031,112	65,869	1,642,911
East Texas	172	48,299	2,817	66,239
Rockies	106	1,128		1,762
Total Possible Reserves	36,376	1,080,539	68,686	1,710,913

<sup>(1)</sup> Substantially all of our estimated probable and possible reserves are classified as undeveloped.

### **Proved Undeveloped Reserves**

As of December 31, 2013, we had 758 Bcfe of proved undeveloped reserves, comprised of 8 MMBbls of oil, 538 Bcf of natural gas and 29 MMBbls of NGLs. None of our PUDs as of December 31, 2013 are scheduled to be developed on a date more than five years from the date the reserves were initially booked as PUDs. PUDs will be converted from undeveloped to developed as the applicable wells begin production.

Changes in PUDs that occurred during 2013 were due to:

Reclassifications of 20.2 Bcfe into proved developed reserves for implementation of drilling projects; and

Reduction of 5.2 Bcfe after giving effect to 66.9 Bcfe of additions from the Terryville Complex due to proving up additional drilling locations.

During the year ended December 31, 2013, we spent \$69.0 million to convert PUDs to proved developed reserves. As of December 31, 2013 per the reserve report, future development costs relating to the development of PUDs for the years 2014, 2015, 2016, 2017 and 2018 are estimated at approximately \$248 million, \$358 million,

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Oil (per Bbl)

NGL (Per Bbl)

\$282 million, \$264 million and \$160 million, respectively, to capture the balance of drilling the PUD reserves within a five-year timeframe. Approximately 84%, or \$1.1 billion, of the future development costs over the next five years are related to development of PUD reserves in the Terryville Complex. As we continue to develop our properties and have more well production and completion data, we believe we will continue to realize cost savings and experience lower relative drilling and completion costs as we convert PUDs into proved developed reserves in the upcoming years. All of our PUD locations are scheduled to be drilled prior to the end of December 31, 2018. Based on our current expectations of its cash flows, we believe that we can fund the drilling of our current PUD inventory and our expansions in the next five years from our cash flow from operations.

### Production, Revenues and Price History

The following table sets forth information regarding our production, revenues and realized prices and production costs for the three months ended March 31, 2014 and for the years ended December 31, 2013 and 2012.

	Terryville	Texas	Rockies	Total
Production Volumes:				
Oil (MBbls)	188	10	34	232
NGLs (MBbls)	437	72	6	515
Natural gas (MMcf)	9,122	1,373	179	10,674
Total (Mmcfe)	12,868	1,865	422	15,155
Average net production (Mmcfe/d)	143.0	20.7	4.7	168.4
Average Sales Price (Excluding Commodity Derivatives):				

Three Months Ended March 31, 2014

\$ 89.93

\$ 41.14

\$ 95.05

\$ 41.00

East

\$91.30

\$ 30.24

\$ 96.18

\$ 42.77

Natural Gas (per Mcf)	\$ 4.22	\$ 5.35	\$ 3.68	\$ 4.35
Total (per Mcfe)	\$ 5.84	\$ 5.60	\$ 9.43	\$ 5.91
Average Unit Costs per Mcfe:				
Lease operating expense	\$ 0.23	\$ 1.33	\$ 0.68	\$ 0.38

	Year Ended December 31, 2013							
	East							
	Terryville	Texas	Rockies	Total				
Production Volumes:								
Oil (MBbls)	475	165	25	665				
NGLs (MBbls)	1,243	177	37	1,457				
Natural gas (MMcf)	27,398	6,249	445	34,092				
Total (MMcfe)	37,705	8,297	817	46,819				
Average net production (MMcfe/d)	103.3	22.8	2.2	128.3				
Average sales price (excluding commodity derivatives):								
Oil (per Bbl)	\$ 100.57	\$ 102.06	\$ 95.78	\$ 100.76				
NGL(per Bbl)	\$ 37.69	\$ 31.33	\$ 40.68	\$ 36.99				
Natural gas (per Mcf)	\$ 3.10	\$ 3.79	\$ 2.91	\$ 3.22				

Total (Mcfe)	\$ 4.76	\$ 5.54	\$ 6.39	\$ 4.93
Average unit costs per Mcfe:				
Lease operating expense	\$ 0.33	\$ 1.24	\$ 1.91	\$ 0.53

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	Year Ended December 31, 2012 East							
	Terryville	Texas	Rockies	Total				
Production Volumes:								
Oil (MBbls)	273	67	29	369				
NGLs (MBbls)	702	85	111	898				
Natural gas (MMcf)	14,028	8,917	1,185	24,130				
Total (MMcfe)	19,874	9,832	2,025	31,731				
Average net production (MMcfe/d)	54.3	26.9	5.5	86.7				
Average sales price (excluding commodity derivatives):								
Oil (per Bbl)	\$ 95.78	\$ 97.98	\$ 88.05	\$ 95.56				
NGL(per Bbl)	\$ 40.52	\$ 39.08	\$ 43.71	\$ 40.78				
Natural gas (per Mcf)	\$ 2.53	\$ 3.13	\$ 2.32	\$ 2.74				
Total (Mcfe)	\$ 4.53	\$ 3.84	\$ 5.02	\$ 4.35				
Average unit costs per Mcfe: Lease operating expense	\$ 0.61	\$ 0.99	\$ 1.24	\$ 0.77				

### **Productive Wells**

The following table sets forth certain information regarding productive wells in each of our areas at December 31, 2013.

Area	Gross	Net	Operated
Terryville Complex	626	396	499
East Texas	123	92	95
Rockies	146	20	1
Total	895	508	595

### Acreage

The following table sets forth certain information regarding the developed and undeveloped acreage in which we own an interest as of December 31, 2013.

	Develope	Undeveloped Developed Acres Acres Total Acreage						
	Gross	Net	Gross	Net	Gross	Net	HBP	WI
Terryville Complex	106,374	73,875	24,372	22,858	130,746	96,733	76%	74%
East Texas	37,109	30,335	17,228	12,559	54,337	42,894	71%	79%
Rockies	5,659	3,147	156,716	63,044	162,375	66,191	5%	41%
Total	149,142	107.357	198.316	98,461	347,458	205.818	52%	59%

Terryville Complex Core(1) 35,749 28,743 24,292 22,778 60,041 51,552 56% 86%

(1) The substantial majority of what we believe to be the Terryville Complex Core is located in Lincoln Parish, Louisiana and is where we will focus the majority of our future development.

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### **Undeveloped Acreage Expirations**

The following table sets forth the gross and net undeveloped acreage in our core operating areas as of December 31, 2013 that will expire over the next three years unless production is established within the spacing units covering the acreage or the lease is renewed or extended under continuous drilling provisions prior to the primary term expiration dates. There are no reserves attributable to our expiring acreage.

	2014		2015		201	16
Area	Gross	Net	Gross	Net	Gross	Net
Terryville Complex	2,407	2,180	2,487	2,390	3,633	3,420
East Texas	5,212	2,606	2,027	748		
Rockies	3,206	2,199	15,564	8,878	27,582	17,455
Total	10,825	6,985	20,078	12,015	31,215	20,875

### **Drilling Activity**

The following table summarizes our drilling activity for the years ended December 31, 2013, 2012 and 2011. Gross wells reflect the sum of all wells in which we own an interest. Net wells reflect the sum of our working interests in gross wells. At December 31, 2013, 10 gross (9.2 net) wells were in various stages of completion.

	Years ended December 31,					
	2013		201	12	201	1
	Gross	Net	Gross	Net	Gross	Net
Development wells:						
Productive	22.0	13.3	11.0	10.2	4.0	3.9
Dry						
Total development wells	22.0	13.3	11.0	10.2	4.0	3.9
Exploratory wells:						
Productive	9.0	8.0	7.0	5.6	27.0	9.4
Dry					3.0	1.5
Total exploratory wells	9.0	8.0	7.0	5.6	30.0	10.9
Total wells drilled	31.0	21.3	18.0	15.8	34.0	14.8

### **Drilling Locations**

1,171 of our 1,582 gross horizontal locations are attributable to acreage that is currently held by production and approximately 9% are attributable to proved undeveloped reserves as of December 31, 2013. In making these assessments, we include properties in which we hold operated and non-operated interests, as well as redevelopment opportunities. Once we have identified acreage that is prospective for the targeted formations, well placement is determined primarily by the regulatory spacing rules prescribed by the governing body in each of our operating areas.

Our 1,582 gross horizontal drilling locations include 145 locations in the proved category, 209 in the probable category, and 485 in the possible category as evaluated or audited by NSAI, our third party engineers. The additional 743 gross horizontal drilling locations are locations that have been identified by our management team. We identified those additional locations using the same methodology as those locations to which probable and possible reserves are attributed by using existing geologic and engineering data from vertical production and seismic data. Of those 743 gross horizontal drilling locations, 321 lie within the geographic areas to which probable and possible reserves are attributed and are based on assumed well spacing of 137 acres versus our audited well spacing assumption of 280 acres. We believe that our 137-acre spacing assumptions are supported by existing production results. We are currently drilling multiple 137-acre spaced horizontal wells (and we have

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drilled horizontal wells using that spacing that are currently producing) in the same geographic area where we have identified all of our management locations. With respect to the 321 management locations within the areas to which proved, probable or possible reserves are attributed, we have received all necessary state and local approvals to drill at 18 of those locations. We have not encountered any, and are aware of no, regulatory constraints or field rules preventing us from obtaining new permits on all of our acreage using our assumed spacing, and we believe that the remaining 303 locations will also receive all necessary approvals upon application.

The remaining 422 identified gross horizontal drilling locations, all of which are also based upon 137- acre spacing, are within geographic areas to which proved, probable or possible reserves are not attributed, but nonetheless are locations that we have specifically identified based on our evaluation of applicable geologic and engineering data accrued over our multi-year historical drilling activities in the surrounding area. Of those 422 locations, we have received all necessary state and local approvals to drill at three of those locations. We have not encountered any, and are aware of no, regulatory constraints or field rules preventing us from obtaining new permits on all of our acreage using our assumed spacing; accordingly, we believe that the remaining 419 locations will also receive all necessary approvals upon application. We believe that area seismic data, as well as information gathered from the results of our existing 275 vertical and 27 horizontal wells throughout the field, support the existence of at least ten stacked pay zones across the Terryville Complex.

In evaluating and determining those locations, we also considered the availability of local infrastructure, drilling support assets and easement restrictions and state and local regulations. The locations on which we actually drill wells will ultimately depend upon the availability of capital, regulatory approvals, seasonal restrictions, oil and natural gas prices, costs, actual drilling results and other factors, and may differ from the locations currently identified. For a discussion of the risks associated with our drilling program, see Risk Factors Risks Related to Our Business Our identified drilling locations, which are scheduled out over many years, are susceptible to uncertainties that could materially alter the occurrence or timing of their drilling.

### **MEMP**

The following table summarizes information about MEMP s proved oil and natural gas reserves by geographic region as of December 31, 2013 and its average net production for the three months ended December 31, 2013:

		Estima	ted Total Pro	ved Reserves				
							Average	
	Total (Bcfe)	% Gas	% Oil & NGLs	% Developed	Mo	dardized easure (in ions)(1)	Net Daily Production (MMcfe/d)	R/P Ratio(2) (years)
East Texas/North Louisiana	598	% Gas	31%	54%	\$	688	110.2	(years) 15
Permian Basin	108	8%	92%	45%	Ψ	362	13.3	22
California	86	0%	100%	70%		344	9.3	25
Rockies	61	83%	17%	84%		78	11.5	15
South Texas	162	85%	15%	82%		137	23.4	19
Total	1,015	60%	40%	61%	\$	1,609	167.7	17

<sup>(1)</sup> Standardized measure is calculated in accordance with Accounting Standards Codification, or ASC, Topic 932, Extractive Activities Oil and Gas. Because MEMP is a limited partnership, it is generally not subject to federal or state income taxes and thus makes no provision for federal or state income taxes in the calculation of its standardized measure. Standardized measure does not give effect to commodity derivative contracts.

(2) The reserve-to-production ratio is calculated by dividing our estimated proved reserves as of December 31, 2013 by average net daily production for the three months ended December 31, 2013 on an annualized basis.

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#### **Estimated Proved Reserves**

The following table presents the estimated net proved oil and natural gas reserves attributable to MEMP s properties and the standardized measure amounts associated with the estimated proved reserves attributable to MEMP s properties as of December 31, 2013, based on MEMP s reserve report.

	Oil (MBbl)	Natural Gas (MMcf)	Natural Gas Liquids (MBbl)	Total (MMcfe)
Estimated Proved Reserves				
Total Proved Developed	22,265	387,548	15,959	616,893
Total Proved Undeveloped	16,884	219,591	12,887	398,212
Total Proved Reserves	39,149	607,139	28,846	1,015,105

### Development of Proved Undeveloped Reserves

As of December 31, 2013, MEMP had 398,212 MMcfe of proved undeveloped reserves, comprised of 16,884 MBbls of oil, 219,591 MMcf of natural gas and 12,887 MBbls of NGLs. None of MEMP s PUDs as of December 31, 2013 are scheduled to be developed on a date more than five years from the date the reserves were initially booked as PUDs. PUDs will be converted from undeveloped to developed as the applicable wells begin production.

Changes in PUDs that occurred during 2013 were due to:

Reclassifications of 69.5 Bcfe into proved developed reserves for implementation of drilling projects; and

Increases of 72.3 Bcfe primarily due to reserve additions and price revisions.

During the year ended December 31, 2013, MEMP spent \$103.4 million to convert PUDs to proved developed reserves. As of December 31, 2013 per the MEMP Reserve Report, future development costs relating to the development of PUDs for the years 2014, 2015, 2016, 2017 and 2018 are estimated at approximately \$185 million, \$178 million, \$179 million, \$72 million and \$7 million, respectively, to capture the balance of drilling the PUD reserves within a five-year timeframe. As MEMP continues to develop its properties and have more well production and completion data, MEMP believes it will continue to realize cost savings and experience lower relative drilling and completion costs as we convert PUDs into proved developed reserves in the upcoming years. All of MEMP s PUD locations are scheduled to be drilled prior to the end of December 31, 2018. Based on MEMP s current expectations of its cash flows, MEMP believes that it can fund the drilling of its current PUD inventory and its expansions in the next five years from its cash flow from operations.

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### Production, Revenue and Price History

The following tables summarize MEMP s average net production, average sales prices by product and average production costs for the three months ended March 31, 2014 and for the years ended December 31, 2013 and 2012, respectively:

	e Months d March				
	31, 2014	Year Ended Do 2013	Year Ended December 31, 2013 2012		
Production Volumes:					
Oil (MBbls)	453	1,764	1,519		
NGLs (MBbls)	420	1,632	745		
Natural gas (MMcf)	9,712	35,924	29,744		
Total (MMcfe)	14,952	56,303	43,329		
Average net production (MMcfe/d)	166.1	154.3	118.4		
Average Sales Price (Excluding Commodity Derivatives):					
Oil (per Bbl)	\$ 92.28	\$ 96.98	\$ 95.54		
NGL (Per Bbl)	\$ 32.74	31.38	35.75		
Natural Gas (per Mcf)	\$ 4.61	3.31	2.82		
Total (per Mcfe)	\$ 6.71	\$ 6.06	\$ 5.90		
Average Unit Costs per Mcfe:					
Lease operating expense	\$ 1.87	\$ 1.58	\$ 1.85		

### **Productive Wells**

Productive wells consist of producing wells and wells capable of production, including natural gas wells awaiting pipeline connections to commence deliveries and oil wells awaiting connection to production facilities. Gross wells are the total number of producing wells in which MEMP owns an interest, and net wells are the sum of MEMP s fractional working interests owned in gross wells. The following table sets forth information relating to the productive wells in which MEMP owned a working interest as of December 31, 2013.

	0	il	Natural Gas	
	Gross	Net	Gross	Net
Operated(1)	489	441	1,432	1,063
Non-operated	43	8	902	151
Total	532	449	2,334	1,214

<sup>(1)</sup> Includes wells operated by MRD LLC on MEMP s behalf.

### **Developed Acreage**

Acreage related to royalty, overriding royalty and other similar interests is excluded from this summary. As of December 31, 2013, substantially all of MEMP s leasehold acreage was held by production. The following table sets forth information as of December 31, 2013 relating to MEMP s leasehold acreage.

	Developed Acreage(1)		
Region	Gross(2)	Net(3)	
East Texas/North Louisiana	142,118	55,593	
Permian	33,832	24,675	
Rockies	133,664	48,910	
South Texas	85,027	70,629	
Total	394,641	199,807	

- (1) Developed acres are acres spaced or assigned to productive wells or wells capable of production.
- (2) A gross acre is an acre in which MEMP owns a working interest. The number of gross acres is the total number of acres in which MEMP owns a working interest.
- (3) A net acre is deemed to exist when the sum of MEMP s fractional ownership working interests in gross acres equals one. The number of net acres is the sum of the fractional working interests owned in gross acres expressed as whole numbers and fractions thereof.

### **Undeveloped Acreage**

The following table sets forth information as of December 31, 2013 relating to MEMP s undeveloped leasehold acreage.

		Undeveloped Acreage		
Region	Gross(1)	Net(2)		
East Texas/North Louisiana	14,385	5,254		
Permian	16,717	13,599		
Rockies	73,422	50,802		
South Texas	1,658	1,658		
Total	106,182	71,313		

- (1) A gross acre is an acre in which MEMP owns a working interest. The number of gross acres is the total number of acres in which MEMP owns a working interest.
- (2) A net acre is deemed to exist when the sum of MEMP s fractional ownership working interests in gross acres equals one. The number of net acres is the sum of the fractional working interests owned in gross acres expressed as whole numbers and fractions thereof.

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### **Drilling Activities**

MEMP s drilling activities consist entirely of development wells. The following table sets forth information with respect to wells drilled and completed by MEMP, its predecessor, or the previous owners during the periods indicated. The information should not be considered indicative of future performance, nor should a correlation be assumed between the number of productive wells drilled, quantities of reserves found or economic value.

	Year Ended December 31,					
	20:	2013		2012		11
	Gross	Net	Gross	Net	Gross	Net
Development wells:						
Productive	45.0	32.6	38.0	24.4	14.0	10.7
Dry			1.0	1.0	1.0	1.0
Exploratory wells:						
Productive						
Dry						
Total wells:						
Productive	45.0	32.6	38.0	24.4	14.0	10.7
Dry			1.0	1.0	1.0	1.0
Total	45.0	32.6	39.0	25.4	15.0	11.7

For purposes of the table above, MEMP s predecessor refers collectively to (a) BlueStone and its wholly-owned subsidiaries and certain oil and natural gas properties owned by Classic Hydrocarbons Holdings, L.P. for periods prior to the closing of MEMP s initial public offering on December 14, 2011 and (b) for periods after April 8, 2011 through the closing of MEMP s initial public offering, certain oil and natural gas properties owned by WHT Energy Partners LLC. MEMP s previous owners refers collectively to (a) certain oil and natural gas properties that MEMP acquired from MRD LLC in April and May 2012 for periods after common control commenced through their respective acquisition dates and (b) Rise Energy Operating, LLC and its wholly-owned subsidiaries (except for Rise Energy Operating, Inc.) from February 3, 2009 (inception) through December 11, 2012.

### **Delivery Commitments**

MEMP has no commitments to deliver a fixed and determinable quantity of our oil or natural gas production in the near future under our existing contracts.

### **Marketing and Major Customers**

We market the majority of production from properties we and MEMP operate for both our account and the account of the other working interest owners in our operated properties. We sell substantially all of our production to a variety of purchasers under contracts ranging from one month to several years, all at market prices. We normally sell production to a relatively small number of customers, as is customary in the exploration, development and production business. During the year ended December 31, 2013, Energy Transfer Equity, L.P. and subsidiaries accounted for 77% of our revenues and Phillips 66 accounted for 15% of MEMP s revenues. If we were to lose any one of our customers, the loss could

temporarily delay production and sale of a portion of our oil and natural gas in the related producing region. If we were to lose any single customer, we believe we could identify a substitute customer to purchase the impacted production volumes.

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### **Title to Properties**

We believe that we and MEMP have satisfactory title to all of our producing properties in accordance with generally accepted industry standards. As is customary in the industry, in the case of undeveloped properties, often cursory investigation of record title is made at the time of lease acquisition. Investigations are made before the consummation of an acquisition of producing properties and before commencement of drilling operations on undeveloped properties. Individual properties may be subject to burdens that we believe do not materially interfere with the use or affect the value of the properties. Burdens on properties may include customary royalty interests, liens incident to operating agreements and for current taxes, obligations or duties under applicable laws, development obligations under natural gas leases, or net profits interests.

#### Oil and Natural Gas Leases

The typical oil and natural gas lease agreement covering our properties and MEMP s properties provides for the payment of royalties to the mineral owner for all oil and natural gas produced from any wells drilled on the leased premises. The lessor royalties and other leasehold burdens on our properties generally range from 12.5% to 25%, resulting in a net revenue interest to us generally ranging from 87.5% to 75%. 52% of our leasehold acreage is held by production.

#### Seasonality

Demand for oil and natural gas generally decreases during the spring and fall months and increases during the summer and winter months. However, seasonal anomalies such as mild winters or mild summers sometimes lessen this fluctuation. In addition, certain natural gas users utilize natural gas storage facilities and purchase some of their anticipated winter requirements during the summer. This can also lessen seasonal demand fluctuations. These seasonal anomalies can increase competition for equipment, supplies and personnel during the spring and summer months, which could lead to shortages and increase costs or delay our operations or MEMP s operations.

### Competition

The oil and natural gas industry is intensely competitive, and we and MEMP compete with other companies in our industry that have greater resources than we do, especially in our focus areas. Many of these companies not only explore for and produce oil and natural gas, but also carry on refining operations and market petroleum and other products on a regional, national or worldwide basis. These companies may be able to pay more for productive natural gas properties and exploratory locations or define, evaluate, bid for and purchase a greater number of properties and locations than our financial or human resources permit, and may be able to expend greater resources to attract and maintain industry personnel. In addition, these companies may have a greater ability to continue exploration activities during periods of low natural gas market prices. Our larger competitors may be able to absorb the burden of existing, and any changes to, federal, state and local laws and regulations more easily than we can, which would adversely affect our competitive position. Our ability to acquire additional properties and to discover reserves in the future will be dependent upon our ability to evaluate and select suitable properties and to consummate transactions in a highly competitive environment. In addition, because we have fewer financial and human resources than many companies in our industry, we may be at a disadvantage in bidding for exploratory locations and producing natural gas properties.

### **Hydraulic Fracturing**

We and MEMP use hydraulic fracturing as a means to maximize the productivity of almost every well that we drill and complete. Hydraulic fracturing is a necessary part of the completion process because our properties are dependent upon our ability to effectively fracture the producing formations in order to produce at economic rates. Nearly all of our proved non-producing and proved undeveloped reserves associated with future drilling, recompletion, and refracture stimulation projects, or approximately 71.3% of our total estimated proved reserves as of December 31, 2013 and approximately 37.6% of MEMP s total estimated proved reserves as of December 31, 2013, require hydraulic fracturing.

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We have and continue to follow applicable industry standard practices and legal requirements for groundwater protection in our and MEMP s operations which are subject to supervision by state and federal regulators (including the Bureau of Land Management on federal acreage). These protective measures include setting surface casing at a depth sufficient to protect fresh water zones as determined by regulatory agencies, and cementing the well to create a permanent isolating barrier between the casing pipe and surrounding geological formations. This aspect of well design essentially eliminates a pathway for the fracturing fluid to contact any aquifers during the hydraulic fracturing operations. For recompletions of existing wells, the production casing is pressure tested prior to perforating the new completion interval.

Injection rates and pressures are monitored instantaneously and in real time at the surface during our hydraulic fracturing operations. Pressure is monitored on both the injection string and the immediate annulus to the injection string. Hydraulic fracturing operations would be shut down immediately if an abrupt change occurred to the injection pressure or annular pressure.

Certain state regulations require disclosure of the components in the solutions used in hydraulic fracturing operations. Approximately 99% of the hydraulic fracturing fluids we use are made up of water and sand. The remainder of the constituents in the fracturing fluid are managed and used in accordance with applicable requirements.

Hydraulic fracture stimulation requires the use of a significant volume of water. Upon flowback of the water, we dispose of it in a way that minimizes the impact to nearby surface water by disposing into approved disposal or injection wells. We currently do not discharge water to the surface.

For information regarding existing and proposed governmental regulations regarding hydraulic fracturing and related environmental matters, please read Regulation of Environmental and Occupational Health and Safety Matters Hydraulic Fracturing.

### Regulation of the Oil and Natural Gas Industry

Our and MEMP s operations are substantially affected by federal, state and local laws and regulations. In particular, natural gas production and related operations are, or have been, subject to price controls, taxes and numerous other laws and regulations. All of the jurisdictions in which we own or operate producing oil and natural gas properties have statutory provisions regulating the exploration for and production of oil and natural gas, including provisions related to permits for the drilling of wells, bonding requirements to drill or operate wells, the location of wells, the method of drilling and casing wells, the surface use and restoration of properties upon which wells are drilled, sourcing and disposal of water used in the drilling and completion process, and the abandonment of wells. Our operations are also subject to various conservation laws and regulations. These include the regulation of the size of drilling and spacing units or proration units, the number of wells which may be drilled in an area, and the unitization or pooling of crude natural gas wells, as well as regulations that generally prohibit the venting or flaring of natural gas, and impose certain requirements regarding the ratability or fair apportionment of production from fields and individual wells.

Failure to comply with applicable laws and regulations can result in substantial penalties. The regulatory burden on the industry increases the cost of doing business and affects profitability. Although we believe we are in substantial compliance with all applicable laws and regulations, such laws and regulations are frequently amended or reinterpreted. Therefore, we are unable to predict the future costs or impact of compliance. Additional proposals and proceedings that affect the natural gas industry are regularly considered by Congress, the states, FERC, and the courts. We cannot predict when or whether any such proposals may become effective.

We believe we and MEMP are in substantial compliance with currently applicable laws and regulations and that continued substantial compliance with existing requirements will not have a material adverse effect on our financial position, cash flows or results of operations. However, current regulatory requirements may change, currently unforeseen environmental incidents may occur or past non-compliance with environmental laws or regulations may be discovered.

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### Regulation of Production of Oil and Natural Gas

The production of oil and natural gas is subject to regulation under a wide range of local, state and federal statutes, rules, orders and regulations. Federal, state and local statutes and regulations require permits for drilling operations, drilling bonds and reports concerning operations. All of the states in which we and MEMP own and operate properties have regulations governing conservation matters, including provisions for the unitization or pooling of oil and natural gas properties, the establishment of maximum allowable rates of production from oil and natural gas wells, the regulation of well spacing, and plugging and abandonment of wells. The effect of these regulations is to limit the amount of oil and natural gas that we can produce from our wells and to limit the number of wells or the locations at which we can drill, although we can apply for exceptions to such regulations or to have reductions in well spacing. Moreover, each state generally imposes a production or severance tax with respect to the production and sale of oil, natural gas and natural gas liquids within its jurisdiction. We own interests in properties located onshore in different U.S. states. These states regulate drilling and operating activities by requiring, among other things, permits for the drilling of wells, maintaining bonding requirements in order to drill or operate wells, and regulating the location of wells, the method of drilling and casing wells, the surface use and restoration of properties upon which wells are drilled and the plugging and abandonment of wells. The laws of these states also govern a number of environmental and conservation matters, including the handling and disposing or discharge of waste materials, the size of drilling and spacing units or proration units and the density of wells that may be drilled, unitization and pooling of oil and natural gas properties and establishment of maximum rates of production from oil and natural gas wells. Some states have the power to prorate production to the market demand for oil and natural gas. The failure to comply with these rules and regulations can result in substantial penalties. Our competitors in the oil and natural gas industry are subject to the same regulatory requirements and restrictions that affect our operations.

#### Regulation of Environmental and Occupational Health and Safety Matters

Our and MEMP s operations are subject to numerous stringent federal, state and local statutes and regulations governing the discharge of materials into the environment or otherwise relating to protection of the environment or occupational health and safety. Numerous governmental agencies, such as the U.S. Environmental Protection Agency ( EPA ), issue regulations, which often require difficult and costly compliance measures that carry substantial administrative, civil and criminal penalties and may result in injunctive obligations for failure to comply. These laws and regulations may require the acquisition of a permit before drilling commences, restrict the types, quantities and concentrations of various substances that can be released into the environment in connection with drilling, production and transporting through pipelines, govern the sourcing and disposal of water used in the drilling, completion and production process, limit or prohibit drilling activities in certain areas and on certain lands lying within wilderness, wetlands, frontier and other protected areas, require some form of remedial action to prevent or mitigate pollution from current or former operations such as plugging abandoned wells or closing earthen pits, result in the suspension or revocation of necessary permits, licenses and authorizations, require that additional pollution controls be installed and impose substantial liabilities for pollution resulting from operations or failure to comply with regulatory filings. In addition, these laws and regulations may restrict the rate of production. The strict and joint and several liability nature of such laws and regulations could impose liability upon us regardless of fault. Public interest in the protection of the environment has increased dramatically in recent years. The trend of more expansive and stringent environmental legislation and regulations applied to the crude oil and natural gas industry could continue, resulting in increased costs of doing business and consequently affecting profitability. Changes in environmental laws and regulations occur frequently, and to the extent laws are enacted or other governmental action is taken that restricts drilling or imposes more stringent and costly operating, waste handling, disposal and cleanup requirements, our business and prospects, as well as the oil and natural gas industry in general, could be materially adversely affected.

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### Hazardous Substance and Waste Handling

Our and MEMP s operations are subject to environmental laws and regulations relating to the management and release of hazardous substances, solid and hazardous wastes and petroleum hydrocarbons. These laws generally regulate the generation, storage, treatment, transportation and disposal of solid and hazardous waste and may impose strict and, in some cases, joint and several liability for the investigation and remediation of affected areas where hazardous substances may have been released or disposed. The Comprehensive Environmental Response, Compensation, and Liability Act, as amended, referred to as CERCLA or the Superfund law, and comparable state laws, impose liability, without regard to fault or the legality of the original conduct, on certain classes of persons deemed responsible parties. These persons include current owners or operators of the site where a release of hazardous substances occurred, prior owners or operators that owned or operated the site at the time of the release or disposal of hazardous substances, and companies that disposed or arranged for the disposal of the hazardous substances found at the site. Under CERCLA, these persons may be subject to strict and joint and several liability for the costs of cleaning up the hazardous substances that have been released into the environment, for damages to natural resources and for the costs of certain health studies. CERCLA also authorizes the EPA and, in some instances, third parties to act in response to threats to the public health or the environment and to seek to recover the costs they incur from the responsible classes of persons. It is not uncommon for neighboring landowners and other third parties to file claims for personal injury and property damage allegedly caused by hazardous substances or other pollutants released into the environment. Despite the petroleum exclusion of Section 101(14) of CERCLA, which currently encompasses natural gas, we may nonetheless handle hazardous substances within the meaning of CERCLA, or similar state statutes, in the course of our ordinary operations and, as a result, may be jointly and severally liable under CERCLA for all or part of the costs required to clean up sites at which these hazardous substances have been released into the environment. In addition, we may have liability for releases of hazardous substances at our properties by prior owners or operators or other third parties.

The Oil Pollution Act of 1990 (the OPA ) is the primary federal law imposing oil spill liability. The OPA contains numerous requirements relating to the prevention of and response to petroleum releases into waters of the United States, including the requirement that operators of offshore facilities and certain onshore facilities near or crossing waterways must maintain certain significant levels of financial assurance to cover potential environmental cleanup and restoration costs. Under the OPA, strict, joint and several liability may be imposed on responsible parties for all containment and cleanup costs and certain other damages arising from a release, including, but not limited to, the costs of responding to a release of oil to surface waters and natural resource damages, resulting from oil spills into or upon navigable waters, adjoining shorelines or in the exclusive economic zone of the United States. A responsible party includes the owner or operator of an onshore facility. The OPA establishes a liability limit for onshore facilities of \$350 million. These liability limits may not apply if: a spill is caused by a party s gross negligence or willful misconduct; the spill resulted from violation of a federal safety, construction or operating regulation; or a party fails to report a spill or to cooperate fully in a clean-up. We are also subject to analogous state statutes that impose liabilities with respect to oil spills.

We also generate solid wastes, including hazardous wastes, which are subject to the requirements of the Resource Conservation and Recovery Act (RCRA), as amended, and comparable state statutes. Although RCRA regulates both solid and hazardous wastes, it imposes strict requirements on the generation, storage, treatment, transportation and disposal of hazardous wastes. Certain petroleum production wastes are excluded from RCRA shazardous waste regulations. It is possible, however, that these wastes, which could include wastes currently generated during our operations, could be designated as hazardous wastes in the future and, therefore, be subject to more rigorous and costly disposal requirements. Indeed, legislation has been proposed from time to time in Congress to re-categorize certain oil and gas exploration and production wastes as hazardous wastes. Any such changes in the laws and regulations could have a material adverse effect on our maintenance capital expenditures and operating expenses.

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We believe that we and MEMP are in substantial compliance with the requirements of CERCLA, RCRA, OPA and related state and local laws and regulations, and that we hold all necessary and up-to-date permits, registrations and other authorizations required under such laws and regulations. Although we believe that the current costs of managing our wastes as they are presently classified are reflected in our budget, any legislative or regulatory reclassification of oil and natural gas exploration and production wastes could increase our costs to manage and dispose of such wastes.

### Water and Other Waste Discharges and Spills

The Federal Water Pollution Control Act, as amended, also known as the Clean Water Act, the Safe Drinking Water Act ( SDWA ), the OPA and comparable state laws impose restrictions and strict controls regarding the discharge of pollutants, including produced waters and other natural gas wastes, into federal and state waters. The discharge of pollutants into regulated waters is prohibited, except in accordance with the terms of a permit issued by the EPA or the state. The discharge of dredge and fill material in regulated waters, including wetlands, is also prohibited, unless authorized by a permit issued by the U.S. Army Corps of Engineers. The EPA has also adopted regulations requiring certain oil and natural gas exploration and production facilities to obtain individual permits or coverage under general permits for storm water discharges. Costs may be associated with the treatment of wastewater or developing and implementing storm water pollution prevention plans, as well as for monitoring and sampling the storm water runoff from certain of our facilities. Some states also maintain groundwater protection programs that require permits for discharges or operations that may impact groundwater conditions. The underground injection of fluids is subject to permitting and other requirements under state laws and regulation. Obtaining permits has the potential to delay the development of oil and natural gas projects. These same regulatory programs also limit the total volume of water that can be discharged, hence limiting the rate of development, and require us to incur compliance costs. These laws and any implementing regulations provide for administrative, civil and criminal penalties for any unauthorized discharges of oil and other substances in reportable quantities and may impose substantial potential liability for the costs of removal, remediation and damages. Pursuant to these laws and regulations, we may be required to obtain and maintain approvals or permits for the discharge of wastewater or storm water and the underground injection of fluids and are required to develop and implement spill prevention, control and countermeasure plans, also referred to as SPCC plans, in connection with on-site storage of significant quantities of oil. We and MEMP maintain all required discharge permits necessary to conduct our operations, and we believe we and MEMP are in substantial compliance with their terms.

#### Hydraulic Fracturing

We and MEMP use hydraulic fracturing extensively in our operations. Hydraulic fracturing is an essential and common practice in the oil and gas industry used to stimulate production of natural gas and/or oil from low permeability subsurface rock formations. Hydraulic fracturing involves using water, sand, and certain chemicals to fracture the hydrocarbon-bearing rock formation to allow flow of hydrocarbons into the wellbore. While hydraulic fracturing has historically been regulated by state oil and natural gas commissions, the practice has become increasingly controversial in certain parts of the country, resulting in increased scrutiny and regulation. For example, the EPA has asserted federal regulatory authority over certain hydraulic-fracturing activities under the SDWA involving the use of diesel fuels and published permitting guidance in February 2014 addressing the use of diesel in fracturing operations. Also, in May 2014, the EPA issued an Advanced Notice of Proposed Rulemaking seeking public comment on its intent to develop and issue regulations under the Toxic Substances Control Act regarding the disclosure of information related to the chemicals used in hydraulic fracturing. The public comment period is scheduled to end on August 18, 2014. In addition, Congress has from time to time considered legislation to amend the SDWA, including legislation that would repeal the exemption for hydraulic fracturing from the definition of underground injection and require federal permitting and regulatory control of hydraulic fracturing, as well as legislative proposals to require disclosure of the chemical constituents of the fluids used in the fracturing process. Also, in the near future we may be subject to regulations that restrict our ability to discharge water produced as part of our production operations, and the ability to use injection wells as a disposal option not only will depend on federal or state regulations but also on whether available injection wells

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have sufficient storage capacities. The EPA is currently developing effluent limitation guidelines that may impose federal pre-treatment standards on all oil and gas operators transporting wastewater associated with hydraulic fracturing activities to publicly owned treatment works for disposal. The EPA plans to propose such standards by late 2014. In addition, in May 2013, the federal Bureau of Land Management published a supplemental notice of proposed rulemaking governing hydraulic fracturing on federal and Indian lands that replaces a prior draft of proposed rulemaking issued by the agency in May 2012. The revised proposed rule would continue to require public disclosure of chemicals used in hydraulic fracturing on federal and Indian lands, confirmation that wells used in fracturing operations meet appropriate construction standards, and development of appropriate plans for managing flowback water that returns to the surface.

Further, in April 2012, the EPA released final rules that subject all oil and gas operations (production, processing, transmission, storage and distribution) to regulation under the new source performance standards ( NSPS ) and the National Emission Standards for Hazardous Air Pollutants ( NESHAPS ) programs. These rules became effective October 2012. The rules include NSPS standards for completions of hydraulically-fractured gas wells. The standards include the reduced emission completion techniques, or green completions, developed in the EPA s Natural Gas STAR program along with pit flaring of gas not sent to the gathering line. Green completions for hydraulic fracturing will require the operator to recover rather than vent the gas and NGLs that come to the surface during completion of the fracturing process. The standards will be applicable to newly drilled and fractured wells and wells that are refractured on or after January 1, 2015. Further, the rules under NESHAPS include Maximum Achievable Control Technology (MACT) standards for glycol dehydrators and storage vessels at major source of hazardous air pollutants not currently subject to MACT standards. In September 2013, the EPA issued an amendment extending compliance dates for certain storage vessels. The rule is designed to limit emissions of volatile organic compounds ( VOC ), sulfur dioxide, and hazardous air pollutants from a variety of sources within natural gas processing plants, oil and natural gas production facilities, and natural gas transmission compressor stations. This rule could require a number of modifications to our operations including the installation of new equipment. Compliance with such rules could result in significant costs, including increased capital expenditures and operating costs, and could adversely impact our business. Additionally, in December 2012, seven states submitted a notice of intent to sue the EPA to compel the agency to make a determination as to whether standards or performance limiting methane emissions from oil and gas sources is appropriate and if so, to promulgate performance standards for methane emissions from existing oil and gas sources.

Several states have adopted, or are considering adopting, regulations that could restrict or prohibit hydraulic fracturing in certain circumstances and/or require the disclosure of the composition of hydraulic fracturing fluids. For example, Texas requires oil and natural gas operators to publicly disclose the chemicals used in the hydraulic fracturing process. Regulations require that well operators disclose the list of chemical ingredients subject to the requirements of the Occupational Safety and Health Act, as amended (OSHA) for disclosure on an internet website and also file the list of chemicals with the Texas Railroad Commission with the well completion report. The total volume of water used to hydraulically fracture a well must also be disclosed to the public and filed with the Texas Railroad Commission. Furthermore, in May 2013, the Texas Railroad Commission issued a well integrity rule, which updates the requirements for drilling, putting pipe down, and cementing wells. The rule also includes new testing and reporting requirements, such as (i) the requirement to submit cementing reports after well completion or after cessation of drilling, whichever is later, and (ii) the imposition of additional testing on wells less than 1,000 feet below usable groundwater. The well integrity rule took effect in January 2014. We believe that we follow applicable standard industry practices and legal requirements for groundwater protection in our hydraulic fracturing activities. Nonetheless, if new or more stringent federal, state, or local legal restrictions relating to the hydraulic fracturing process are adopted in areas where we operate, we could incur potentially significant added costs to comply with such requirements, experience delays or curtailment in the pursuit of exploration, development, or production activities, and perhaps even be precluded from drilling wells.

Certain governmental reviews have been conducted or are underway that focus on environmental aspects of hydraulic fracturing practices, which could lead to increased regulation. For example, the White House Council on Environmental Quality is coordinating an administration-wide review of hydraulic fracturing practices. The

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EPA has also commenced a study of the potential environmental effects of hydraulic fracturing on drinking water and groundwater, with a first progress report outlining work currently underway by the agency released on December 21, 2012, and a final report drawing conclusions about the potential impacts of hydraulic fracturing on drinking water resources expected to be available for public comment and peer review by late 2014. Other governmental agencies, including the U.S. Department of Energy, have evaluated or are evaluating various other aspects of hydraulic fracturing. These ongoing or proposed studies could spur initiatives to further regulate hydraulic fracturing under the SDWA or other regulatory mechanisms, and could ultimately make it more difficult or costly for us to perform fracturing and increase our costs of compliance and doing business.

A number of lawsuits and enforcement actions have been initiated across the country alleging that hydraulic fracturing practices have adversely impacted drinking water supplies, use of surface water, and the environment generally. If new laws or regulations that significantly restrict hydraulic fracturing are adopted, such laws could make it more difficult or costly for us to perform fracturing to stimulate production from tight formations as well as make it easier for third parties opposing the hydraulic fracturing process to initiate legal proceedings based on allegations that specific chemicals used in the fracturing process could adversely affect groundwater. In addition, if hydraulic fracturing is further regulated at the federal or state level, our fracturing activities could become subject to additional permitting and financial assurance requirements, more stringent construction specifications, increased monitoring, reporting and recordkeeping obligations, plugging and abandonment requirements and also to attendant permitting delays and potential increases in costs. Such legislative changes could cause us to incur substantial compliance costs, and compliance or the consequences of any failure to comply by us could have a material adverse effect on our financial condition and results of operations. At this time, it is not possible to estimate the impact on our business of newly enacted or potential federal or state legislation governing hydraulic fracturing, and any of the above risks could impair our ability to manage our business and have a material adverse effect on our operations, cash flows and financial position.

#### Air Emissions

The federal Clean Air Act, as amended, and comparable state laws restrict the emission of air pollutants from many sources, including compressor stations, through the issuance of permits and the imposition of other requirements. These laws and regulations may require us to obtain pre-approval for the construction or modification of certain projects or facilities expected to produce or significantly increase air emissions, obtain and strictly comply with stringent air permit requirements or utilize specific equipment or technologies to control emissions of certain pollutants. The need to obtain permits has the potential to delay the development of oil and natural gas projects. Over the next several years, we may be required to incur certain capital expenditures for air pollution control equipment or other air emissions related issues. For example, in August 2012, the EPA published final rules under the Clean Air Act that subject oil and natural gas production, processing, transmission and storage operations to regulation under the NSPS and NESHAPS programs. With regards to production activities, these final rules require, among other things, the reduction of volatile organic compound emissions from three subcategories of fractured and refractured gas wells for which well completion operations are conducted: wildcat (exploratory) and delineation gas wells; low reservoir pressure non-wildcat and non-delineation gas wells; and all other fractured and refractured gas wells. All three subcategories of wells must route flow back emissions to a gathering line or be captured and combusted using a combustion device such as a flare after October 15, 2012. However, the other wells must use reduced emission completions, also known as green completions, with or without combustion devices, after January 1, 2015. These regulations also establish specific new requirements regarding emissions from production-related wet seal and reciprocating compressors, effective October 15, 2012, and from pneumatic controllers and storage vessels, effective October 15, 2013. The EPA received numerous requests for reconsideration of these rules from both industry and the environmental community, and court challenges to the rules were also filed. The EPA issued revised rules in 2013 responding to these requests. For example, on April 12, 2013, the EPA published a proposed amendment extending compliance dates for certain storage vessels, and on September 23, 2013, the EPA issued a press release announcing that it had finalized the proposed amendment.

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We may be required to incur certain capital expenditures in the next few years for air pollution control equipment in connection with maintaining or obtaining operating permits addressing other air emission related issues, which may have a material adverse effect on our operations. Obtaining permits also has the potential to delay the development of oil and natural gas projects. We believe that we and MEMP currently are in substantial compliance with all air emissions regulations and that we and MEMP hold all necessary and valid construction and operating permits for our current operations.

### Regulation of Greenhouse Gas Emissions

In response to findings that emissions of carbon dioxide, methane and other greenhouse gases (GHGs) present an endangerment to public health and the environment, the EPA has adopted regulations under existing provisions of the federal Clean Air Act that, among other things, establish Prevention of Significant Deterioration (PSD) construction and Title V operating permit reviews for certain large stationary sources that are potential major sources of GHG emissions. As part of these efforts, the EPA issued a final rule (the Tailoring Rule), effective January 1, 2011, that established emissions thresholds such that only these large stationary sources are subject to GHG permitting. On October 15, 2013, the U.S. Supreme Court announced it will review aspects of the Tailoring Rule in 2014. In addition, the EPA has adopted rules requiring the monitoring and reporting of GHG emissions from specified onshore and offshore oil and gas production sources in the United States on an annual basis, which include certain of our operations.

In addition, in August 2012, the EPA established NSPS for VOCs and sulfur dioxide and an air toxic standard for oil and natural gas production, transmission, and storage. The rules include the first federal air standards for natural gas wells that are hydraulically fractured, or refractured, as well as requirements for several other sources, such as storage tanks and other equipment, and limits methane emissions from these sources in an effort to reduce GHG emissions. These requirements could adversely affect our operations by requiring us to make significant expenditures to ensure compliance with the NSPS.

While Congress has from time to time considered legislation to reduce emissions of GHGs, there has not been significant activity in the form of adopted legislation to reduce GHG emissions at the federal level in recent years. In the absence of such federal climate legislation, a number of state and regional efforts have emerged that are aimed at tracking and/or reducing GHG emissions by means of cap and trade programs that typically require major sources of GHG emissions, such as electric power plants, to acquire and surrender emission allowances in return for emitting those GHGs. If Congress were to undertake comprehensive tax reform in the coming year, it is possible that such reform may include a carbon tax, which could impose additional direct costs on operations and reduce demand for refined products. In any event, the Obama administration has announced its Climate Action Plan, which, among other things, directs federal agencies to develop a strategy for the reduction of methane emissions, including emissions from the oil and gas industry. As part of the Climate Action Plan, the Obama Administration also announced that it intends to adopt additional regulations to reduce emissions of GHGs and to encourage greater use of low carbon technologies in the coming years. For example, in September 2013, the EPA re-issued proposed NSPS for GHG emissions from Electric Utility Generating Units. Finally, it should be noted that some scientists have concluded that increasing concentrations of GHGs in the Earth s atmosphere may produce climate changes that have significant physical effects, such as increased frequency and severity of storms, floods and other climatic events; if any such effects were to occur, they could have an adverse effect on our exploration and production operations.

Restrictions on GHG emissions that may be imposed in various states could adversely affect the oil and natural gas industry. Any GHG regulation could increase our costs of compliance by potentially delaying the receipt of permits and other regulatory approvals; requiring us to monitor emissions, install additional equipment or modify facilities to reduce GHG and other emissions; purchase emission credits; and utilize electric driven compression at facilities to obtain regulatory permits and approvals in a timely manner. While we are subject to certain federal GHG monitoring and reporting requirements, our operations are not adversely impacted by existing federal, state and local climate change initiatives and, at this time, it is not possible to accurately estimate how potential future laws or regulations addressing GHG emissions would impact our business.

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### Occupational Safety and Health Act

We are also subject to the requirements of the OSHA and comparable state laws that regulate the protection of the health and safety of employees. In addition, OSHA s hazard communication standard requires that information be maintained about hazardous materials used or produced in our operations and that this information be provided to employees, state and local government authorities and citizens. We believe that our and MEMP s operations are in substantial compliance with the OSHA requirements.

#### National Environmental Policy Act

Oil and natural gas exploration and production activities on federal lands are subject to the National Environmental Policy Act (NEPA). NEPA requires federal agencies, including the Departments of Interior and Agriculture, to evaluate major agency actions having the potential to significantly impact the environment. In the course of such evaluations, an agency prepares an environmental assessment to evaluate the potential direct, indirect and cumulative impacts of a proposed project. If impacts are considered significant, the agency will prepare a more detailed environmental impact study that is made available for public review and comment. All of our current exploration and production activities, as well as proposed exploration and development plans, on federal lands require governmental permits that are subject to the requirements of NEPA. This environmental impact assessment process has the potential to delay the development of oil and natural gas projects. Authorizations under NEPA also are subject to protest, appeal or litigation, which can delay or halt projects.

#### **Endangered Species Act**

The Endangered Species Act (ESA) was established to protect endangered and threatened species. Pursuant to the ESA, if a species is listed as threatened or endangered, restrictions may be imposed on activities adversely affecting that species habitat. Similar protections are offered to migratory birds under the Migratory Bird Treaty Act. We conduct operations on federal oil and natural gas leases in areas where certain species that are listed as threatened or endangered and where other species, such as the sage grouse, potentially could be listed as threatened or endangered under the ESA exist. The U.S. Fish and Wildlife Service may designate critical habitat and suitable habitat areas that it believes are necessary for survival of a threatened or endangered species. A critical habitat or suitable habitat designation could result in further material restrictions to federal land use and may materially delay or prohibit land access for oil and natural gas development. If we were to have a portion of our leases designated as critical or suitable habitat, it could cause us to incur additional costs or become subject to operating restrictions or bans in the affected areas, which could adversely impact the value of our leases.

#### Summary

In summary, we believe we and MEMP are in substantial compliance with currently applicable environmental laws and regulations. Although we have not experienced any material adverse effect from compliance with environmental requirements, there is no assurance that this will continue. We did not have any material capital or other non-recurring expenditures in connection with complying with environmental laws or environmental remediation matters in 2012 or 2013.

### **Employees**

As of March 31, 2014, we had 366 full-time employees. Our future success will depend partially on our ability to attract, retain and motivate qualified personnel. We are not a party to any collective bargaining agreements and have not experienced any strikes or work stoppages. We consider our relations with our employees to be satisfactory.

### **Our Offices**

Our executive offices are located at 1301 McKinney St., Suite 2100, Houston, TX 77010, and the phone number at this address is (713) 588-8300.

### **Legal Proceedings**

From time to time, we are subject to various legal proceedings arising in the ordinary course of business, including proceedings for which we have insurance coverage. As of the date hereof, neither we nor MEMP are party to any material legal proceedings.

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#### MANAGEMENT

#### **Directors and Executive Officers**

The following table provides information regarding our current executive officers and directors as of June 10, 2014.

Name	Age	Position
Tony R. Weber	51	Chairman
John A. Weinzierl	46	Chief Executive Officer and Director
William J. Scarff	58	President
Andrew J. Cozby	47	Vice President and Chief Financial Officer
Larry R. Forney	56	Vice President and Chief Operating Officer
Kyle N. Roane	35	Vice President, General Counsel and Corporate Secretary
Gregory M. Robbins	35	Vice President, Corporate Development
Dennis G. Venghaus	32	Chief Accounting Officer
Scott A. Gieselman	51	Director
Kenneth A. Hersh	51	Director
Robert A. Innamorati	66	Director
Carol L. O Neill	51	Director
Pat Wood, III	51	Director

Set forth below is a description of the backgrounds of our executive officers and directors.

Tony R. Weber has served as Chairman of our board since our formation and as a member of MRD LLC s board of managers and MEMP GP s board of directors since September 2011. Mr. Weber currently serves as Managing Partner and Chief Operating Officer for NGP. Prior to joining NGP in December 2003, Mr. Weber was the Chief Financial Officer of Merit Energy Company from April 1998 to December 2003. Prior to that, he was Senior Vice President and Manager of Union Bank of California s Energy Division in Dallas, Texas from 1987 to 1998. In his role at NGP, Mr. Weber serves on numerous private company boards as well as industry groups, IPAA Capital Markets Committee and Dallas Wildcat Committee. He currently serves on the Dean s Council of the Mays Business School at Texas A&M University and was a founding member of the Mays Business Fellows Program.

The board believes that Mr. Weber s extensive corporate finance, banking and private equity experience bring substantial leadership skill and experience to the Board.

John A. Weinzierl has served as our Chief Executive Officer since our formation, and the Chief Executive Officer of MRD LLC and the Chief Executive Officer and Chairman of MEMP GP since January 2014. Previously, Mr. Weinzierl served as President and Chief Executive Officer of MRD LLC and President, Chief Executive Officer and Chairman of MEMP GP since April 2011. Prior to the completion of the Partnership s initial public offering in December 2011, Mr. Weinzierl was a managing director and operating partner of NGP from December 2010. From July 1999 to December 2010, Mr. Weinzierl worked in various positions at NGP, where he became a managing director in December 2004. Mr. Weinzierl was appointed a venture partner of NGP from February 2012 to February 2013. From October 2006 until November 2011, Mr. Weinzierl was a director of Eagle Rock Energy G&P, LLC, the indirect general partner of Eagle Rock Energy Partners, L.P., a (i) natural gas gathering, processing and transportation company and (ii) developer of oil and natural gas properties, where he also served on the compensation committee. Mr. Weinzierl is a registered professional engineer in Texas.

The board believes Mr. Weinzierl s degree and experience in petroleum engineering and his M.B.A. education, as well as his investment and business expertise honed at NGP, bring valuable strategic, managerial and analytical skills to the board and us.

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William J. Scarff has served as our President since our formation, and the President of MRD LLC and MEMP GP since January 2014. From 2000 through January 2014, Mr. Scarff has served as President and Chief Executive Officer of several private exploration and production companies sponsored by Natural Gas Partners. Since October 2010, Mr. Scarff has served as President and Chief Executive Officer of Propel Energy, LLC. Prior to that, he was President and Chief Executive Officer of Seismic Ventures, Inc. from 2006 to 2009. Since February 2005, Mr. Scarff has served as President and Chief Executive Officer of Proton Operating Company, LLC and from 1999 to 2005, he was President and Chief Executive Officer of Proton Energy, LLC and its affiliates. From 1978 to 1999, Mr. Scarff held a variety of positions of increasing responsibility in Marathon Oil Company, Anadarko Production Company, Burlington Resources, Texas Meridian Resource Corporation and Hilcorp Energy Company.

Andrew J. Cozby has served as our Vice President and Chief Financial Officer since April 2014, the Vice President and Chief Financial Officer of MEMP GP since February 2012 and the Vice President, Finance of MRD LLC since April 2011. From February 2011 to April 2011, Mr. Cozby served as Senior Vice President and Chief Financial Officer of Energy Maintenance Services (EMS Global). Prior to that, he was Chief Financial Officer of Greystone Oil & Gas LLP and Greystone Drilling LP from May 2006 to December 2010. From 2000 to May 2006, Mr. Cozby was Director of Finance for Enterprise Products Partners LP and held various corporate finance positions with its affiliates GulfTerra Energy Partners, LP and El Paso Energy Partners, LP. Prior to that, Mr. Cozby held positions with J.P. Morgan from 1998 to 2000.

Larry R. Forney has served as our Vice President and Chief Operating Officer since June 2014, the Vice President and Chief Operating Officer of MEMP GP since January 2013 and the Vice President, Operations and Asset Management of MRD LLC since December 2011. He also served as our Vice President, Operations from April 2014 to June 2014 and Vice President, Operations and Asset Management of MEMP GP from December 2011 to December 2012. From August 2008 to December 2011, Mr. Forney served as President of Mossback Management LLC, a private entity providing contract operating and engineering consulting services, including managing all operations and related business functions for Hungarian Horizon Energy, Ltd and Central European Drilling, Ltd in Budapest, Hungary from July 2010 to August 2011. From July 2004 to July 2008, Mr. Forney served as Vice President of Operations for Greystone Oil & Gas LLP and Managing Director of Greystone Drilling LP. Mr. Forney served as Vice President of Operations for Greystone Petroleum LLC from 2002 until 2004. Mr. Forney was Vice President and Treasurer of Goldrus Producing Company from 1997 to 2002. From 1990 to 1997, Mr. Forney held various positions for the Kelley Oil companies, which culminated in his serving concurrently as Vice President of Operations for Kelley Oil Corporation and Vice President of Concorde Gas Marketing. Prior to 1990, Mr. Forney held various drilling, production and facility construction positions with Pacific Enterprises Oil Corporation and Kerr-McGee Corporation. Mr. Forney is a registered professional engineer in Texas.

*Kyle N. Roane* has served as our Vice President, General Counsel and Corporate Secretary since our formation, and the Vice President, General Counsel and Corporate Secretary of MRD LLC and MEMP GP since January 2014. Previously, Mr. Roane served as the General Counsel and Corporate Secretary of MRD LLC and MEMP GP since February 2012. From 2005 to February 2012, Mr. Roane practiced corporate and securities law at Akin Gump Strauss Hauer & Feld L.L.P.

Gregory M. Robbins has served as our Vice President, Corporate Development since April 2014 and the Vice President of Corporate Development of MRD LLC and MEMP GP since January 2013. Previously, he served as Treasurer of MRD LLC and MEMP GP from June 2011 to April 2012 and Director of Corporate Development from April 2012 to January 2013. From October 2010 to April 2011, Mr. Robbins served as Vice President and Controller of Quality Electric Steel Castings, LP. Prior to that, he was a Vice President with Guggenheim Partners, LLC from May 2006 to October 2010. Mr. Robbins worked for Wells Fargo Energy Capital, LLC from 2004 to March 2006 and Comerica Bank, Inc. from 2002 to 2004.

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*Dennis G. Venghaus* has served as our Chief Accounting Officer since our formation, and the Controller of MRD LLC and MEMP GP since January 2012. Prior to joining MRD LLC and MEMP GP, Mr. Venghaus was with Opportune LLP from June 2010 to January 2012 as a Manager in the Complex Financial Reporting group. From September 2004 through June 2010, he held various positions in the audit practice at PricewaterhouseCoopers LLP in Houston, TX, primarily serving energy clients. Mr. Venghaus is a Certified Public Accountant.

**Scott A. Gieselman** has served as a member of our board since our formation and as a member of MRD LLC s board of managers and MEMP GP s board of directors since September 2011. Mr. Gieselman has been a managing director of NGP since April 2007. Mr. Gieselman has served as a member of the board of directors of Rice Energy, Inc. since January 2014. From 1988 to April 2007, Mr. Gieselman worked in various positions in the investment banking energy group of Goldman, Sachs & Co., where he became a partner in 2002.

The board believes that Mr. Gieselman s considerable financial and energy investment banking experience, as well as his experience on the boards of numerous private energy companies bring important and valuable skills to the Board.

Kenneth A. Hersh has served as a member of our board since our formation and as a member of MRD LLC s board of managers and MEMP GP s board of directors since April 2011. Mr. Hersh is the Chief Executive Officer of NGP Energy Capital Management and a managing partner of NGP and has served in those or similar capacities since 1989. He currently serves as a director of NGP Capital Resources Company, a business development company that focuses on the energy industry. Mr. Hersh served as a director of Resolute Energy Corporation from September 2009 to March 2012, as a director of Eagle Rock Energy G&P, LLC, the indirect general partner of Eagle Rock Energy Partners, L.P., from March 2006 until June 2011 and Energy Transfer Partners, L.L.C., the indirect general partner of Energy Transfer Partners, L.P., a natural gas gathering and processing and transportation and storage and retail propane company, from February 2004 through December 2009, and served as a director of LE GP, LLC, the general partner of Energy Transfer Equity, L.P., from October 2002 through December 2009. Mr. Hersh currently serves on the Dean s Council of the Harvard Kennedy School and on the Advisory Councils of the Graduate School of Business at Stanford University and The Bendheim Center for Finance at Princeton University. He is also a member of the World Economic Forum where he has been a featured speaker at its annual meeting held in Davos, Switzerland.

The board believes that Mr. Hersh brings extensive knowledge to the board and us through his experiences in the energy industry as an investor, involvement in complex energy-related transactions and his position as Chief Executive Officer of NGP Energy Capital Management and co-manager of NGP s investment portfolio. Mr. Hersh also brings a wealth of industry-specific transactional skills, entrepreneurial ideas and a personal network of public and private capital sources that the board believes will bring us opportunities that we may not otherwise have.

Robert A. Innamorati was appointed to serve as a member of the board of directors upon the effective time of this registration statement of which this prospectus is a part. Mr. Innamorati has served as a member of the board of directors of Memorial Production Partners GP LLC since August 2012. Mr. Innamorati has served as President of Robert A. Innamorati & Co. Inc., a private investment and advisory firm, since 1995. He previously served as President of a privately-owned diversified investment company with assets in excess of \$1.5 billion from 2007 until 2012. Mr. Innamorati also held positions with Banc One Capital Corporation, Drexel Burnham Lambert & Co. Inc., PaineWebber, Inc. and Blyth Eastman Dillon & Co., Inc. He previously served for six years as a special agent with the United States Secret Service in Washington, D.C. and two years in the United States Marine Corps Reserves. Mr. Innamorati served as a board member of The Texas Rangers Baseball Club until February 2013, where he served as chairman of the compensation committee and as a member of the finance committee. Mr. Innamorati has also served as a board member for several private companies.

The board believes that Mr. Innamorati s extensive corporate finance, banking and private equity experience and audit committee experience will bring substantial leadership skill and experience to the Board.

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Carol L. O Neillwas appointed to serve as a member of the board of directors upon the effective time of this registration statement of which this prospectus is a part. Ms. O Neill has been Vice President of Strategy and Key Initiatives at Barry-Wehmiller Group, a private company engaged in the global equipment business based primarily in the US and Europe since October 2013. From April 2010 to September 2013, Ms. O Neill was Senior Vice President of Packaging at Spartech Corporation. Prior to that, Ms. O Neill served as President of Flying Food Group from August 2007 to April 2010. From 1996 to 2007, Ms. O Neill held various senior management positions at Sealed Air Corporation.

The board believes that Ms. O Neill s considerable financial and leadership experience will bring important and valuable skills to the Board.

Pat Wood, III was appointed to serve as a member of the board of directors upon the effective time of this registration statement of which this prospectus is a part. Mr. Wood has served as a principal of Wood3 Resources, an energy infrastructure developer, since July 2005. From 2001 until July 2005, Mr. Wood served as chairman of the Federal Energy Regulatory Commission. From 1995 until 2001, he chaired the Public Utility Commission of Texas. Prior to 1995, Mr. Wood was an attorney with Baker & Botts, a global law firm, and an associate project engineer with Arco Indonesia, an oil and gas company, in Jakarta. Mr. Wood currently serves on the board of directors of Dynegy Inc., Quanta Services Inc. and SunPower Corp.

The board believes that Mr. Wood s prior experience in corporate leadership, government and regulatory oversight, in addition to experience in public company board leadership will provide significant contributions to the Board.

#### **Board Composition**

Upon the closing of this offering, we will have seven directors. We intend to avail ourselves of the controlled company exception under NASDAQ rules, which eliminates the requirements that we (i) have a majority of independent directors, (ii) maintain a compensation committee or (iii) maintain an independent nominating function. We will be required, however, to have an audit committee comprised entirely of independent directors within the permitted phase-in period under NASDAQ rules.

As a result of the size of that group s ownership of our common stock, that group will be able to control matters requiring stockholder approval, including the election of directors, changes to our organizational documents and significant corporate transactions.

If at any time we cease to be a controlled company under NASDAQ rules, the Board will take all action necessary to comply with the NASDAQ rules, including appointing a majority of independent directors to the Board and ensuring we have a compensation committee and a nominating and corporate governance committee, each composed entirely of independent directors, subject to a permitted phase-in period. We will cease to qualify as a controlled company once that group ceases to control a majority of our voting stock.

Initially, our board of directors will consist of a single class of directors each serving one year terms. After a group including MRD Holdco and/or the Funds no longer beneficially owns or controls the vote of more than 50% of our issued and outstanding common stock, our board of directors will be divided into three classes of directors, with each class as nearly equal in number as possible, serving staggered three year terms, and such directors being removable only for cause.

In evaluating director candidates, our Board will assess whether a candidate possesses the integrity, judgment, knowledge, experience, skill and expertise that are likely to enhance the ability of the Board to manage and direct our affairs and business, including, when applicable, to enhance the ability of committees of the board to fulfill their duties. We have no minimum qualifications for director candidates. In general, however, our Board will review and evaluate both incumbent and potential new directors in an effort to achieve diversity of skills and experience among our directors and in light of the following criteria:

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experience in business, government, education, technology or public interests;
high-level managerial experience in large organizations;
breadth of knowledge regarding our business or industry;
specific skills, experience or expertise related to an area of importance to us, such as energy production, consumption, distribution or transportation, government, policy, finance or law;
moral character and integrity;
commitment to our stockholders interests;
ability to provide insights and practical wisdom based on experience and expertise;
ability to read and understand financial statements; and
ability to devote the time necessary to carry out the duties of a director, including attendance at meetings and consultation on comparatters.
Although we do not have a policy in regard to the consideration of diversity in identifying director nominees, qualified candidates for nomination to the board are considered without regard to race, color, religion, gender, ancestry or national origin.
Director Independence
Our Board has determined that, under NASDAQ listing standards and taking into account any applicable committee standards and rules under the Exchange Act, each of Robert Innamorati, Pat Wood, III and Carol O Neill is an independent director.
Audit Committee
Prior to the listing of our common stock on the NASDAQ, we intend to have an Audit Committee and may have such other committees as the Board shall determine from time to time. The Audit Committee will have the composition and responsibilities described below.

Mr. Innamorati, Ms. O Neill and Mr. Wood will serve as the members of our Audit Committee. Our Board has determined that Mr. Innamorati is an Audit Committee financial expert as defined by the SEC. Each member of the Audit Committee meets or will meet criteria for independence

of Audit Committee members set forth in Rule 10A-3(b)(1) under the Exchange Act.

The princ	cipal duties of the Audit Committee are to assist the Board in fulfilling its responsibility to oversee management regarding:
:	systems of internal control over financial reporting and disclosure controls and procedures;
1	the integrity of the financial statements;
	the qualifications, engagement, compensation, independence and performance of the independent auditors and our internal audifunction;
•	compliance with legal and regulatory requirements;
1	review of material related party transactions; and

compliance with and adequacy of the code of business and ethics, review and, if appropriate, approve any requests for written waivers sought with respect to any executive officer or director under, the code of business and ethics.

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### Code of Conduct

In connection with the closing of this offering, our Board will adopt a code of business conduct and ethics (the Code of Conduct ) that will apply to all directors, officers and employees, including our principal executive officer, principal financial officer and principal accounting officer. Upon the closing of this offering, the Code of Conduct will be available in the Corporate Governance section of our website at www.memorialrd.com. The contents of our website are not incorporated by reference herein or otherwise a part of this prospectus. The purpose of the Code of Conduct is to promote honest and ethical conduct, including the ethical handling of actual or apparent conflicts of interest between personal and professional relationships; to promote full, fair, accurate, timely and understandable disclosure in periodic reports required to be filed by us; and to promote compliance with all applicable rules and regulations that apply to us and our officers.

#### **Executive Compensation**

Although we were formed in January 2014 and have not incurred any cost or liability with respect to compensation, management incentive or retirement benefits for our executive officers for the fiscal year ended December 31, 2013 or for any prior periods, we present historical executive compensation information for our predecessor below.

#### Structure

MRD LLC s named executive officers identified below have also historically served as executive officers of MEMP GP. The compensation information described in this section and contained in the tables that follow reflects all compensation received by the named executive officers for the services they provide to MEMP GP and MEMP for the years covered. However, MEMP reimburses MRD LLC for costs and expenses incurred for its or MEMP GP s benefit pursuant to the terms of the omnibus agreement. See Certain Relationships and Related Party Transactions Omnibus Agreement for more information about the omnibus agreement.

#### Named Executive Officers

We are currently considered an emerging growth company for purposes of the SEC s executive compensation disclosure rules. In accordance with such rules, we are required to provide a Summary Compensation Table and an Outstanding Equity Awards at Fiscal Year End Table, as well as limited narrative disclosures. Further, our reporting obligations extend only to the individuals serving as our chief executive officers, and our two other most highly compensated executive officers and only for the two most recently completed fiscal years. MRD LLC s named executive officers for 2013 were:

Name	Principal Position
John A. Weinzierl	Chief Executive Officer
Andrew J. Cozby	Vice President, Finance
Larry R. Forney	Vice President, Operations & Asset Management

### **Employment Agreements**

Our predecessor was not party to any employment, severance or change in control agreements with any of its named executive officers. We intend to enter into change in control agreements with our executive officers in connection with the closing of this offering. Please see Compensation Following this Offering Change in Control Agreements.

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#### **Summary Compensation Table**

The following table includes the compensation earned by our predecessor s named executive officers for the years ended December 31, 2013 and 2012.

				Unit	Option	All Other	
Name and Position	Year	Salary	Bonus	Awards (2)	Awards (3) Co	mpensation (4)	Total (5)
John A. Weinzierl	2013	\$ 187,500	\$ 518,750	\$ 2,249,996	N/A \$	2,618,171	\$ 5,574,417
(Chief Executive Officer) (1)	2012	100,000		2,500,735		202,119	2,802,854
Andrew J. Cozby	2013	\$ 250,000	\$ 259,375	\$ 1,207,885	N/A \$	1,293,509	\$ 3,010,769
(Vice President, Finance)	2012	250,000	148,364	703,661		65,837	1,167,862
Larry R. Forney	2013	\$ 250,000	\$ 259,375	\$ 1,231,255	N/A \$	1,281,549	\$ 3,022,179
(Vice President, Operations & Asset Management)	2012	250,000	125,000	508,088		50,522	933,610

- (1) Mr. Weinzierl also served as President from April 2011 until January 2014.
- (2) Reflects the aggregate grant date fair value of restricted unit awards in accordance with FASB ASC Topic 718 granted under the Memorial Production Partners GP LLC Long-Term Incentive Plan calculated by multiplying the number of restricted units granted to each executive by the closing price of MEMP common units on the date of grant. For information about assumptions made in the valuation of these awards, see Note 10 of the Notes to Consolidated and Combined Financial Statements.
- (3) Each of the named executive officers received a grant of incentive units from MRD LLC in June 2012. We believe that, despite the fact that the incentive units do not require the payment of an exercise price, they are most similar economically to stock options, and as such, they are properly classified as options under the definition provided in Item 402(a)(6)(i) of Regulation S-K as an instrument with an option-like feature. Amounts reflected in this column reflect a grant date fair value of the incentive units in accordance with FASB ASC Topic 718 of \$0. Because the performance conditions related to these awards were not deemed probable at the time of grant in 2012, no amounts have been reported in 2012 for purposes of this table.
- (4) Amounts include (i) matching contributions under funded, qualified, defined contribution retirement plans, (ii) one-time performance bonus, (iii) the dollar value of life insurance premiums paid on behalf of such officer and (iv) the dollar value of short and long term disability insurance premiums paid on behalf of such officer.
- (5) Includes, in addition to the grant date fair value of MEMP unit awards described in footnote 2, amounts reimbursed by MEMP for portions of compensation allocated to MEMP. The following supplemental table presents the amounts reimbursed by MEMP to MRD LLC for compensation allocated to MEMP for each named executive officer for the years ended December 31, 2013 and 2012:

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Name	Year	Rein	nbursement
John A. Weinzierl	2013	\$	372,192
	2012		17,349
Andrew J. Cozby	2013	\$	261,281
	2012		66,527
Larry R. Forney	2013	\$	261,281
	2012		62,789

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### Narrative Disclosure to Summary Compensation Table

The following supplemental table presents the components of All Other Compensation for each of our predecessor s named executive officers for the years ended December 31, 2013 and 2012:

			Quarterly			
		One-Time	Distributions	Matching		Total
		Performance	Paid On	Contributions		All Other
Name	Year	Bonus	Unit Awards	401(k)	Other	Compensation
John A. Weinzierl	2013	\$ 2,293,200	\$ 316,564	\$ 5,917	\$ 2,490	\$ 2,618,171
	2012		193,690	6,000	2,429	202,119
Andrew J. Cozby	2013	\$ 1,146,600	\$ 129,419	\$ 15,000	\$ 2,490	\$ 1,293,509
	2012		48,408	15,000	2,429	65,837
Larry R. Forney	2013	\$ 1,146,600	\$ 117,459	\$ 15,000	\$ 2,490	\$ 1,281,549
	2012		33,093	15,000	2,429	50,522

#### **Outstanding Equity Awards**

The awards reported here reflect the outstanding restricted MEMP common unit awards and incentive units issued to our predecessor s named executive officers as of December 31, 2013. In connection with the restructuring transactions, the MRD LLC incentive units will be exchanged for substantially identical incentive units in MRD Holdco.

	Restricted MEMP Common			Option Awards			
		Number of Units Market Value		Number of Securities Underlying	(Incentive Uni Number of Securities Underlying	t Awards) Option	
		That Have	of Units That Have	Unexercised Options,	Unexercised Options,	Exercise	Option
	Vesting	Not Vested	Not Vested	Unexercisable	Exercisable	Price	Expiration
	Date (1)	(#)	<b>(\$) (2)</b>	(#)(3)	(#)(3)	(\$)(3)	Date(3)
John A. Weinzierl	Various	209,647	\$ 4,599,655	410	0	N/A	N/A
Andrew J. Cozby	Various	90,416	1,983,727	120	0	N/A	N/A
Larry R. Forney	Various	84,673	1,857,726	120	0	N/A	N/A

- (1) One-third vests on the first, second, and third anniversaries of each date of grant. Of the 384,736 non-vested restricted MEMP common unit awards presented in the table, approximately 150,809 vest in each of 2014 and 2015 and 83,113 vest in 2016. There were 57,013 restricted MEMP common units that vested on January 9, 2014.
- (2) Amounts derived by multiplying the total number of restricted MEMP common unit awards outstanding for each named executive officer by the closing price of the MEMP common units at December 31, 2013 of \$21.94 per unit.
- (3) Despite the fact that profits interests such as the incentive units do not require the payment of an exercise price, we believe that these awards are economically similar to stock options due to the fact that they have no value for tax purposes at grant and will obtain value only as the price of the underlying security rises, and as such, should be reported in this table as an Option award. The incentive units vest ratably over a three year period, although vesting will be fully accelerated upon the occurrence of an event which results in the Funds no longer owning a majority of the interests in, or possessing the right to appoint a majority of, the board of managers of, MRD LLC. All of the incentive units issued to the named executive officers were issued in June 2012. All incentive units that have not vested according to

their original vesting schedule at the time a named executive officer s employment with MRD LLC is terminated for any reason or no reason, including by involuntary termination, resignation, death or disability, will be automatically forfeited without payment. In addition, all incentive units (whether vested or unvested) will be automatically forfeited without payment if the executive officer is terminated for cause (as defined in the MRD LLC limited liability company agreement) or the executive officer resigns. The restructuring transactions described in this

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prospectus are not expected to constitute a change in control resulting in the automatic vesting of the incentive units under the MRD LLC limited liability company agreement. For a description of how and when the incentive units could obtain value and receive payment, see the discussion below.

#### Narrative to the Outstanding Equity Awards Table

Our predecessor granted incentive units to each of the named executive officers in order to provide them with the ability to benefit from the growth in MRD LLC s operations and business. A payout on the incentive units will occur only if, and then after, a specified level of cumulative cash distributions has been received by the Funds. Once this cumulative cash distributions threshold is achieved, all of the incentive unit holders will collectively share 10% of all further cash distributions made by MRD LLC to its members. While any such distributions made by MRD Holdco will not involve any cash payment by us, we will be required to recognize non-cash compensation expense within general and administrative expenses, which may be material, in the period in which the performance conditions are probable of being satisfied. The compensation expense recognized by us related to the incentive units will be offset by a deemed capital contribution from MRD Holdco.

#### Potential Payments Upon Termination or Change in Control

Awards under the Memorial Production Partners GP LLC Long-Term Incentive Plan may vest and/or become exercisable, as applicable, upon a change of control of MRD LLC or MEMP GP, as determined by the plan administrator. Under the Memorial Production Partners GP LLC Long-Term Incentive Plan, a change of control will be deemed to have occurred upon one or more of the following events (i) the managers of MRD LLC appointed by the Funds or their affiliates do not constitute a majority of the board of managers of MRD LLC; (ii) MRD LLC, the Funds or any of their affiliates do not have the right to appoint or nominate a majority of the board of directors of MEMP GP; (iii) the members of MEMP GP approve and implement, in one or a series of transactions, a plan of complete liquidation of MEMP GP; (iv) the sale or other disposition by MEMP GP of all or substantially all of its assets in one or more transactions to any person or entity other than MEMP GP or an affiliate of MEMP GP or the Funds; or (v) a person or entity other than MEMP GP or an affiliate of MEMP GP or the Funds becomes the general partner of MEMP. The consequences of the termination of a grantee s employment, consulting arrangement or membership on the board of managers or directors will be determined by the plan administrator in the terms of the relevant award agreement.

As described above, the vesting of the incentive units will be fully accelerated upon the occurrence of an event which results in the Funds no longer owning a majority of the interests in, or possessing the right to appoint a majority of the board of managers of, MRD LLC.

In connection with the closing of this offering, we will adopt the Memorial Resource Development Corp. 2014 Long Term Incentive Plan, as further described in Compensation Following this Offering 2014 Long Term Incentive Plan, and will enter into change in control agreements with our executive officers, as further described in Compensation Following this Offering Change in Control Agreements.

#### **Manager Compensation**

None of MRD LLC s managers, whether or not employed by MRD LLC, received compensation for services to MRD LLC as a manager for the year ended December 31, 2013.

### **Compensation Following This Offering**

We expect that our named executive officers will also serve as executive officers of MEMP GP. MEMP will reimburse us for costs and expenses incurred for its or MEMP GP s benefit pursuant to the terms of the omnibus agreement, including an allocated portion of each such executive s compensation. See Certain Relationships and Related Party Transactions Omnibus Agreement for more information about the omnibus agreement. We will have sole responsibility and authority for compensation-related decisions for our executive officers and other personnel.

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We expect to employ a compensation philosophy that will emphasize pay-for-performance, which will be based on a combination of our performance and the individual s impact on our performance and will place the majority of each officer s compensation at risk. We expect that the future compensation of our executive and non-executive officers will include a significant component of incentive compensation based on our performance. The performance metrics governing incentive compensation will not be tied in any way to the performance of entities other than us. We believe this pay-for-performance approach generally aligns the interests of our executive officers with that of our stockholders, and at the same time enables us to maintain a lower level of base overhead in the event our operating and financial performance fails to meet expectations.

We will design our executive compensation to attract and retain individuals with the background and skills necessary to successfully execute our business model in a demanding environment, to motivate those individuals to reach near-term and long-term goals in a way that aligns their interest with that of our stockholders, and to reward success in reaching such goals. We expect that we will use three primary elements of compensation to fulfill that design salary, cash bonus and long-term equity incentive awards. Cash bonuses and equity incentives (as opposed to salary) represent the performance driven elements. They are also flexible in application and can be tailored to meet our objectives. The determination of specific individuals cash bonuses reflects their relative contribution to achieving or exceeding annual goals, and the determination of specific individuals long-term incentive awards is based on their expected contribution in respect of longer term performance objectives.

We do not intend to establish a defined benefit or pension plan for our executive officers because we believe such plans primarily reward longevity rather than performance. We will provide a basic benefits package generally to all employees, which includes a 401(k) plan and health, disability and life insurance.

We expect that our named executive officers for the year ended December 31, 2014 will be the following:

Name	Principal Position
John A. Weinzierl	Chief Executive Officer
William J. Scarff	President
Andrew J. Cozby	Vice President and Chief Financial Officer

The following table sets forth the expected base salaries and expected annual target bonus opportunities for our named executive officers for 2014:

Name	2014 Base Salary	2014 Target Bonus Opportunity (% of Base Salary)
John A. Weinzierl	\$350,000	100%
William J. Scarff	\$350,000	100%
Andrew J. Cozby	\$350,000	80%

#### IPO Bonuses

We intend to grant certain employees, including our named executive officers, bonuses in connection with the successful completion of our initial offering. The bonuses will be granted to the employees in the form of restricted stock awards that will be governed by the Plan described below. The restricted stock awards will be granted following the closing of this offering and will vest ratably on a four-year annual vesting

schedule. These bonuses will total 1,052,632 shares for all employees, including our named executive officers. Of our 2014 named executive officers, Mr. Weinzierl will receive an award of 184,211 shares, Mr. Scarff of 131,579 shares and Mr. Cozby of 97,368 shares.

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#### **Director Compensation**

Our officers or employees who also serve as our directors will not receive additional compensation for their service as a director. Our directors who are not our officers or employees will receive compensation as nonemployee directors. We expect that each non-employee director will receive an annual retainer and an additional retainer for service as the chair of the audit committee. We also expect to grant equity-based awards to non-employee directors upon appointment to the board or as of the completion of this offering and on an annual basis. The amount and form of such compensation has not yet been determined. Non-employee directors will be reimbursed for all out-of-pocket expenses incurred in connection with attending board or committee meetings. Each director will be indemnified for his actions associated with being a director to the fullest extent permitted under Delaware law.

#### **Change in Control Agreements**

We will enter into change in control agreements with our executive officers in connection with the closing of this offering. The change in control agreements will continue in effect until the earlier of (i) a separation from service other than on account of a qualifying termination (as defined below), (ii) the Company s satisfaction of all of our obligations under the change in control agreement, or (iii) the execution of a written agreement between the Company and the executive officer terminating the change in control agreement.

Under the terms of each change in control agreement, if an executive s employment is terminated on account of a qualifying termination, then subject to such executive s signing and not revoking a separation agreement and release of claims, then such executive will be entitled to:

receive a lump sum payment of equal to a specified percentage of such executive s (a) annual base salary and (b) target bonus, in each case, at the highest rate in effect during the twelve month period prior to the date in which the qualifying termination occurs, which percentage is 250/200/150%;

the vesting of all outstanding unvested awards previously granted to such executive under the Memorial Resource Development Corp. 2014 Long Term Incentive Plan;

reimbursement for the amount of COBRA continuation premiums (less required co-pay) until the earlier of (a) twelve months following the qualifying termination and (b) such time as such executive is no longer eligible for COBRA continuation coverage;

financial counseling services for twelve months following the qualifying termination, subject to a maximum benefit of \$30,000; and

outplacement counseling services for twelve months following the qualifying termination, subject to a maximum value of \$30,000.

For purposes of the above, qualifying termination means, as to any executive, the separation of service on account of (i) an involuntary termination by the Company without cause or (ii) such executive s voluntary resignation for good reason, in each case, within six months prior to, or twenty-four months following, a change in control. The term cause means (a) such executive s commission of, conviction for, plea of guilty or nolo contendere to a felony or a crime involving moral turpitude; (b) engaging in conduct that constitutes fraud, gross negligence or willful misconduct that results or would reasonably be expected to result in material harm to the Company or our business or reputation; (c) breach of any material terms of such executive s employment, including any of our policies or code of conduct; or (d) failure to perform such executive s duties for the Company. The term good reason means the occurrence of one of the following without an executive s express written consent (i) a

material reduction of such executive s duties, position or responsibilities, or such executive s removal from such position and responsibilities, unless such executive is offered a comparable position (i.e., a position of equal or greater organizational level, duties, authority, compensation, title and status); (ii) a material reduction by the Company of such executive s base compensation (base salary and target bonus) as in effect immediately prior to such reduction; or (iii) such executive is requested to relocate (except for office relocations that would not increase

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such executive s one way commute by more than 50 miles). The term change in control has the meaning ascribed to such term in the Memorial Resource Development Corp. 2014 Incentive Award Plan and is described in the discussion below under 2014 Long Term Incentive Plan Merger, recapitalization or change in control.

In the event that the board determines that payments to be made to an executive under the change in control agreement would constitute excess parachute payments subject to excise tax under Section 4999 of the Internal Revenue Code, then the amount of such payments shall either (i) be reduced so that such payments will not be subject to such excise tax or (ii) paid in full, whichever results in the better net after tax position for the executive.

### 2014 Long Term Incentive Plan

We intend to adopt the Memorial Resource Development Corp. 2014 Long Term Incentive Plan (the Plan ) for the employees of the Company and our directors. The description of the Plan set forth below is a summary of the material features of the Plan. This summary is qualified in its entirety by reference to the Plan, a copy of which has been filed as an exhibit to this registration statement. The purpose of the Plan is to provide a means to attract and retain individuals to serve as our directors and employees by affording such individuals a means to acquire and maintain ownership of awards, the value of which is tied to the performance of our common stock. We have not yet made decisions regarding the type of award or the amounts of equity-based awards that will be appropriate for our employees or directors following this offering. The restricted stock units granted in connection with the closing of this offering described below should be not be interpreted as representative of the Plan awards that may be granted in the future.

The Plan will provide for potential grants of: (i) incentive stock options qualified as such under U.S. federal income tax laws (incentive options); (ii) stock options that do not qualify as incentive stock options (nonstatutory options, and together with incentive options, options); (iii) stock appreciation rights; (iv) restricted stock awards; (v) restricted stock units (RSUs); (vi) bonus stock; (vii) dividend equivalents, (viii) performance awards; (ix) annual incentive awards; and (x) other stock-based awards (collectively referred to as awards).

#### Administration

Our Board will administer the Plan pursuant to its terms and all applicable state, federal or other rules or laws, and may delegate its duties and responsibilities as Plan administrator to a committee composed of two or more directors, subject to certain limitations. The Plan administrator will have the power to determine to whom and when awards will be granted, determine the amount of awards (measured in cash or in shares of our common stock), proscribe and interpret the terms and provisions of each award agreement (the terms of which may vary), make determinations of fair market value, accelerate the exercise terms of an option, delegate duties under the Plan, terminate, modify or amend the Plan in certain cases and execute all other responsibilities permitted or required under the Plan. The Plan administrator shall be limited in its administration of the Plan only in the event that a performance award or annual incentive award intended to comply with section 162(m) of the Code requires the Board to be composed solely of outside directors at a time when not all directors are considered outside directors for purposes of section 162(m) of the Code; at such time any director that is not qualified to grant or administer such an award will recuse himself from the Board s actions with regard to that award.

Securities to be Offered

The maximum aggregate number of shares of common stock that may be issued pursuant to any and all awards under the Plan shall not exceed 19,250,000 shares, subject to adjustment due to recapitalization or reorganization, or related to forfeitures or the expiration of awards, as provided under the Plan.

If common stock subject to any award is not issued or transferred, or ceases to be issuable or transferable for any reason, including (but not exclusively) because shares are withheld or surrendered in payment of taxes or any

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exercise or purchase price relating to an award or because an award is forfeited, terminated, expires unexercised, is settled in cash in lieu of common stock or is otherwise terminated without a delivery of shares, those shares of common stock will again be available for issue, transfer or exercise pursuant to awards under the Plan to the extent allowable by law.

Options. We may grant options to eligible persons including: (i) incentive options (only to our employees or those of our subsidiaries) which comply with section 422 of the Code; and (ii) nonstatutory options. The exercise price of each option granted under the Plan will be stated in the option agreement and may vary; however, the exercise price for an option must not be less than the fair market value per share of common stock as of the date of grant (or 110% of the fair market value for certain incentive options), nor may the option be re-priced without the prior approval of our stockholders. Options may be exercised as the Board determines, but not later than ten years from the date of grant. The Board will determine the methods and form of payment for the exercise price of an option (including, in the discretion of the Board, payment in common stock, other awards or other property) and the methods and forms in which common stock will be delivered to a participant.

Stock appreciation rights (SARs) may be awarded in connection with an option (or as SARs that stand alone, as discussed below). SARs awarded in connection with an option will entitle the holder, upon exercise, to surrender the related option or portion thereof relating to the number of shares for which the SAR is exercised. The surrendered option or portion thereof will then cease to be exercisable. Such SAR is exercisable or transferable only to the extent that the related option is exercisable or transferable.

SARs. A SAR is the right to receive a share of common stock, or an amount equal to the excess of the fair market value of one share of the common stock on the date of exercise over the grant price of the SAR, as determined by the Board. The exercise price of a share of common stock subject to the SAR shall be determined by the Board, but in no event shall that exercise price be less than the fair market value of the common stock on the date of grant. The Board will have the discretion to determine other terms and conditions of a SAR award.

Restricted stock awards. A restricted stock award is a grant of shares of common stock subject to a risk of forfeiture, performance conditions, restrictions on transferability and any other restrictions imposed by the Board in its discretion. Restrictions may lapse at such times and under such circumstances as determined by the Board. Except as otherwise provided under the terms of the Plan or an award agreement, the holder of a restricted stock award will have rights as a stockholder, including the right to vote the common stock subject to the restricted stock award or to receive dividends on the common stock subject to the restricted stock award during the restriction period. The Board shall provide, in the restricted stock award agreement, whether the restricted stock will be forfeited and reacquired by us upon certain terminations of employment. Unless otherwise determined by the Board, common stock distributed in connection with a stock split or stock dividend, and other property distributed as a dividend, will be subject to restrictions and a risk of forfeiture to the same extent as the restricted stock award with respect to which such common stock or other property has been distributed.

Restricted stock units. RSUs are rights to receive common stock, cash, or a combination of both at the end of a specified period. The Board may subject RSUs to restrictions (which may include a risk of forfeiture) to be specified in the RSU award agreement, and those restrictions may lapse at such times determined by the Board. Restricted stock units may be settled by delivery of common stock, cash equal to the fair market value of the specified number of shares of common stock covered by the RSUs, or any combination thereof determined by the Board at the date of grant or thereafter. Dividend equivalents on the specified number of shares of common stock covered by RSUs may be paid on a current or deferred basis, as determined by the Board on or following the date of grant.

*Bonus stock awards*. The Board will be authorized to grant common stock as a bonus stock award. The Board will determine any terms and conditions applicable to grants of common stock, including performance criteria, if any, associated with a bonus stock award.

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Dividend equivalents. Dividend equivalents are rights to receive cash, stock, other awards, or other property equal in value to dividends paid with respect to a specified number of shares of common stock. Dividend equivalents may be awarded on a free-standing basis or in connection with another award. The Board may provide that dividend equivalents shall be paid or distributed when accrued or shall be deemed to have been reinvested in additional common stock, awards, or other investment vehicles, and be subject to such restrictions on transferability and risks of forfeiture, as determined by the Board.

Performance awards and annual incentive awards. The Board may designate that certain awards granted under the Plan constitute performance awards. A performance award is any award the grant, exercise or settlement of which is subject to one or more performance standards. An annual incentive award is an award based on a performance period of the fiscal year, and is also conditioned on one or more performance standards. One or more of the following business criteria for the company, on a consolidated basis, and/or for specified subsidiaries, may be used by the Board in establishing performance goals for such performance awards or annual incentive awards that are intended to meet the performance-based compensation criteria of section 162(m) of the Code: (i) earnings per share; (ii) increase in revenues; (iii) increase in cash flow; (iv) increase in cash flow from operations; (v) increase in cash flow return; (vi) return on net assets; (vii) return on assets; (viii) return on investment; (ix) return on capital; (x) return on equity; (xi) economic value added; (xii) operating margin; (xiii) contribution margin; (xiv) net income; (xv) net income per share; (xvi) pretax earnings; (xvii) pretax operating earnings after interest expense and before incentives, service fees and extraordinary or special items; (xviii) pretax earnings before interest, depreciation and amortization; (xix) total stockholder return; (xx) debt reduction; (xxi) market share; (xxii) change in the fair market value of the common stock; (xxiii) operating income; or (xxiv) lease operating expenses. The Board may exclude the impact of any of the following events or occurrences which the Board determines should appropriately be excluded: (i) asset write-downs; (ii) litigation, claims, judgments or settlements; (iii) the effect of changes in tax law or other such laws or regulations affecting reported results; (iv) accruals for reorganization and restructuring programs; (v) any extraordinary, unusual or nonrecurring items as described in the Accounting Standards Codification Topic 225, as the same may be amended or superseded from time to time; (vi) any change in accounting principles as defined in the Accounting Standards Codification Topic 250, as the same may be amended or superseded from time to time; (vii) any loss from a discontinued operation as described in the Accounting Standards Codification Topic 360, as the same may be amended or superseded from time to time; (viii) goodwill impairment charges; (ix) operating results for any business acquired during the calendar year; (x) third party expenses associated with any acquisition by us or any subsidiary; and (xi) to the extent set forth with reasonable particularity in connection with the establishment of performance goals, any other extraordinary events or occurrences identified by the Board. The Board may also use any of the above goals determined on an absolute or relative basis or as compared to the performance of a published or special index deemed applicable by the Board including, but not limited to, the Standard & Poor s 500 stock index or a group of comparable companies.

Other stock-based awards. The Board is authorized, subject to limitations under applicable law, to grant such other awards that may be denominated or payable in, valued in whole or in part by reference to, or otherwise based on, or related to, our common stock, as deemed by the Board to be consistent with the purposes of the Plan. These other awards could include convertible or exchangeable debt securities, other rights convertible or exchangeable into common stock, purchase rights for common stock, awards with value and payment contingent upon performance of the Company or any other factors designated by the Board, and awards valued by reference to the book value of our common stock or the value of securities of or the performance of specified subsidiaries of the Company. The Board shall determine the terms and conditions of these awards.

Performance awards or annual incentive awards granted to eligible persons who are deemed by the Board to be covered employees pursuant to section 162(m) of the Code shall be administered in accordance with the rules and regulations issued under section 162(m) of the Code. The Board may also impose individual performance criteria on the awards, which, if required for compliance with section 162(m) of the Code, will be approved by our stockholders. In any calendar year, a covered employee may not be granted an award of more than 2.5 million of our shares of stock, or cash-based award having a value of more than \$50 million.

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*Tax withholding.* At our discretion, subject to conditions that the Board may impose, a participant s minimum statutory tax withholding with respect to an award may be satisfied by withholding from any payment related to an award or by the withholding of shares of common stock issuable pursuant to the award based on the fair market value of the shares.

Merger, recapitalization or change in control. If any change is made to our capitalization, such as a stock split, stock combination, stock dividend, exchange of shares or other recapitalization, merger or otherwise, which results in an increase or decrease in the number of outstanding shares of common stock, appropriate adjustments will be made by the Board in the shares subject to an award under the Plan. We will also have the discretion to make certain adjustments to awards in the event of a change in control, such as accelerating the exercisability of options or SARs, requiring the surrender of an award, with or without consideration, or making any other adjustment or modification to the award we feel is appropriate in light of the specific transaction.

A change in control is defined in the Plan to mean (i) subject to certain exceptions, the acquisition by a person or group of more than 50% of shares of our outstanding common stock or the total combined voting power of our outstanding securities, (ii) individuals who constitute our incumbent board cease for any reason to constitute at least a majority of the Board, (iii) a merger, consolidation, reorganization or business combination or the sale or other disposition of all or substantially all of our assets or an acquisition of assets of another entity unless following such transaction, (a) our stockholders continue to own more than 50% of the voting power of the resulting entity, (b) no person (excluding any entity controlled by or under common control with NGP Energy Capital Management, L.L.C.) beneficially owns, directly or indirectly, 20% or more of the then outstanding shares of common stock or common equity interests of the resulting entity or the combined voting power of the then outstanding voting securities to the extent that such ownership results solely from ownership of the Company prior to the transaction or event and (c) a majority of the members of the board of directors of the resulting entity were members of our incumbent board at the time of the action of our Board providing for such transaction or event or (iv) approval by our stockholders of the Company s complete liquidation or dissolution.

#### Awards To Be Granted Following This Offering

Following the closing of this offering, we expect that our Board will approve an award of 1,052,632 shares of restricted stock under the Plan to certain of our key employees, including each of our executive officers, as further described in Compensation Following This Offering IPO Bonuses. Following the awards described above, we do not currently expect that our Board will approve additional awards under the Plan for the remainder of 2014.

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#### PRINCIPAL AND SELLING STOCKHOLDERS

The following table provides certain information regarding the beneficial ownership of our outstanding capital stock as of May 30, 2014, and after giving effect to the offering and the restructuring transactions, for:

each person who then will beneficially own more than 5% of the then outstanding capital stock on a fully diluted basis;
each of our directors;
each of our named executive officers; and
all of our directors and executive officers as a group.

The amounts and percentages of common stock beneficially owned are reported on the basis of regulations of the SEC governing the determination of beneficial ownership of securities. Under the rules of the SEC, a person is deemed to be a beneficial owner of a security if that person has or shares voting power, which includes the power to vote or to direct the voting of such security, or investment power, which includes the power to dispose of or to direct the disposition of such security. A person is also deemed to be a beneficial owner of any securities of which that person has a right to acquire beneficial ownership within 60 days. Under these rules, more than one person may be deemed a beneficial owner of the same securities and a person may be deemed a beneficial owner of securities as to which he has no economic interest. Except as indicated by footnote and in the next paragraph, the persons named in the table below have sole voting and investment power with respect to all shares of common stock shown as beneficially owned by them. Unless otherwise noted, the mailing address of each person or entity named in the table is 1301 McKinney Street, Suite 2100, Houston, Texas 77010.

Upon the closing of this offering, the group consisting of MRD Holdco, Messrs. Bahr and Graham, and certain other former management members of WildHorse Resources will continue to control a majority of our voting common stock. As a result, we will be a controlled company within the meaning of the NASDAQ listing rules. However, the number of shares reflected in the table below as beneficially owned by each of the members of that group does not include shares held by the other members of that group that are subject to the terms of the voting agreement pursuant to which, among other things, such group members have agreed to vote as directed by MRD Holdco.

MRD Holdco has granted the underwriters the option to purchase up to an additional 6,420,000 shares of common stock and will sell such shares only to the extent such option is exercised. MRD Holdco is deemed under federal securities laws to be an underwriter with respect to the common stock it may sell in connection with this offering. The number of shares being offered by MRD Holdco in the table below assumes no exercise of the underwriters—option to purchase additional shares of common stock from MRD Holdco.

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The table does not reflect any common stock that directors and named executive officers may purchase in this offering through the directed share program described under Underwriting.

	Shares benefici	•	Shares being	Shares beneficially owner after offering	
Name of beneficial owner	Number	Percentage	offered	Number	Percentage
MRD Holdco LLC ( MRD Holdco )(1)	128,665,677	75.2%	21,300,000	107,365,677	55.8%
Kenneth A. Hersh(2)	128,665,677	75.2%		107,365,677	55.8%
Anthony Bahr(3)	14,802,953	8.7%		14,802,953	7.7%
Jay Graham(3)	14,802,953	8.7%		14,802,953	7.7%
Tony R. Weber					
John A. Weinzierl(4)					
Scott A. Gieselman					
William J. Scarff(4)					
Andrew J. Cozby(4)					
Larry R. Forney(4)					
Robert Innamorati(5)					
Carol O Neill(5)					
Pat Wood, III(5)					
All executive officers and directors as a group (13					
persons)(4)	128,665,677	75.2%		107,365,677	55.8%

- (1) The board of managers of MRD Holdco has voting and dispositive power over these shares. The board of managers of MRD Holdco consists of John A. Weinzierl, Kenneth A. Hersh, Scott A. Gieselman and Tony R. Weber, none of whom individually have voting and dispositive power over these shares. Each such person expressly disclaims beneficial ownership over these shares, except to the extent of any pecuniary interest therein. MRD Holdco is owned by Natural Gas Partners VIII, L.P. (NGP VIII), Natural Gas Partners IX, L.P. (NGP IX) and NGP IX Offshore Holdings, L.P. (NGP IX Offshore). NGP VIII, NGP IX and NGP IX Offshore may be deemed to share voting and dispositive power over the reported securities; thus, each may also be deemed to be the beneficial owner of these securities. Each of NGP VIII, NGP IX and NGP IX Offshore disclaims beneficial ownership of the reported securities in excess of such entity s respective pecuniary interest in the securities. G.F.W. Energy VIII, L.P., GFW VIII, L.L.C., G.F.W. Energy IX, L.P. and GFW IX, L.L.C. may be deemed to beneficially own the shares held by MRD Holdco that are attributable to NGP VIII, NGP IX and NGP IX Offshore by virtue of GFW VIII, L.L.C. being the sole general partner of G.F.W. Energy VIII, L.P. (which is the general partner of NGP VIII) and GFW IX, L.L.C. being the sole general partner of G.F.W. Energy IX, L.P. (which is the general partner of NGP IX and NGP IX Offshore). Kenneth A. Hersh, one of our directors and who is an Authorized Member of each of GFW VIII, L.L.C. and GFW IX, L.L.C., may also be deemed to share the power to vote, or to direct the vote, and to dispose, or to direct the disposition, of those shares. Mr. Hersh does not own directly any shares.
- (2) G.F.W. Energy VIII, L.P., GFW VIII, L.L.C., G.F.W. Energy IX, L.P. and GFW IX, L.L.C. may be deemed to beneficially own the shares held by MRD Holdco that are attributable to NGP VIII, NGP IX and NGP IX Offshore by virtue of GFW VIII, L.L.C. being the sole general partner of G.F.W. Energy VIII, L.P. (which is the general partner of NGP VIII) and GFW IX, L.L.C. being the sole general partner of G.F.W. Energy IX, L.P. (which is the general partner of NGP IX and NGP IX Offshore). Kenneth A. Hersh, one of our directors and who is an Authorized Member of each of GFW VIII, L.L.C. and GFW IX, L.L.C., may also be deemed to share the power to vote, or to direct the vote, and to dispose, or to direct the disposition, of those shares. Mr. Hersh does not own directly any shares.
- (3) The address for these beneficial owners is 9805 Katy Freeway, Suite 400, Houston, TX 77024.
- (4) Does not include 184,211, 131,579, 97,368, 97,368, 89,474, 89,474, and 39,474 shares of restricted stock that we will grant to each of Messrs. Weinzierl, Scarff, Cozby, Forney, Roane, Robbins and Venghaus, respectively, following the closing of this offering pursuant to the Memorial Resource Development Corp. 2014 Long Term Incentive Plan. These restricted stock awards will vest ratably on a four-year annual vesting schedule from the date of the grant.
- (5) Does not include 5,263 shares of restricted stock that we will grant to each of Messrs. Innamorati and Wood and Ms. O Neill following the closing of this offering pursuant to the Memorial Resource Development Corp. 2014 Long Term Incentive Plan. These restricted stock awards will vest one year from the date of the grant.

#### CERTAIN RELATIONSHIPS AND RELATED PARTY TRANSACTIONS

#### **Corporate Restructuring**

In connection with our corporate restructuring, we will engage in transactions with certain affiliates and our existing equity holders. See Restructuring Transactions for a description of these transactions.

#### **Historical Transactions with Affiliates**

MRD LLC was formed in April 2011 and capitalized in connection with the December 2011 initial public offering of MEMP. The limited liability company agreement of MRD LLC provides for a number of different classes of units, all of which are currently owned by the Funds. In June 2012, MRD LLC issued incentive units to certain of its officers and employees. These incentive units only participate in distributions upon liquidation events meeting certain requisite financial return thresholds. Before the closing of this offering, the Funds will contribute all of their ownership of MRD LLC to MRD Holdco and the owners of incentive units in MRD LLC will exchange those interests for substantially identical incentive units in MRD Holdco.

#### **Voting Agreement**

In connection with the closing of this offering, we will enter into a voting agreement with MRD Holdco, WHR Incentive LLC, a limited liability company beneficially owned by Messrs. Bahr and Graham and certain former management members of WildHorse Resources that are contributing their ownership of WildHorse Resources to us in the restructuring transactions. Among other things, the voting agreement will provide that those former management members of WildHorse Resources will vote all of their shares of our common stock as directed by MRD Holdco. The voting agreement will also prohibit the transfer of any shares of our common stock by the former management members of WildHorse Resources until after the termination of the services agreement described below; provided, however, that the former management members of WildHorse Resources (other than Anthony Bahr or Jay Graham) may transfer their shares of our common stock after the 180 day lock-up period described in Underwriting (Conflicts of Interest) has expired and these transfer restrictions will not prohibit Jay Graham or Anthony Bahr from exercising piggyback registration rights under the registration rights agreement described below.

Further, so long as the services agreement is in effect, the former management members of WildHorse Resources will have the right to appoint two board observers, Anthony Bahr and Jay Graham, to attend all meetings of our Board in a non-voting, observer capacity. No board observer will have a vote on our Board. The members of the Board can exclude any board observer from any board meeting so that the members of the Board may meet in executive session, to protect attorney-client privilege, or in connection with a conflict of interest.

The voting agreement will also provide MRD Holdco with the right to designate up to three nominees to our Board, provided that such number of nominees shall be reduced to two, one and zero if the Funds and their affiliates collectively own less than 35%, 15% and 5%, respectively, of the outstanding shares of our common stock. The voting agreement will also require us and the stockholders party thereto to take all necessary actions, to the fullest extent permitted by applicable law (including with respect to any fiduciary duties under Delaware law), including voting their shares of our common stock, to cause the election of the nominees designated by MRD Holdco. In addition, the voting agreement will provide that for so long as MRD Holdco has the right to designate two directors to the board, we will cause any committee of our board to include in its membership at least one director designated by MRD Holdco, except to the extent that such membership would violate applicable

securities laws or stock exchange rules.

### **Registration Rights Agreement**

In connection with the closing of this offering, we will enter into a registration rights agreement with MRD Holdco and former management members of WildHorse Resources, Jay Graham ( Graham ) and Anthony Bahr ( Bahr ). Pursuant to the registration rights agreement, we have agreed to register the sale of shares of our common stock under certain circumstances.

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#### **Demand Rights**

At any time after the 180 day lock-up period, as described in Underwriting, and subject to the limitations set forth below, each of MRD Holdco, Graham and Bahr (or their permitted transferees) has the right to require us, by written notice, to prepare and file a registration statement registering the offer and sale of a certain number of their shares of common stock. Generally, we are required to provide notice of the request within five business days following the receipt of such demand request to all other holders of registrable securities, who may, in certain circumstances, participate in the registration. Subject to certain exceptions, we will not be obligated to effect a demand registration within 90 days after the closing of any underwritten offering of shares of our common stock. Further, we are not obligated to effect, (i) at the request of MRD Holdco, more than a total of three demand registrations through December 31, 2016 or, after January 1, 2017, more than one demand registration per calendar year; and (ii) any demand registrations at the request of either Graham or Bahr before the termination of the services agreement, more than two demand registrations at the request of each of Graham or Bahr

We are also not obligated to effect any demand registration in which the anticipated aggregate offering price included in such offering is less than \$50 million. Once we are eligible to effect a registration on Form S-3, any such demand registration may be for a shelf registration statement. We will be required to use all commercially reasonable efforts to maintain the effectiveness of any registration statement until all shares covered by such registration statement have been sold.

In addition, each of MRD Holdco, Graham and Bahr (or their permitted transferees) has the right to require us, subject to certain limitations, to effect a distribution of any or all of their shares of common stock by means of an underwritten offering. In general, any demand for an underwritten offering (other than the first requested underwritten offering made in respect of a prior demand registration and other than a requested underwritten offering made concurrently with a demand registration) shall constitute a demand request subject to the limitations set forth above.

### Piggyback Rights

Subject to certain exceptions, if at any time we propose to register an offering of common stock or conduct an underwritten offering, whether or not for our own account, then we must notify MRD Holdco, Graham and Bahr (or their permitted transferees) of such proposal at least five business days before the anticipated filing date or commencement of the underwritten offering, as applicable, to allow them to include a specified number of their shares in that registration statement or underwritten offering, as applicable.

### Conditions and Limitations; Expenses

These registration rights are subject to certain conditions and limitations, including the right of the underwriters to limit the number of shares to be included in a registration and our right to delay or withdraw a registration statement under certain circumstances. We will generally pay all registration expenses in connection with our obligations under the registration rights agreement, regardless of whether a registration statement is filed or becomes effective.

### **Omnibus Agreement**

On December 14, 2011, in connection with the closing of MEMP s initial public offering, MRD LLC entered into an omnibus agreement with MEMP and its general partner. When the restructuring transactions are completed, we will succeed to all of MRD LLC s duties and obligations under the omnibus agreement.

Pursuant to the omnibus agreement, MEMP is required to reimburse us for all expenses incurred by us (or payments made on MEMP s behalf) in conjunction with our provision of general and administrative services to

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MEMP, including, but not limited to, public company expenses and an allocated portion of the salary and benefits of the executive officers of MEMP s general partner and our other employees who perform services for MEMP or on MEMP s behalf. MEMP is also obligated to reimburse us for insurance coverage expenses we incur with respect to MEMP s business and operations and with respect to director and officer liability coverage for the officers and directors of MEMP s general partner.

Pursuant to the omnibus agreement, we will indemnify MEMP s general partner and MEMP against (i) title defects and (ii) income taxes attributable to pre-closing ownership or operation of the assets we contributed to MEMP in connection with MEMP s initial public offering, including any income tax liabilities related to such contribution occurring on or prior to the closing of MEMP s initial public offering.

Our indemnification obligation will survive until December 2014 with respect to title defects and (ii) for sixty days after the expiration of the applicable statute of limitations with respect to income taxes. All title claims are subject to a \$25,000 per claim de minimus exception and an aggregate \$2,000,000 deductible.

Pursuant to the omnibus agreement, MEMP must indemnify us for any liabilities incurred by us attributable to the operating and administrative services provided to MEMP under the omnibus agreement, other than liabilities resulting from our bad faith, fraud, gross negligence or willful misconduct. In addition, we must indemnify MEMP for any liability MEMP incurs as a result of our bad faith or willful misconduct in providing operating and administrative services under the omnibus agreement. We may terminate the omnibus agreement in the event that we cease to be an affiliate of MEMP and may also terminate the omnibus agreement in the event of MEMP s material breach of the agreement, including failure to pay amounts due thereunder in accordance with its terms.

Under the omnibus agreement, none of the parties thereto nor any of their respective affiliates have any obligation to offer, or provide any opportunity to pursue, purchase or invest in, any business opportunity to any other party or their affiliates. Furthermore, the omnibus agreement does not restrict any of the parties thereto and their respective affiliates from competing with either us, MEMP or MEMP s general partner.

#### **Beta Management Agreement**

On December 12, 2012, MRD LLC entered into a management agreement with its wholly-owned subsidiary, Beta Operating Company, LLC pursuant to which MRD LLC agreed to provide management and administrative oversight with respect to the services provided by such subsidiary under certain operating agreements with a subsidiary of MEMP, in exchange for an annual management fee. When the restructuring transactions are completed, we will succeed to this management agreement and we will receive approximately \$0.4 million from MEMP annually under that agreement.

#### **Services Agreement**

Upon the closing of this offering, we will enter into a services agreement with WildHorse Resources and WildHorse Resources Management Company, LLC ( WHR Management ), pursuant to which WHR Management Company will provide operating and administrative services to us for twelve months relating to the Terryville Complex. In exchange for such services, we will pay a monthly management fee to WHR Management.

WHR Management may only terminate the services agreement by providing 90-days prior written notice to the Company after the six-month anniversary of the date of the agreement. We may terminate the services agreement at any time by providing written notice to WHR Management. The services agreement may only be assigned by either party with the other party s consent. Upon the closing of this offering, WHR Management will be a subsidiary of WildHorse Resources II, LLC, an affiliate of MRD LLC and the Company. NGP and certain former management members of WildHorse Resources own WildHorse Resources II, LLC.

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### **Gas Processing Agreement**

On March 17, 2014, WildHorse Resources, which will become our wholly-owned subsidiary in connection with the restructuring transactions to be entered into in connection with the completion of this offering, entered into a gas processing agreement with PennTex North Louisiana, LLC (PennTex). PennTex is a joint venture among certain affiliates of NGP in which MRD Midstream LLC owns a minority interest. Once PennTex s processing plant becomes operational, it will process natural gas produced from wells located on certain leases owned by WildHorse Resources in the state of Louisiana. The agreement has a 15-year primary term, subject to one-year extensions at either party s election. WildHorse Resources will pay PennTex a monthly fee, subject to an annual inflationary escalation, based on volumes of natural gas delivered and processed. Once the plant is declared operational, WildHorse Resources will be obligated to pay a minimum processing fee equal to approximately \$18.3 million on an annual basis, subject to certain adjustments and conditions. The gas processing agreement requires that the processing plant be operational no later than November 1, 2015.

#### Classic Pipeline Gas Gathering Agreement & Water Disposal Agreement

On November 1, 2011, Classic Hydrocarbons Operating, LLC ( Classic Operating ), which will become our wholly-owned subsidiary in connection with the restructuring transactions to be entered into in connection with the completion of this offering, and Classic Pipeline entered into a gas gathering agreement. Pursuant to the gas gathering agreement, Classic Operating dedicated to Classic Pipeline all of the natural gas produced (up to 50,000 MMBtus per day) on the properties operated by Classic Operating within certain counties in Texas through 2020, subject to one-year extensions at either party s election. On May 1, 2014, Classic Operating and Classic Pipeline amended the gas gathering agreement with respect to Classic Operating s remaining assets located in Panola and Shelby Counties, Texas. Under the amended gas gathering agreement, Classic Operating agreed to pay a fee of (i) \$0.30 per MMBtu, subject to an annual 3.5% inflationary escalation, based on volumes of natural gas delivered and processed, and (ii) \$0.07 per MMBtu per stage of compression plus its allocated share of compressor fuel. The amended gas gathering agreement has a term until December 31, 2023, subject to one-year extensions at either party s election.

On May 1, 2014, Classic Operating and Classic Pipeline entered into a water disposal agreement. The water disposal agreement has a three-year term, subject to one-year extensions at either party s election. Under the water disposal agreement, Classic Operating agreed to pay a fee of \$1.10 per barrel for each barrel of water delivered to Classic Pipeline.

#### **Propel Purchase and Sale Agreement**

On October 1, 2013, the Partnership purchased certain oil and natural gas properties from Propel Energy, LLC ( Propel ) pursuant to that certain Purchase and Sale Agreement between Memorial Production Operating LLC, the Partnership s wholly-owned subsidiary, and Propel. The consideration paid by the Partnership to Propel for the assets was approximately \$80 million. At the time of the transaction, William J. Scarff was president and chief executive officer of Propel. Mr. Scarff s indirect interest in the transaction was approximately \$1,016,000.

### **Repurchase of Net Profits Interests**

On February 28, 2014, WildHorse Resources, which will become our wholly-owned subsidiary in connection with the restructuring transactions to be entered into in connection with the completion of this offering, repurchased net profits interests from an affiliate of NGP for \$63.4 million after customary adjustments. These net profits interests were originally sold to the NGP affiliate upon the completion of certain acquisitions in

2010 by WildHorse Resources.

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### Dispositions of Oil and Natural Gas Producing Properties to the Partnership

We have divested long-lived producing oil and natural gas properties to the Partnership through the following drop down transactions:

In April 2012, we sold 22 Bcfe of proved reserves located in East Texas to the Partnership for cash consideration of approximately \$18.5 million;

In May 2012, we sold an additional 28 Bcfe of proved reserves in East Texas to the Partnership for a final purchase price of approximately \$27.0 million;

In March 2013, we sold 162 Bcfe of proved reserves located in East Texas to the Partnership for cash consideration of approximately \$200.0 million;

In October 2013, we sold 99 Bcfe of proved reserves located in East Texas and the Rocky Mountains to the Partnership for cash consideration of approximately \$96.3 million; and

In April 2014, we sold approximately 15 Bcfe of proved reserves located in East Texas to the Partnership for cash consideration of approximately \$34.0 million, subject to customary post-closing adjustments.

### **Procedures for Approval of Related Party Transactions**

Prior to the closing of this offering, we have not maintained a policy for approval of related party transactions. A related party transaction is a transaction, arrangement or relationship in which we or any of our subsidiaries was, is or will be a participant, the amount of which involved exceeds \$120,000, and in which any related person had, has or will have a direct or indirect material interest. A related person means:

any person who is, or at any time during the applicable period was, one of our executive officers or one of our directors;

any person who is known by us to be the beneficial owner of more than 5% of our common stock;

any immediate family member of any of the foregoing persons, which means any child, stepchild, parent, stepparent, spouse, sibling, mother-in-law, father-in-law, son-in-law, daughter-in-law or sister-in-law of a director, executive officer or a beneficial owner of more than 5% of our common stock, and any person (other than a tenant or employee) sharing the household of such director, executive officer or beneficial owner of more than 5% of our common stock; and

any firm, corporation or other entity in which any of the foregoing persons is a partner or principal or in a similar position or in which such person has a 10% or greater beneficial ownership interest.

We anticipate that our Board will adopt a written related party transactions policy prior to the completion of this offering. Pursuant to this policy, we expect that our Audit Committee will review all material facts of all related party transactions.

#### RESTRUCTURING TRANSACTIONS

We are a Delaware corporation recently formed by MRD LLC. As part of the corporate restructuring that will occur in connection with the closing of this offering, MRD LLC and former WildHorse Resources management will contribute equity interests in certain entities to us in exchange for cash and shares of our common stock. See Description of Capital Stock for additional information regarding the terms of our amended and restated certificate of incorporation and amended and restated bylaws as will be in effect upon the closing of this offering.

The corporate restructuring will consist of the following steps, to be taken on or before the closing date of this offering:

The Funds will contribute all of their interests in MRD LLC to MRD Holdco and the members of our management who own incentive units in MRD LLC will exchange those incentive units for substantially identical incentive units in MRD Holdco, after which MRD Holdco will own 100% of MRD LLC;

WildHorse Resources will sell its subsidiary, WildHorse Resources Management Company, LLC (which holds certain immaterial assets related to our WildHorse Resources operations), to an affiliate of the Funds for approximately \$0.2 million in cash, and that subsidiary will enter into a services agreement with WildHorse Resources pursuant to which that subsidiary will provide transition services to WildHorse Resources;

Classic Hydrocarbons Holdings, L.P. and Classic Hydrocarbons GP Co., L.L.C. will distribute to MRD LLC the ownership interests in Classic Pipeline, which owns certain immaterial midstream assets in Texas, and Black Diamond Minerals, LLC will distribute to MRD LLC its ownership interests in Golden Energy Partners LLC, which sold all of its assets in May 2014;

MRD LLC will contribute to us substantially all of its assets, comprised of:

100% of the ownership interests in Classic Hydrocarbons Holdings, L.P., Classic Hydrocarbons GP Co., L.L.C., Black Diamond Minerals, LLC, Beta Operating Company, LLC, Memorial Resource Finance Corp. and MRD Operating LLC;

99.9% of the membership interests in WildHorse Resources, the owner of our properties in the Terryville Complex; and

MEMP GP (including MEMP GP s ownership of 50% of MEMP s incentive distribution rights);

We will issue 128,665,677 shares of our common stock to MRD LLC, which MRD LLC will immediately distribute to MRD Holdco;

We will assume the obligations of MRD LLC under the PIK notes, including the obligation to reimburse MRD LLC for the June 15, 2014 interest payment made on the PIK notes;

Certain former management members of WildHorse Resources will contribute to us their outstanding incentive units in WildHorse Resources, as well as the remaining 0.1% of the membership interests in WildHorse Resources, and we will issue 42,334,323 shares of our common stock and pay cash consideration of approximately \$30.0 million to such former management members of WildHorse Resources;

We will enter into a registration rights agreement and a voting agreement with MRD Holdco and certain former management members of WildHorse Resources;

We will enter into our new \$2.0 billion revolving credit facility and will use approximately \$616.7 million in borrowings under that facility to repay all amounts outstanding under WildHorse Resources credit agreements, to pay the cash consideration payable to the former management members of WildHorse Resources and to reimburse MRD LLC for the June 15, 2014 interest payment made on the PIK notes;

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Our subsidiary MRD Operating LLC will enter into a merger agreement with MRD LLC pursuant to which (i) after the redemption of the PIK notes as described below, MRD LLC will merge into MRD Operating LLC, (ii) until the date of such merger, MRD LLC will continue to perform under certain ancillary commercial contracts to which it is a party in support of its current operations for our benefit (such as office leases and drilling contracts), (iii) all amounts received under such contracts will be for our benefit and (iv) we will be responsible for all amounts owing under such contracts; and

We will give notice of redemption to the holders of the PIK notes, which will specify a redemption date of 30 days after the closing of this offering, and we will use a portion of the net proceeds from this offering to redeem all outstanding PIK notes, including paying any applicable premium and accrued and unpaid interest, if any, to the date of redemption. Until the redemption date or any earlier discharge date of the PIK notes, we will use the amount to be paid to the holders of these notes to temporarily reduce amounts outstanding under our new revolving credit facility.

From the closing date of this offering until the date upon which the PIK notes are redeemed and the PIK notes indenture is terminated, MRD LLC will remain a subsidiary of MRD Holdco. During that time, MRD LLC will distribute to MRD Holdco:

BlueStone, which sold substantially all of its assets in July 2013 for \$117.9 million, MRD Royalty, which owns certain immaterial leasehold interests and overriding royalty interests in Texas and Montana, MRD Midstream, which owns an indirect interest in certain immaterial midstream assets in North Louisiana, Golden Energy Partners LLC and Classic Pipeline;

5,360,912 subordinated units of MEMP representing an approximate 8.7% limited partner interest in MEMP;

The right to the remaining cash to be released from the debt service reserve account in connection with the redemption of the PIK notes plus the cash received from us in reimbursement of the interest paid on June 15, 2014 in respect of the PIK notes); and

Approximately \$6.7 million of cash received by MRD LLC in connection with the sale of Golden Energy Partners LLC s assets in May 2014.

The redemption date of the PIK notes will be approximately 30 days after the closing of this offering. We will have the option to pay the full redemption amount (including any applicable premium and accrued and unpaid interest to the redemption date) to the PIK notes trustee at any time before the redemption date. If we deposit that amount with the PIK notes trustee in advance of the redemption date together with irrevocable instructions to use such amount for the redemption on the redemption date, then our obligations under the PIK notes indenture will be discharged on the date of such deposit. We may choose to so deposit that amount with the PIK notes trustee in advance of the redemption date. After the PIK notes indenture is terminated or discharged, as the case may be, MRD LLC will merge into MRD Operating LLC. At that time, MRD LLC sole assets will be the commercial contracts noted above and relating to the businesses owned by us.

#### **Limited Liability Company Agreement of MRD Holdco**

In connection with the completion of this offering, the members of MRD Holdco, including the Funds and certain members of our management team, will enter into a limited liability company agreement of MRD Holdco, or the LLC Agreement. Among other things, the LLC Agreement will provide the mechanism by which MRD Holdco will vote the shares of our common stock that it holds and the circumstances in which distributions will be made to the members of MRD Holdco.

The LLC Agreement will provide that the board of directors of MRD Holdco will consist of:

our Chief Executive Officer; and

three directors appointed by the Funds.

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In addition, the LLC Agreement will provide that MRD Holdco and its members will agree to vote the shares of our common stock held by MRD Holdco in favor of the election of these four directors to our Board.

Under the LLC Agreement, the board of directors of MRD Holdco has the authority to cause MRD Holdco to vote its shares of our common stock in its discretion. See Principal and Selling Stockholders for a description of the ownership of the voting interests of MRD Holdco and the Funds.

The LLC Agreement will provide that MRD Holdco will make distributions to its members in certain circumstances, including in connection with a change of control of us and any secondary sales of our common stock by MRD Holdco. In addition, on a date to be determined in accordance with the LLC Agreement, MRD Holdco may distribute all remaining shares of our common stock to its members based on a valuation at such time. The number of shares that members of our management team receive will increase to the extent that the return on investment ultimately realized by the Funds, or their successors as members of MRD Holdco, increases.

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The following diagram shows our ownership structure before giving effect to the restructuring transactions and this offering.

- (1) The Funds refer collectively to Natural Gas Partners VIII, L.P., Natural Gas Partners IX, L.P. and NGP IX Offshore Holdings, L.P., which collectively own all of the membership interests in MRD LLC. Please read Principal and Selling Stockholders for information regarding beneficial ownership. The Funds collectively indirectly own 50% of the Partnership s incentive distribution rights.
- (2) MRD LLC owns 99.9% of the membership interests in WildHorse Resources; former management members of WildHorse Resources own the remaining 0.1%.
- (3) Includes Classic Hydrocarbons Holdings, L.P. ( Classic ), Classic Hydrocarbons GP Co., L.L.C. ( Classic GP ), Black Diamond Minerals, LLC ( Black Diamond ), Beta Operating Company, LLC ( Beta Operating ), BlueStone Natural Resources Holdings, LLC ( BlueStone ), MRD Royalty LLC ( MRD Royalty ), MRD Midstream LLC ( MRD Midstream ), Golden Energy Partners LLC ( Golden Energy ) and Classic Pipeline & Gathering, LLC ( Classic Pipeline ).

(4) As of March 31, 2014.

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The following diagram shows our ownership structure after giving effect to the restructuring transactions and this offering, assuming no exercise of the underwriters option to purchase additional shares from MRD Holdco and does not give effect to 19,250,000 shares of common stock reserved for future issuance under the Memorial Resource Development Corp. 2014 Long Term Incentive Plan (described in Management 2014 Long Term Incentive Plan ) or 1,068,421 restricted shares of common stock to be issued by us to our independent directors and certain of our employees in connection with the successful completion of this offering pursuant to our Plan (see Management Executive Compensation Following This Offering IPO Bonuses ).

- (1) If the underwriters exercise in full their option to purchase additional shares of common stock from MRD Holdco, the ownership interest of the public stockholders will increase to 49,220,000 shares of common stock, representing an aggregate 25.6% ownership interest in us, and MRD Holdco will own 100,945,677 shares of common stock, representing an aggregate 52.4% ownership interest in us.
- (2) As of March 31, 2014.
- (3) The Funds refer collectively to Natural Gas Partners VIII, L.P., Natural Gas Partners IX, L.P. and NGP IX Offshore Holdings, L.P., which collectively own all of the membership interests in MRD Holdco. Please read Principal and Selling Stockholders for information regarding beneficial ownership. The Funds collectively indirectly own 50% of the Partnership s incentive distribution rights.
- (4) Subsidiaries of MRD Holdco following the restructuring transactions will include BlueStone Natural Resources Holdings, LLC ( BlueStone ), MRD Royalty LLC ( MRD Royalty ), MRD Midstream LLC ( MRD Midstream ), Golden Energy Partners LLC ( Golden Energy ) and Classic Pipeline & Gathering, LLC ( Classic Pipeline ). Also, please see the Principal and Selling Stockholders table on page 145 for the beneficial ownership of our shares by our executive officers and directors.
- (5) Includes Classic Hydrocarbons Holdings, L.P. (Classic ), Classic Hydrocarbons GP Co., L.L.C. (Classic GP), Black Diamond Minerals, LLC (Black Diamond) and Beta Operating Company, LLC (Beta Operating).
- (6) Does not include restricted common stock to be issued to our independent directors and certain of our employees in connection with the completion of this offering.

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#### DESCRIPTION OF CAPITAL STOCK

Upon completion of this offering, our authorized capital stock will consist of 600,000,000 shares of common stock, \$0.01 par value per share, of which 192,500,000 shares will be issued and outstanding, and 50,000,000 shares of preferred stock, \$0.01 par value per share, of which no shares will be issued and outstanding.

The following summary of our capital stock, our amended and restated certificate of incorporation and our amended and restated bylaws do not purport to be complete and are qualified in their entirety by reference to the provisions of applicable law and to our amended and restated certificate of incorporation and amended and restated bylaws, forms of which are filed as exhibits to the registration statement of which this prospectus is a part and which will become effective at or around the effective time of such registration statement.

#### Common Stock

Except as provided by law or in a preferred stock designation, holders of common stock are entitled to one vote for each share held of record on all matters submitted to a vote of the stockholders, will have the exclusive right to vote for the election of directors and do not have cumulative voting rights. Except as otherwise required by law, holders of common stock are not entitled to vote on any amendment to the amended and restated certificate of incorporation (including any certificate of designations relating to any series of preferred stock) that relates solely to the terms of any outstanding series of preferred stock if the holders of such affected series are entitled, either separately or together with the holders of one or more other such series, to vote thereon pursuant to the amended and restated certificate of incorporation (including any certificate of designations relating to any series of preferred stock) or pursuant to the DGCL. Subject to prior rights and preferences that may be applicable to any outstanding shares or series of preferred stock, holders of common stock are entitled to receive ratably in proportion to the shares of common stock held by them such dividends (payable in cash, stock or otherwise), if any, as may be declared from time to time by our Board out of funds legally available for dividend payments. All outstanding shares of common stock are fully paid and non-assessable, and the shares of common stock to be issued upon completion of this offering will be fully paid and non-assessable. The holders of common stock have no preferences or rights of conversion, exchange, pre-emption or other subscription rights. There are no redemption or sinking fund provisions applicable to the common stock. In the event of any voluntary or involuntary liquidation, dissolution or winding-up of our affairs, holders of common stock will be entitled to share ratably in our assets in proportion to the shares of common stock held by them that are remaining after payment or provision for payment of all of our debts and obligations and after distribution in full of preferential amounts to be distributed to holders of outstanding shares of preferred stock, if any.

### Preferred Stock

Our amended and restated certificate of incorporation authorizes our Board, subject to any limitations prescribed by law, without further stockholder approval, to establish and to issue from time to time one or more classes or series of preferred stock, par value \$0.01 per share, covering up to an aggregate of 50,000,000 shares of preferred stock. Each class or series of preferred stock will cover the number of shares and will have the powers, preferences, rights, qualifications, limitations and restrictions determined by the Board, which may include, among others, dividend rights, liquidation preferences, voting rights, conversion rights, preemptive rights and redemption rights. Except as provided by law or in a preferred stock designation, the holders of preferred stock will not be entitled to vote at or receive notice of any meeting of stockholders.

Anti-Takeover Effects of Provisions of Our Amended and Restated Certificate of Incorporation, Our Amended and Restated Bylaws and Delaware Law

Some provisions of Delaware law and our amended and restated certificate of incorporation and our amended and restated bylaws contain provisions that could make the following transactions more difficult: acquisitions of us by means of a tender offer, a proxy contest or otherwise; or removal of our incumbent officers

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and directors. These provisions may also have the effect of preventing changes in our management. It is possible that these provisions could make it more difficult to accomplish or could deter transactions that stockholders may otherwise consider to be in their best interest or in our best interests, including transactions that might result in a premium over the market price for our shares.

These provisions are expected to discourage coercive takeover practices and inadequate takeover bids. These provisions are also designed to encourage persons seeking to acquire control of us to first negotiate with us. We believe that the benefits of increased protection and our potential ability to negotiate with the proponent of an unfriendly or unsolicited proposal to acquire or restructure us outweigh the disadvantages of discouraging these proposals because, among other things, negotiation of these proposals could result in an improvement of their terms.

#### Delaware Law

Upon completion of this offering, we will be subject to the provisions of Section 203 of the DGCL, which regulates corporate takeovers. In general, those provisions prohibit a Delaware corporation, including those whose securities are listed for trading on the NASDAQ, from engaging in any business combination with any interested stockholder for a period of three years following the date that the stockholder became an interested stockholder, unless:

the business combination or transaction in which the person became interested is approved by the Board before the date the interested stockholder attained that status;

upon consummation of the transaction that resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced other than, for purposes of determining the voting stock outstanding (but not the outstanding stock owned by the interested stockholder), shares owned by persons who are directors and also officers of us and by certain employee stock plans; or

on or after such time the business combination is approved by the Board and authorized at a meeting of stockholders by at least two-thirds of the outstanding voting stock that is not owned by the interested stockholder.

Section 203 defines business combination to include the following:

certain mergers or consolidations involving the corporation and the interested stockholder;

any sale, transfer, pledge or other disposition of 10% or more of the assets of the corporation to or with the interested stockholder;

subject to certain exceptions, any transaction that results in the issuance or transfer by the corporation of any stock of the corporation to the interested stockholder;

subject to certain exceptions, any transaction involving the corporation that has the effect of increasing the proportionate share of the stock of any class or series of the corporation beneficially owned by the interested stockholder; or

the receipt by the interested stockholder of the benefit of loans, advances, guarantees, pledges or other financial benefits provided by or through the corporation.

In general, Section 203 defines an interested stockholder as any entity or person beneficially owning 15% or more of the outstanding voting stock of the corporation and any entity or person affiliated with or controlling or controlled by any of these entities or persons. Since the Funds will have owned their equity in us at the time we complete our corporate formation, the Funds will not be subject to the restrictions of Section 203.

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### Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws

Provisions of our amended and restated certificate of incorporation and amended and restated bylaws may delay or discourage transactions involving an actual or potential change in control or change in our management, including transactions in which stockholders might otherwise receive a premium for their shares, or transactions that our stockholders might otherwise deem to be in their best interests. Therefore, these provisions could adversely affect the price of our common stock.

Among other things, our amended and restated certificate of incorporation and amended and restated bylaws will:

establish advance notice procedures with regard to stockholder proposals relating to the nomination of candidates for election as directors or new business to be brought before meetings of our stockholders. These procedures provide that notice of stockholder proposals must be timely given in writing to our corporate secretary prior to the meeting at which the action is to be taken. Generally, to be timely, notice must be received at our principal executive offices not less than 90 days nor more than 120 days prior to the first anniversary date of the annual meeting for the preceding year. Our amended and restated bylaws specify the requirements as to form and content of all stockholders — notices. These requirements may preclude stockholders from bringing matters before the stockholders at an annual or special meeting;

provide our Board the ability to authorize undesignated preferred stock. This ability makes it possible for our Board to issue, without stockholder approval, preferred stock with voting or other rights or preferences that could impede the success of any attempt to change control of us. These and other provisions may have the effect of deferring hostile takeovers or delaying changes in control or management of our company;

provide that the authorized number of directors may be changed only by an affirmative vote of a majority of the total number of authorized directors whether or not there exist any vacancies in previously authorized directorships;

provide that all vacancies, including newly created directorships, may, except as otherwise required by law or, if applicable, the rights of holders of a series of preferred stock then outstanding, be filled by the affirmative vote of a majority of directors then in office, even if less than a quorum;

at any time after a group including MRD Holdco and/or the Funds or their respective affiliates no longer collectively beneficially own more than 50% of the outstanding shares of our common stock:

provide that any action required or permitted to be taken by the stockholders must be effected at a duly called annual or special meeting of stockholders and may not be effected by any consent in writing in lieu of a meeting of such stockholders, subject to the rights of the holders of any series of preferred stock with respect to such series (prior to such time, such actions may be taken without a meeting by written consent of holders of common stock having not less than the minimum number of votes that would be necessary to authorize such action at a meeting);

provide our certificate of incorporation and bylaws, subject to certain exceptions, may be amended by the affirmative vote of the holders of not less than  $66^{-2}l_3\%$  of our then outstanding common stock (prior to such time, our certificate of incorporation and bylaws may be amended by the affirmative vote of the holders of not less than 50% majority of our then outstanding common stock);

provide that special meetings of our stockholders may only be called by the Board pursuant to a resolution adopted by the affirmative vote of a majority of the total number of directors whether or not there exist any vacancies in previously authorized directorships,

(prior to such time, a special meeting may also be called at the request of stockholders holding a majority of the outstanding shares entitled to vote);

provide for our Board to be divided into three classes of directors, with each class as nearly equal in number as possible, serving staggered three year terms, other than directors which may be elected by holders of preferred stock, if any, and that directors may only be removed for cause. This system of electing and removing directors may tend to discourage a third party from making a tender offer or

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otherwise attempting to obtain control of us, because it generally makes it more difficult for stockholders to replace a majority of the directors; and

provide that the affirmative vote of the holders of at least 75% in voting power of all then outstanding common stock entitled to vote generally in the election of directors, voting together as a single class, shall be required to remove any or all of the directors from office and such removal may only be for cause.

### Limitation of Liability and Indemnification Matters

Our amended and restated certificate of incorporation limits the liability of our directors for monetary damages for breach of their fiduciary duty as directors, except for liability that cannot be eliminated under the DGCL. Delaware law provides that directors of a company will not be personally liable for monetary damages for breach of their fiduciary duty as directors, except for liabilities:

for any breach of their duty of loyalty to us or our stockholders;

for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law;

for unlawful payment of dividend or unlawful stock repurchase or redemption, as provided under Section 174 of the DGCL; or

for any transaction from which the director derived an improper personal benefit.

Any amendment, repeal or modification of these provisions will be prospective only and would not affect any limitation on liability of a director for acts or omissions that occurred prior to any such amendment, repeal or modification.

Our amended and restated certificate of incorporation and amended and restated bylaws also provide that we will indemnify our directors and officers to the fullest extent permitted by Delaware law. We intend to enter into indemnification agreements with each of our current and future directors and officers. These agreements will require us to indemnify these individuals to the fullest extent permitted under Delaware law against liability that may arise by reason of their service to us, and to advance expenses incurred as a result of any proceeding against them as to which they could be indemnified. We believe that the limitation of liability provision in our amended and restated certificate of incorporation and the indemnification agreements will facilitate our ability to continue to attract and retain qualified individuals to serve as directors and officers.

### **Corporate Opportunity**

Under our amended and restated certificate of incorporation, to the fullest extent permitted by law:

MRD Holdco, NGP, the Funds and their affiliates have the right to, and have no duty to abstain from, exercising such right to, conduct business with any business that is competitive or in the same line of business as us, do business with any of our clients or customers, or

invest or own any interest publicly or privately in, or develop a business relationship with, any business that is competitive or in the same line of business as us;

if MRD Holdco, NGP, the Funds or their affiliates acquires knowledge of a potential transaction that could be a corporate opportunity, they have no duty to offer such corporate opportunity to us; and

we have renounced any interest or expectancy in, or in being offered an opportunity to participate in, such corporate opportunities.

### **Transfer Agent and Registrar**

The transfer agent and registrar for our common stock is Wells Fargo Shareowner Services.

### Listing

We have been approved to list our common stock on the NASDAQ Global Market under the symbol MRD.

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#### SHARES ELIGIBLE FOR FUTURE SALE

There has not been a public market for our common stock prior to this offering. We cannot predict the extent to which investor interest in us will lead to the development of an active trading market or how liquid that market might become. If an active trading market does not develop, you may have difficulty selling any of our common stock that you buy. The initial public offering price for the common stock will be determined by negotiations between us and the underwriters and may not be indicative of prices that will prevail in the open market following this offering. See Underwriting (Conflicts of Interest). Consequently, you may be unable to sell our common stock at prices equal to or greater than the price you pay in this offering.

#### Sale of Restricted Shares

Upon completion of this offering, we will have an aggregate of 192,500,000 shares of our common stock outstanding. Of these 192,500,000 shares, 42,800,000 shares of our common stock to be sold in this offering will be freely tradable without restriction or further registration under the Securities Act, except for any shares which may be acquired by any of our affiliates as that term is defined in Rule 144 under the Securities Act, which will be subject to the resale limitations of Rule 144. The remaining shares of our common stock outstanding will be restricted securities, as that term is defined in Rule 144, and may in the future be sold pursuant to an effective registration statement or under the Securities Act to the extent permitted by Rule 144 or any other available exemption under the Securities Act. All of the shares beneficially owned by MRD Holdco and certain former management members of WildHorse Resources following this offering will be restricted securities.

### Memorial Resource Development Corp. 2014 Long Term Incentive Plan

Following the completion of this offering, we intend to file a registration statement on Form S-8 under the Securities Act with the SEC to register 19,250,000 shares of our common stock issued or reserved for issuance under the Memorial Resource Development Corp. 2014 Long Term Incentive Plan. Subject to the expiration of any lock-up restrictions as described below and following the completion of any vesting periods, shares of our common stock issued under the Memorial Resource Development Corp. 2014 Long Term Incentive Plan, issuable upon the exercise of options granted or to be granted under the plan, will be freely tradable without restriction under the Securities Act, unless such shares are held by any of our affiliates. Following the completion of this offering, we intend to grant 1,068,421 restricted shares of common stock to our independent directors and certain of our employees under such plan. See Management Executive Compensation Compensation Following This Offering IPO Bonuses.

### **Lock-up Agreements**

Executive officers, directors and our stockholders, including MRD Holdco, WHR Incentive LLC, a limited liability company beneficially owned by Messrs. Anthony Bahr and Jay Graham, and certain former management members of WildHorse Resources, have agreed not to sell or transfer any shares of our common stock for a period of 180 days from the date of this prospectus, subject to certain exceptions and extensions. See Underwriting for a description of these lock-up provisions.

### **Rule 144**

In general, under Rule 144 under the Securities Act, a person who is not deemed to have been an affiliate of ours at any time during the three months preceding a sale, and who has beneficially owned restricted securities within the meaning of Rule 144 for at least six months (including any period of consecutive ownership of preceding non-affiliated holders) would be entitled to sell those shares. A non-affiliated person who has beneficially owned restricted securities within the meaning of Rule 144 for at least one year would be entitled to sell those shares without regard to the provisions of Rule 144.

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All of our outstanding common stock before this offering is held by affiliates. A person who is deemed to be an affiliate of ours and who has beneficially owned restricted securities within the meaning of Rule 144 for at least six months would be entitled to sell within any three-month period a number of shares (when aggregated with sales by certain related parties) that does not exceed the greater of 1% of the then outstanding shares of our common stock (192,500,000 shares following this offering) or the average weekly trading volume of our common stock reported through the applicable stock exchange during the four calendar weeks preceding such sale. Such sales are also subject to certain manner of sale provisions, notice requirements and the availability of current public information about us.

### **Rule 701**

In general, under Rule 701, any of our employees, directors, officers, consultants or advisors who purchases shares from us in connection with a compensatory stock or option plan or other written agreement before the effective date of this offering is entitled to sell such shares 90 days after the effective date of this offering in reliance on Rule 144, without having to comply with the holding period requirement of Rule 144 and, in the case of non-affiliates, without having to comply with the public information, volume limitation or notice filing provisions of Rule 144. The SEC has indicated that Rule 701 will apply to typical stock options granted by an issuer before it becomes subject to the reporting requirements of the Exchange Act, along with the shares acquired upon exercise of such options, including exercises after the date of this prospectus.

### **Registration Rights**

Pursuant to the Registration Rights Agreement we will enter into in connection with the closing of this offering, MRD Holdco and certain former management members of WildHorse Resources, Jay Graham and Anthony Bahr, will have customary rights to demand that we file a resale shelf registration statement or, in certain circumstances, conduct an underwritten offering of shares held by MRD Holdco, Jay Graham and Anthony Bahr. In addition, the agreement will grant MRD Holdco, Jay Graham and Anthony Bahr customary rights to participate in certain underwritten offerings of our common stock that we may conduct. See Certain Relationships and Related Party Transactions Registration Rights Agreement.

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### MATERIAL TAX CONSEQUENCES

TO

#### NON-U.S. HOLDERS

#### Introduction

The following is a discussion of certain U.S. federal income tax considerations applicable to Non-U.S. Holders (as defined below) arising from the acquisition, ownership and disposition of shares of our common stock. This summary is for general information purposes only and does not purport to be a complete analysis or listing of all potential U.S. federal income tax considerations that may apply to a Non-U.S. Holder as a result of the acquisition, ownership and disposition of shares of our common stock. In addition, this summary does not take into account the individual facts and circumstances of any particular Non-U.S. Holder that may affect the U.S. federal income tax considerations applicable to such holder. Accordingly, this summary is not intended to be, and should not be construed as, legal or U.S. federal income tax advice with respect to any Non-U.S. Holder. Moreover, this summary is not binding on the Internal Revenue Service, or the IRS, or the U.S. courts, and no assurance can be provided that the conclusions reached in this summary will not be challenged by the IRS or will be sustained by a U.S. court if so challenged. We have not requested, and we do not intend to request, a ruling from the IRS or an opinion from U.S. legal counsel regarding any of the U.S. federal income or other tax considerations of the acquisition, ownership and disposition of shares of our common stock. Each Non-U.S. Holder should consult its own tax advisor regarding the acquisition, ownership and disposition of shares of our common stock.

### Scope of This Disclosure

### Authorities

This summary is based on the Internal Revenue Code of 1986, as amended (the Code), Treasury Regulations (final, temporary, and proposed), U.S. court decisions, published IRS rulings and published administrative positions of the IRS, that are applicable and, in each case, as in effect and available, as of the date of this prospectus. Any of the authorities on which this summary is based could be changed in a material and adverse manner at any time, and any such change could be applied on a retroactive basis and could affect the U.S. federal income tax considerations described in this summary.

### Non-U.S. Holders

For purposes of this summary, a Non-U.S. Holder is a beneficial owner of shares of our common stock that is not a partnership or other entity classified as a partnership for U.S. federal income tax purposes and that is not: (a) an individual who is a citizen or resident of the U.S., (b) a corporation, or other entity classified as a corporation for U.S. federal income tax purposes, that is created or organized in or under the laws of the U.S. or any state in the U.S., including the District of Columbia, (c) an estate if the income of such estate is subject to U.S. federal income tax regardless of the source of such income, or (d) a trust if (i) such trust has validly elected to be treated as a U.S. person for U.S. federal income tax purposes or (ii) a U.S. court is able to exercise primary supervision over the administration of such trust and one or more U.S. persons have the authority to control all substantial decisions of such trust.

### Non-U.S. Holders Subject to Special U.S. Federal Income Tax Rules Not Addressed

This summary does not address the U.S. federal income tax considerations of the acquisition, ownership and disposition of shares of our common stock by Non-U.S. Holders that are subject to special provisions under the Code, including the following Non-U.S. Holders:
(a) Non-U.S. Holders that are tax-exempt organizations, qualified retirement plans, individual retirement accounts, or other tax-deferred accounts; (b) Non-U.S. Holders that are financial institutions, insurance companies, real estate investment trusts, or regulated investment companies or that are broker-dealers, dealers, or traders in securities or currencies that elect to apply a mark-to-market accounting method; (c) Non-U.S. Holders that have a functional currency other than the U.S. dollar;

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(d) Non-U.S. Holders that own shares of our common stock as part of a straddle, hedging transaction, conversion transaction, constructive sale, or other arrangement involving more than one position; (e) Non-U.S. Holders that acquire shares of our common stock in connection with the exercise of employee stock options or otherwise as compensation for services; (f) Non-U.S. Holders that hold shares of our common stock other than as a capital asset within the meaning of Section 1221 of the Code; (g) Non-U.S. Holders who are U.S. expatriates or former long term residents of the United States; and (h) Non-U.S. Holders that have or now own, directly, indirectly, or by attribution, 5% or more, by voting power or value, of the outstanding shares of our common stock. Non-U.S. Holders that are subject to special provisions under the Code, including but not limited to Non-U.S. Holders described immediately above, should consult their own tax advisors regarding the U.S. federal, U.S. state and local, and foreign tax and other tax considerations of the acquisition, ownership and disposition of shares of our common stock.

If a partnership or other entity that is classified as a partnership for U.S. federal income tax purposes holds shares of our common stock, the U.S. federal income tax considerations to such partnership and the partners of such partnership generally will depend on the activities of the partnership and the status of such partners (or owners). Partnerships or other entities that are classified as partnerships for U.S. federal income tax purposes and their owners should consult their own tax advisors regarding the U.S. federal income tax considerations of the acquisition, ownership and disposition of shares of our common stock.

#### Tax Considerations Other Than U.S. Federal Income Tax Considerations Not Addressed

This summary does not address any state, local, alternative minimum, estate and gift, foreign, or other tax considerations other than U.S. federal income tax considerations that may be relevant to Non-U.S. Holders in connection with the acquisition, ownership and disposition of shares of our common stock. Each Non-U.S. Holder should consult its own tax advisors regarding any state, local, estate and gift, foreign, and any other tax considerations that may be relevant to such holder in connection with the acquisition, ownership and disposition of shares of our common stock.

### **Dividends**

In general, if dividends with respect to shares of our common stock are made, such dividends would be treated as dividends to the extent of our current or accumulated earnings and profits as determined under the Code. Any portion of a dividend that exceeds our current or accumulated earnings and profits will first be applied to reduce the Non-U.S. Holder s basis in shares of our common stock, and, to the extent such portion exceeds the Non-U.S. Holder s basis, the excess will be treated as gain from the disposition of shares of our common stock, the tax treatment of which is discussed below under the heading Gain on Sale or Other Disposition of Shares of our Common Stock.

Generally, dividends paid in respect of shares of our common stock to a Non-U.S. Holder will be subject to U.S. withholding tax at a 30% rate, subject to the two following exceptions:

Dividends effectively connected with a trade or business of a Non-U.S. Holder within the U.S. generally will not be subject to withholding if the Non-U.S. Holder complies with applicable IRS certification and disclosure requirements and generally will be subject to U.S. federal income tax on a net income basis at regular U.S. federal income tax rates (in the same manner as a U.S. person) on its U.S. trade or business income. In the case of a Non-U.S. Holder that is a corporation, such effectively connected income also may be subject to the branch profits tax at a 30% rate (or such lower rate as may be prescribed by an applicable tax treaty).

The withholding tax might not apply, or might apply at a reduced rate, under the terms of an applicable tax treaty. Under Treasury Regulations, to obtain a reduced rate of withholding under a tax treaty, a Non-U.S. Holder generally will be required to satisfy applicable certification and other requirements. A Non-U.S. Holder of shares of our common stock eligible for a reduced rate of U.S. withholding tax may obtain a refund or credit of any excess amounts withheld by filing an appropriate claim for refund with the IRS.

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### Gain on Sale or Other Disposition of Shares of Our Common Stock

Except as described in the discussion below under the heading Information Reporting; Backup Withholding Tax, a Non-U.S. Holder generally will not be subject to U.S. federal income tax, including withholding tax, in connection with the receipt of proceeds from the sale, exchange, or other taxable disposition of shares of our common stock, unless:

the gain is effectively connected with the Non-U.S. Holder s conduct of a trade or business within the United States and, if subject to an applicable tax treaty, is attributable to a permanent establishment or fixed base maintained by the Non-U.S. Holder in the U.S.;

in the case of an individual, the Non-U.S. Holder has been present in the U.S. for at least 183 days or more in the taxable year of disposition (and certain other conditions are satisfied); or

we are or have been a U.S. real property holding corporation, or USRPHC, for U.S. federal income tax purposes (that is, a domestic corporation whose trade or business and real property assets consist primarily of U.S. real property interests ) at any time during the shorter of the five-year period ending on the date of disposition and the Non-U.S. Holder s holding period for its shares of our common stock and, if shares of our common stock are regularly traded on an established securities market, the Non-U.S. Holder held, directly or indirectly, at any time during such period, more than 5% of our issued and outstanding common stock.

Income that is effectively connected with the conduct of a U.S. trade or business by a Non-U.S. Holder generally will be subject to regular U.S. federal income tax in the same manner as if it were realized by a U.S. Holder. In addition, if such Non-U.S. Holder is a corporation, such gain may be subject to a branch profits tax at a rate of 30% (or such lower rate as is provided by an applicable income tax treaty).

If an individual Non-U.S. Holder is present in the U.S. for at least 183 days during the taxable year of disposition, the Non-U.S. Holder may be subject to a flat 30% tax on any U.S.-source gain derived from the sale, exchange, or other taxable disposition of shares of our common stock (other than gain effectively connected with a U.S. trade or business), which may be offset by U.S.-source capital losses.

It is likely that we will be a USRPHC. As a result, any gain recognized by a Non-U.S. Holder on the sale, exchange, or other taxable disposition of our common stock may be subject to U.S. federal income tax in the same manner as gain recognized by a U.S. Holder, or the FIRPTA Tax. In addition, a Non-US. Holder may under certain circumstances be subject to withholding in an amount equal to 10% of the gross proceeds on the sale or disposition; if the Non-U.S. Holder files a U.S. federal income tax return, any amounts so withheld will generally be credited against, and refunded to the extent in excess of, any FIRPTA Tax such Non-U.S. Holder owes.

However, so long as our common stock is considered to be regularly traded on an established securities market, or regularly traded, at any time during the calendar year, a Non-U.S. Holder generally will not be subject to FIRPTA Tax on any gain recognized on the sale or other disposition of our common stock unless the Non-U.S. Holder owned (actually or constructively) shares of our common stock with a fair market value of more than 5% of the total fair market value of our common stock at any time during the applicable period described in the third bullet point above. No withholding is required under these rules upon a sale or other taxable disposition of our common stock if it is considered to be regularly traded. If, on the other hand, our common stock is not considered to be regularly traded, a Non-U.S. Holder will be subject to FIRPTA Tax on any gain recognized on your sale or other taxable disposition of our common stock, and withholding on the gross proceeds thereof, regardless of such Non-U.S. Holder s percentage ownership of our common stock.

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### Recent Law Changes Affecting U.S. Federal Income Tax Withholding

Legislation enacted in 2010 and recent administrative guidance will require withholding at a rate of 30% on dividends paid on or after July 1, 2014 (and gross proceeds from the sale of shares of our common stock paid on or after January 1, 2017) to certain foreign financial institutions (including investment funds), unless such institution enters into an agreement with the Secretary of the Treasury to, among other things, report, on an annual basis, information with respect to accounts with or shares in the institution held by certain U.S. persons and by certain non-U.S. entities that are wholly or partially owned by United States persons, and to withhold on payments made to certain account holders. Accordingly, the entity through which shares of our common stock is held will affect the determination of whether such withholding is required. Similarly, dividends in respect of, and gross proceeds from the sale of, shares of our common stock held by an investor that is a non-financial foreign entity will be subject to withholding at a rate of 30% if such entity or another non-financial foreign entity is the beneficial owner of the payment, unless, among other things, the beneficial owner or the payee either (i) certifies to the withholding agent that such entity does not have any substantial United States owners or (ii) provides certain information regarding the entity s substantial United States owners to the withholding agent, which the withholding agent will in turn provide to the Secretary of the Treasury. Non-U.S. holders are encouraged to consult with their tax advisors regarding the possible implications of the legislation on their investment in shares of our common stock.

### Information Reporting; Backup Withholding Tax

A Non-U.S. Holder generally will not be subject to information reporting or backup withholding with respect to payments of dividends on, or gross proceeds from the disposition of, shares of our common stock that are made within the United States or though certain U.S.-related financial intermediaries, provided that the Non-U.S. Holder certifies as to its foreign status or otherwise establishes an exemption.

Backup withholding is not an additional tax. Amounts withheld as backup withholding may be credited against a Non-U.S. Holder s U.S. federal income tax liability, and a Non-U.S. Holder may obtain a refund of any excess amounts withheld under the backup withholding rules by timely filing the appropriate claim for refund with the IRS and furnishing any required information. Non-U.S. Holders should consult their own tax advisors regarding the application of the information reporting and backup withholding rules to them in their particular circumstances.

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#### UNDERWRITING

### (CONFLICTS OF INTEREST)

Citigroup Global Markets Inc. and Barclays Capital Inc. are acting as the representatives of the underwriters named below, and Citigroup Global Markets Inc., Barclays Capital Inc., Merrill Lynch, Pierce, Fenner & Smith Incorporated, BMO Capital Markets Corp., Goldman, Sachs & Co., Raymond James & Associates, Inc., RBC Capital Markets, LLC and Wells Fargo Securities, LLC are acting as joint book-running managers for this offering. Subject to the terms and conditions stated in the underwriting agreement dated the date of this prospectus, each underwriter named below has severally agreed to purchase, and we and MRD Holdco have agreed to sell to that underwriter, the number of shares set forth opposite the underwriter's name.

Underwriter	Number of Shares
Citigroup Global Markets Inc.	9,844,000
Barclays Capital Inc.	7,276,000
Merrill Lynch, Pierce, Fenner & Smith	
Incorporated	3,424,000
BMO Capital Markets Corp.	3,424,000
Goldman, Sachs & Co.	3,424,000
Raymond James & Associates, Inc.	3,424,000
RBC Capital Markets, LLC	3,424,000
Wells Fargo Securities, LLC	3,424,000
Simmons & Company International	856,000
Credit Suisse Securities (USA) LLC	530,720
Morgan Stanley & Co. LLC	530,720
Scotia Capital (USA) Inc.	530,720
Stephens Inc.	530,720
Stifel, Nicolaus & Company, Incorporated	530,720
UBS Securities LLC	530,720
Wunderlich Securities, Inc.	530,720
Comerica Securities, Inc.	282,480
Mitsubishi UFJ Securities (USA), Inc.	282,480
Total	42,800,000

The underwriting agreement provides that the obligations of the underwriters to purchase the shares included in this offering are subject to approval of legal matters by counsel and to other conditions. The underwriters are obligated to purchase all the shares (other than those covered by the underwriters option to purchase additional shares described below) if they purchase any of the shares.

Shares sold by the underwriters to the public will initially be offered at the initial public offering price set forth on the cover of this prospectus. Any shares sold by the underwriters to securities dealers may be sold at a discount from the initial public offering price not to exceed \$0.61275 per share. If all the shares are not sold at the initial offering price, the underwriters may change the offering price and the other selling terms. The representative has advised us that the underwriters do not intend to make sales to discretionary accounts.

If the underwriters sell more shares than the total number set forth in the table above, MRD Holdco has granted to the underwriters an option, exercisable for 30 days from the date of this prospectus, to purchase up to 6,420,000 additional shares at the public offering price less the

underwriting discount. The underwriters may exercise the option solely for the purpose of covering over-allotments, if any, in connection with this offering. To the extent the option is exercised, each underwriter must purchase a number of additional shares approximately proportionate to that underwriter s initial purchase commitment. Any shares issued or sold under the option will be issued and sold on the same terms and conditions as the other shares that are the subject of this offering.

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We, our officers and directors, MRD Holdco, certain former management members of WildHorse Resources and WHR Incentive LLC, a limited liability company beneficially owned by Messrs. Bahr and Graham have agreed that, for a period of 180 days from the date of this prospectus, we and they will not, without the prior written consent of Citigroup Global Markets Inc. dispose of or hedge any shares or any securities convertible into or exchangeable for our common stock. Citigroup Global Markets Inc. in its sole discretion may release any of the securities subject to these lock-up agreements at any time, which, in the case of officers and directors, shall be with notice.

The underwriters have reserved for sale at the initial public offering price up to 2% of the common stock being offered by this prospectus for sale to our employees, executive officers and directors who have expressed an interest in purchasing common stock in the offering. The number of shares available for sale to the general public in the offering will be reduced to the extent these persons purchase the reserved shares. Any reserved shares not so purchased will be offered by the underwriters to the general public on the same terms as the other shares. Any shares sold in the directed share program to directors and executive officers will be subject to the 180-day lock-up agreements described above.

Prior to this offering, there has been no public market for our shares. Consequently, the initial public offering price for the shares was determined by negotiations among us and the representative. Among the factors considered in determining the initial public offering price were our results of operations, our current financial condition, our future prospects, our markets, the economic conditions in and future prospects for the industry in which we compete, our management, and currently prevailing general conditions in the equity securities markets, including current market valuations of publicly traded companies considered comparable to our company. We cannot assure you, however, that the price at which the shares will sell in the public market after this offering will not be lower than the initial public offering price or that an active trading market in our shares will develop and continue after this offering.

We have been approved to have our shares listed on the Nasdaq Global Market under the symbol MRD.

The following table shows the underwriting discounts and commissions that we and MRD Holdco are to pay to the underwriters in connection with this offering. These amounts are shown assuming both no exercise and full exercise of the underwriters over-allotment option.

	Paid by the No Exercise	Paid by the Company No Exercise Full Exercise	
Per share	\$ 1.06875	\$ 1.06875	
Total	\$ 22,978,125	\$ 22,978,125	
	·	Paid by MRD Holdco	
	No Exercise	Full Exercise	
Per share	\$ 1.06875	\$ 1.06875	
Total	\$ 22,764,375	\$ 29,625,750	

We estimate that our portion of the total expenses of this offering will be \$3.4 million (excluding underwriting discounts and commissions). We have also agreed to reimburse the underwriters for certain of their expenses in an amount up to \$10,000.

In connection with the offering, the underwriters may purchase and sell shares in the open market. Purchases and sales in the open market may include short sales, purchases to cover short positions, which may include purchases pursuant to the underwriters option to purchase additional shares, and stabilizing purchases.

Short sales involve secondary market sales by the underwriters of a greater number of shares than they are required to purchase in the offering.

Covered short sales are sales of shares in an amount up to the number of shares represented by the underwriters option to purchase additional shares.

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Naked short sales are sales of shares in an amount in excess of the number of shares represented by the underwriters option to purchase additional shares.

Covering transactions involve purchases of shares either pursuant to the underwriters option to purchase additional shares or in the open market in order to cover short positions.

To close a naked short position, the underwriters must purchase shares in the open market. A naked short position is more likely to be created if the underwriters are concerned that there may be downward pressure on the price of the shares in the open market after pricing that could adversely affect investors who purchase in the offering.

To close a covered short position, the underwriters must purchase shares in the open market or must exercise their option to purchase additional shares. In determining the source of shares to close the covered short position, the underwriters will consider, among other things, the price of shares available for purchase in the open market as compared to the price at which they may purchase shares through the underwriters—option to purchase additional shares.

Stabilizing transactions involve bids to purchase shares so long as the stabilizing bids do not exceed a specified maximum.

Purchases to cover short positions and stabilizing purchases, as well as other purchases by the underwriters for their own accounts, may have the effect of preventing or retarding a decline in the market price of the shares. They may also cause the price of the shares to be higher than the price that would otherwise exist in the open market in the absence of these transactions. The underwriters may conduct these transactions on the Nasdaq Global Market, in the over-the-counter market or otherwise. If the underwriters commence any of these transactions, they may discontinue them at any time.

### Relationships

The underwriters are full service financial institutions engaged in various activities, which may include securities trading, commercial and investment banking, financial advisory, investment management, principal investment, hedging, financing and brokerage activities. The underwriters and their respective affiliates have in the past performed commercial banking, investment banking and advisory services for us from time to time for which they have received customary fees and reimbursement of expenses and may, from time to time, engage in transactions with and perform services for us in the ordinary course of their business for which they may receive customary fees and reimbursement of expenses. In connection with the December 2013 issuance of the PIK notes, each of Citigroup Global Markets Inc., Barclays Capital Inc., Merrill Lynch, Pierce, Fenner & Smith Incorporated, BMO Capital Markets Corp., RBC Capital Markets, LLC and Wells Fargo Securities, LLC participated as an initial purchaser and received customary fees for such service. Furthermore, affiliates of Citigroup Global Markets, Inc., Barclays Capital Inc., Merrill Lynch, Pierce, Fenner & Smith Incorporated, BMO Capital Markets Corp., RBC Capital Markets, LLC, Wells Fargo Securities, LLC and Comerica Securities, Inc. will be lenders under our new revolving credit facility. In the ordinary course of their various business activities, the underwriters and their respective affiliates may make or hold a broad array of investments and actively trade debt and equity securities (or related derivative securities) and financial instruments (which may include bank loans and/or credit default swaps) for their own account and for the accounts of their customers and may at any time hold long and short positions in such securities and instruments. Such investments and securities activities may involve securities and/or instruments of ours or our affiliates. In addition, affiliates of certain of the underwriters are lenders, and in some cases agents or managers for the lenders, under WildHorse Resources revolving credit facility and we expect affiliates of certain of the underwriters will be lenders under the new revolving credit facility we will enter into in connection with the closing of this offering. Certain of the underwriters or their affiliates that have a lending relationship with us routinely hedge their credit exposure to us consistent with their customary risk management policies. A typical such hedging strategy would include these underwriters or their affiliates hedging such exposure by entering into transactions which consist of either the purchase of credit default swaps or the creation of short positions in our securities. The underwriters and their

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affiliates may also make investment recommendations and/or publish or express independent research views in respect of such securities or financial instruments and may hold, or recommend to clients that they acquire, long and/or short positions in such securities and instruments.

We and MRD Holdco have agreed to indemnify the several underwriters against certain liabilities, including liabilities under the Securities Act, or to contribute to payments the underwriters may be required to make because of any of those liabilities.

#### **Conflicts of Interest**

An affiliate of Merrill Lynch, Pierce, Fenner & Smith Incorporated will be a lender under the Company s new revolving credit facility and will receive more than 5% of the net proceeds of this offering in connection with the temporary repayment of amounts under such credit facility. Accordingly, this offering is being made in compliance with the requirements of Rule 5121 of the Financial Industry Regulatory Authority, Inc. In accordance with this rule, Simmons & Company International has assumed the responsibilities of acting as a qualified independent underwriter. In its role as a qualified independent underwriter, Simmons & Company International has participated in due diligence and the preparation of the registration statement of which this prospectus is a part. Simmons & Company International will not receive any additional fees for serving as a qualified independent underwriter in connection with this offering. Such underwriter will not confirm sales of the shares to any account over which it exercises discretionary authority without the prior written approval of the customer. We have agreed to indemnify Simmons & Company International against certain liabilities incurred in connection with acting as a qualified independent underwriter, including liabilities under the Securities Act.

### Notice to Prospective Investors in the European Economic Area

In relation to each member state of the European Economic Area that has implemented the Prospectus Directive (each, a relevant member state), with effect from and including the date on which the Prospectus Directive is implemented in that relevant member state (the relevant implementation date), an offer of shares described in this prospectus may not be made to the public in that relevant member state other than:

to any legal entity which is a qualified investor as defined in the Prospectus Directive;

to fewer than 100 or, if the relevant member state has implemented the relevant provision of the 2010 PD Amending Directive, 150 natural or legal persons (other than qualified investors as defined in the Prospectus Directive), as permitted under the Prospectus Directive, subject to obtaining the prior consent of the relevant Dealer or Dealers nominated by us for any such offer; or

in any other circumstances falling within Article 3(2) of the Prospectus Directive,

provided that no such offer of shares shall require us or any underwriter to publish a prospectus pursuant to Article 3 of the Prospectus Directive.

For purposes of this provision, the expression an offer of securities to the public in any relevant member state means the communication in any form and by any means of sufficient information on the terms of the offer and the shares to be offered so as to enable an investor to decide to purchase or subscribe for the shares, as the expression may be varied in that member state by any measure implementing the Prospectus

Directive in that member state, and the expression Prospectus Directive means Directive 2003/71/EC (and amendments thereto, including the 2010 PD Amending Directive, to the extent implemented in the relevant member state) and includes any relevant implementing measure in the relevant member state. The expression 2010 PD Amending Directive means Directive 2010/73/EU.

The sellers of the shares have not authorized and do not authorize the making of any offer of shares through any financial intermediary on their behalf, other than offers made by the underwriters with a view to the final placement of the shares as contemplated in this prospectus. Accordingly, no purchaser of the shares, other than the underwriters, is authorized to make any further offer of the shares on behalf of the sellers or the underwriters.

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### Notice to Prospective Investors in the United Kingdom

This prospectus is only being distributed to, and is only directed at, persons in the United Kingdom that are qualified investors within the meaning of Article 2(1)(e) of the Prospectus Directive that are also (i) investment professionals falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the Order ) or (ii) high net worth entities, and other persons to whom it may lawfully be communicated, falling within Article 49(2)(a) to (d) of the Order (each such person being referred to as a relevant person ). This prospectus and its contents are confidential and should not be distributed, published or reproduced (in whole or in part) or disclosed by recipients to any other persons in the United Kingdom. Any person in the United Kingdom that is not a relevant person should not act or rely on this document or any of its contents.

### **Notice to Prospective Investors in France**

Neither this prospectus nor any other offering material relating to the shares described in this prospectus has been submitted to the clearance procedures of the *Autorité des Marchés Financiers* or of the competent authority of another member state of the European Economic Area and notified to the *Autorité des Marchés Financiers*. The shares have not been offered or sold and will not be offered or sold, directly or indirectly, to the public in France. Neither this prospectus nor any other offering material relating to the shares has been or will be:

released, issued, distributed or caused to be released, issued or distributed to the public in France; or

used in connection with any offer for subscription or sale of the shares to the public in France.

Such offers, sales and distributions will be made in France only:

to qualified investors (*investisseurs qualifiés*) and/or to a restricted circle of investors (*cercle restreint d investisseurs*), in each case investing for their own account, all as defined in, and in accordance with articles L.411-2, D.411-1, D.411-2, D.734-1, D.744-1, D.754-1 and D.764-1 of the French *Code monétaire et financier*;

to investment services providers authorized to engage in portfolio management on behalf of third parties; or

in a transaction that, in accordance with article L.411-2-II-1°-or-2°-or 3° of the French *Code monétaire et financier* and article 211-2 of the General Regulations (*Règlement Général*) of the *Autorité des Marchés Financiers*, does not constitute a public offer (*appel public à l épargne*).

The shares may be resold directly or indirectly, only in compliance with articles L.411-1, L.411-2, L.412-1 and L.621-8 through L.621-8-3 of the French *Code monétaire et financier*.

### **Notice to Prospective Investors in Hong Kong**

The shares may not be offered or sold in Hong Kong by means of any document other than (i) in circumstances which do not constitute an offer to the public within the meaning of the Companies Ordinance (Cap. 32, Laws of Hong Kong), or (ii) to professional investors within the meaning of the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and any rules made thereunder, or (iii) in other circumstances which do not result in the document being a prospectus within the meaning of the Companies Ordinance (Cap. 32, Laws of Hong Kong) and no advertisement, invitation or document relating to the shares may be issued or may be in the possession of any person for the purpose of issue (in each case whether in Hong Kong or elsewhere), which is directed at, or the contents of which are likely to be accessed or read by, the public in Hong Kong (except if permitted to do so under the laws of Hong Kong) other than with respect to shares which are or are intended to be disposed of only to persons outside Hong Kong or only to professional investors within the meaning of the Securities and Futures Ordinance (Cap. 571, Laws of Hong Kong) and any rules made thereunder.

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### **Notice to Prospective Investors in Japan**

The shares offered in this prospectus have not been and will not be registered under the Financial Instruments and Exchange Law of Japan. The shares have not been offered or sold and will not be offered or sold, directly or indirectly, in Japan or to or for the account of any resident of Japan (including any corporation or other entity organized under the laws of Japan), except (i) pursuant to an exemption from the registration requirements of the Financial Instruments and Exchange Law and (ii) in compliance with any other applicable requirements of Japanese law.

### **Notice to Prospective Investors in Singapore**

This prospectus has not been registered as a prospectus with the Monetary Authority of Singapore. Accordingly, this prospectus and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the shares may not be circulated or distributed, nor may the shares be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons in Singapore other than (i) to an institutional investor under Section 274 of the Securities and Futures Act, Chapter 289 of Singapore (the SFA), (ii) to a relevant person pursuant to Section 275(1), or any person pursuant to Section 275(1A), and in accordance with the conditions specified in Section 275 of the SFA or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA, in each case subject to compliance with conditions set forth in the SFA.

Where the shares are subscribed or purchased under Section 275 of the SFA by a relevant person which is:

a corporation (which is not an accredited investor (as defined in Section 4A of the SFA)) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or

a trust (where the trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary of the trust is an individual who is an accredited investor,

shares, debentures and units of shares and debentures of that corporation or the beneficiaries rights and interest (howsoever described) in that trust shall not be transferred within six months after that corporation or that trust has acquired the shares pursuant to an offer made under Section 275 of the SFA except:

to an institutional investor (for corporations, under Section 274 of the SFA) or to a relevant person defined in Section 275(2) of the SFA, or to any person pursuant to an offer that is made on terms that such shares, debentures and units of shares and debentures of that corporation or such rights and interest in that trust are acquired at a consideration of not less than S\$200,000 (or its equivalent in a foreign currency) for each transaction, whether such amount is to be paid for in cash or by exchange of securities or other assets, and further for corporations, in accordance with the conditions specified in Section 275 of the SFA;

where no consideration is or will be given for the transfer; or

where the transfer is by operation of law.

### Notice to Prospective Investors in Switzerland

The prospectus does not constitute an issue prospectus pursuant to Article 652a or Article 1156 of the Swiss Code of Obligations (CO) and the shares will not be listed on the SIX Swiss Exchange. Therefore, the prospectus may not comply with the disclosure standards of the CO and/or the listing rules (including any prospectus schemes) of the SIX Swiss Exchange. Accordingly, the shares may not be offered to the public in or from Switzerland, but only to a selected and limited circle of investors, which do not subscribe to the shares with a view to distribution.

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#### LEGAL MATTERS

The validity of the shares of common stock offered hereby will be passed upon for us by Akin Gump Strauss Hauer & Feld LLP, Houston, Texas. Certain legal matters in connection with this offering will be passed upon for the underwriters by Vinson & Elkins L.L.P., Houston, Texas.

#### **EXPERTS**

The financial statement of Memorial Resource Development Corp. as of January 31, 2014 has been included herein upon the report of KPMG LLP, independent registered public accounting firm, appearing elsewhere herein, and upon the authority of said firm as experts in accounting and auditing.

The consolidated and combined financial statements and schedules of our predecessor (as described in Note 1 to those financial statements) as of December 31, 2013 and 2012, and for each of the years then ended, have been included herein and in the registration statement in reliance upon the report of KPMG LLP, independent registered public accounting firm, appearing elsewhere herein, and upon the authority of said firm as experts in accounting and auditing.

Estimated quantities of our proved oil and natural gas reserves and the net present value of such reserves as of December 31, 2013 set forth in this prospectus are based on the reserve report prepared by Netherland, Sewell & Associates, Inc. Our acreage had been audited or evaluated by an independent reservoir engineering firm since 2011 and Netherland, Sewell & Associates, Inc. evaluated these reserves as of December 31, 2013.

Our estimates of probable and possible reserves are prepared by management and audited by Netherland, Sewell & Associates, Inc.

Estimated quantities of MEMP s proved oil and natural gas reserves and the net present value of such reserves as of December 31, 2013 set forth in this prospectus are based on the reserve report prepared by Netherland, Sewell & Associates, Inc. MEMP s acreage had been audited or evaluated by an independent reservoir engineering firm since 2011 and Netherland, Sewell & Associates, Inc. evaluated these reserves as of December 31, 2013.

We have included these estimates in reliance on the authority of Netherland, Sewell & Associates, Inc. as experts in such matters.

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#### WHERE YOU CAN FIND MORE INFORMATION

We have filed with the SEC a registration statement under the Securities Act, with respect to the shares of our common stock offered by this prospectus. This prospectus, filed as a part of the registration statement, does not contain all of the information set forth in the registration statement or the exhibits and schedules thereto as permitted by the rules and regulations of the SEC. For further information about us and our common stock, you should refer to the registration statement. This prospectus summarizes provisions that we consider material of certain contracts and other documents to which we refer you. You should review the full text of those documents. We have included copies of those documents as exhibits to the registration statement.

The registration statement and the exhibits thereto filed with the SEC may be inspected, without charge, and copies may be obtained at prescribed rates, at the public reference facility maintained by the SEC at 100 F Street, N.E., Washington, D.C. 20549. You may request copies of the documents, upon payment of a duplicating fee, by writing the Public Reference Section of the SEC. Please call 1-800-SEC-0330 for further information on the public reference rooms. Our filings with the SEC are also available to the public from commercial document retrieval services and at the web site maintained by the SEC at http://www.sec.gov.

Our website address is www.memorialrd.com. We expect to make available our periodic reports and other information filed with or furnished to the SEC, free of charge through our website, as soon as reasonably practicable after those reports and other information are electronically filed with or furnished to the SEC. Information on our website or any other website is not incorporated by reference herein and does not constitute a part of this prospectus.

As a result of the offering, we and our stockholders will also become subject to the proxy solicitation rules, annual and periodic reporting requirements and other requirements of the Exchange Act. These periodic reports, proxy statements and other information will be available for inspection and copying at the regional offices, public reference facilities and web site of the SEC referred to above. We will furnish our stockholders with annual reports containing audited financial statements certified by an independent registered public accounting firm and quarterly reports containing unaudited financial statements for the first three quarters of each fiscal year.

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### REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors

Memorial Resource Development Corp.

We have audited the accompanying balance sheet of Memorial Resource Development Corp. as of January 31, 2014. This financial statement is the responsibility of the Memorial Resource Development Corp. s management. Our responsibility is to express an opinion on this financial statement based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the balance sheet is free of material misstatement. The Company is not required to have, nor were we engaged to perform an audit of the Company s internal control over financial reporting. Our audit included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company s internal control over financial reporting. Accordingly, we express no such opinion. An audit of a balance sheet also includes examining, on a test basis, evidence supporting the amounts and disclosures in that balance sheet, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall balance sheet presentation. We believe that our audit of the balance sheet provides a reasonable basis for our opinion.

In our opinion, the balance sheet referred to above presents fairly, in all material respects, the financial position of Memorial Resource Development Corp. as of January 31, 2014, in conformity with U.S. generally accepted accounting principles.

/s/ KPMG LLP

Dallas, TX

February 6, 2014

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# MEMORIAL RESOURCE DEVELOPMENT CORP.

## BALANCE SHEET

	January 31, 2014
ASSETS	
Cash and cash equivalents	\$
Total assets	\$
SHAREHOLDERS EQUITY	
Common stock, \$0.01 par value; authorized 1,000 shares; 100 issued and outstanding at January 31, 2014	1
Less receivable from Memorial Resource Development LLC	(1)
Total shareholders equity	\$

See Accompanying Note to Balance Sheet.

### MEMORIAL RESOURCE DEVELOPMENT CORP.

### NOTE TO BALANCE SHEET

### Note 1. Organization and Basis of Presentation

Memorial Resource Development Corp. (MRDC) is a Delaware corporation formed by Memorial Resource Development LLC (MRD LLC) on January 31, 2014 to own and acquire oil and natural gas properties in North America. MRD LLC is a Delaware limited liability company formed on April 27, 2011 by Natural Gas Partners VIII, L.P. (NGP VIII), Natural Gas Partners IX, L.P. (NGP IX) and NGP IX Offshore Holdings, L.P. (NGP IX Offshore) (collectively, the Funds) to own, acquire, exploit and develop oil and natural gas properties. The Funds are private equity funds managed by Natural Gas Partners (NGP).

MRDC plans to pursue an initial public offering (the offering ) of its common stock. In connection with the closing of this offering, MRD LLC will contribute the following to us in exchange for shares of common stock: (1) 100% of its ownership interests in Classic Hydrocarbons Holdings, L.P. (Classic), Classic Hydrocarbons GP Co., L.L.C. (Classic GP), Black Diamond Minerals, LLC (Black Diamond), Beta Operating Company, LLC (Beta Operating), MRD Operating LLC (MRD Operating) and Memorial Production Partners GP LLC (MEMP GP), which owns a 0.1% general partner interest and 50% of the incentive distribution rights in Memorial Production Partners LP (MEMP), and (2) its 99.9% membership interest in WildHorse Resources, LLC (WildHorse Resources). In addition, certain former management members of WildHorse Resources will contribute to us the remaining 0.1% membership interest in WildHorse Resources as well as exchange their incentive units in exchange for shares of common stock and cash consideration.

This balance sheet has been prepared in accordance with accounting principles generally accepted in the United States of America (GAAP). MRD LLC has committed to contribute \$1 as the initial sole shareholder. This contribution receivable is reflected as a reduction to equity. Separate Statements of Income, Changes in Stockholder s Equity and of Cash Flows have not been presented because MRDC has had no business transactions or activities to date.

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### MEMORIAL RESOURCE DEVELOPMENT CORP.

### UNAUDITED PRO FORMA CONDENSED COMBINED FINANCIAL INFORMATION

### Introduction

We are a Delaware corporation ( MRDC ) formed by Memorial Resource Development LLC ( MRD LLC ) in January 2014 to own and acquire oil and natural gas properties in North America. MRD LLC is a Delaware limited liability company formed on April 27, 2011 by Natural Gas Partners VIII, L.P. ( NGP VIII ), Natural Gas Partners IX, L.P. ( NGP IX ) and NGP IX Offshore Holdings, L.P. ( NGP IX Offshore ) (collectively, the Funds ) to own, acquire, exploit and develop oil and natural gas properties. The Funds are private equity funds managed by Natural Gas Partners ( NGP ).

In connection with the closing of this offering, the Funds will contribute all of their interests in MRD LLC to MRD Holdco LLC (MRD Holdco). MRD LLC and its consolidated subsidiaries, which is our accounting predecessor, will contribute the following to us in exchange for shares of common stock (which MRD LLC will immediately distribute to MRD Holdco): (1) 100% of its ownership interests in Classic Hydrocarbons Holdings, L.P. (Classic), Classic Hydrocarbons GP Co., L.L.C. (Classic GP), Black Diamond Minerals, LLC (Black Diamond), Beta Operating Company, LLC ( Beta Operating ), MRD Operating LLC ( MRD Operating ) and Memorial Production Partners GP LLC ( MEMP GP ), which owns a 0.1% general partner interest and 50% of the incentive distribution rights in Memorial Production Partners LP ( MEMP ), and (2) its 99.9% membership interest in WildHorse Resources, LLC ( WildHorse Resources ). In addition, certain former management members of WildHorse Resources will contribute to us the remaining 0.1% membership interest in WildHorse Resources as well as exchange their incentive units in exchange for shares of common stock and cash consideration. MRD Operating will enter into a merger agreement with MRD LLC pursuant to which after the termination of the PIK notes indenture (approximately 30 days after the closing of this offering), MRD LLC will merge into MRD Operating. Prior to this merger, MRD LLC will distribute the following to MRD Holdco: (i) its interests in BlueStone Natural Resources Holdings, LLC ( BlueStone Holdings ), Golden Energy Partners LLC ( Golden Energy ) and Classic Pipeline & Gathering, LLC (Classic Pipeline) as well as two immaterial subsidiaries that were formed subsequent to December 31, 2013, (ii) the MEMP subordinated units, (iii) the right to the remaining cash to be released from the debt service reserve account in connection with the redemption of the PIK notes plus the cash received from us in reimbursement of the interest paid on June 15, 2014 in respect of the PIK notes and (iv) approximately \$6.7 million of cash received by MRD LLC in connection with the sale of Golden Energy Partners LLC s assets in May 2014. Collectively, we refer to these transactions as the Restructuring.

MRD LLC controls MEMP through its ownership of MEMP GP. MEMP is a publicly traded limited partnership engaged in the acquisition, production and development of oil and natural gas properties in the United States. Due to MRD LLC s control of MEMP through the ownership of its general partner, MRD LLC is required to consolidate MEMP for accounting and financial reporting purposes.

MRD LLC has two reportable business segments, both of which are engaged in the acquisition, exploitation, development and production of oil and natural gas properties:

MRD reflects all of MRD LLC s consolidating subsidiaries except for MEMP and its subsidiaries.

MEMP reflects the consolidated and combined operations of MEMP and its subsidiaries.

The following unaudited pro forma condensed combined financial information reflects the historical financial statements of MRD LLC adjusted on a pro forma basis to give effect to the following transactions as if they had occurred on March 31, 2014 for pro forma balance sheet purposes and on January 1, 2013 for pro forma statements of operations purposes:

the exclusion of BlueStone Holdings and Classic Pipeline as well as the MEMP subordinated units since they are not being conveyed to MRDC and the cash reserve associated with the PIK notes;

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### MEMORIAL RESOURCE DEVELOPMENT CORP.

### UNAUDITED PRO FORMA CONDENSED COMBINED FINANCIAL INFORMATION

the Restructuring transactions as described above; and

the initial public offering of shares of common stock and the use of the net proceeds therefrom as described in Use of Proceeds (the Offering ).

*Offering*. For purposes of the unaudited pro forma combined financial statements, the Offering is defined as the planned issuance and sale to the public of 21,500,000 shares of common stock of MRDC as contemplated by this prospectus and the application of the net proceeds from such issuance as described in Use of Proceeds. The net proceeds from the sale of the common stock are expected to be \$382.1 million, net of underwriting discounts and commissions of \$23.0 million and other offering-related expenses payable by us, which is estimated to be approximately \$3.4 million.

The unaudited pro forma combined balance sheet of MRDC is based on the audited historical consolidated and combined balance sheet of MRD LLC as of March 31, 2014 and includes pro forma adjustments to give effect to the exclusion of BlueStone Holdings and Classic Pipeline, the MEMP subordinated units and the cash reserve associated with the PIK notes, the Restructuring, and the Offering, as if they had occurred on March 31, 2014.

The unaudited pro forma combined statements of operations of MRDC are based on: (i) the audited and unaudited historical consolidated and combined statement of operations of MRD LLC for the year ended December 31, 2013 and the three months ended March 31, 2014, respectively, having been adjusted to give effect to the exclusion of BlueStone Holdings and Classic Pipeline, the MEMP subordinated units, the Restructuring and the Offering as if they occurred on January 1, 2013 and (ii) the historical accounting records of MRD LLC.

The unaudited pro forma combined financial statements have been prepared on the basis that MRDC will be subject to subchapter C of the Internal Revenue Code of 1986, as amended, and as a result, will become taxable as a corporation and subject to U.S. federal and state income taxes at the entity level. The unaudited pro forma combined financial statements should be read in conjunction with the notes thereto and with the audited historical consolidated and combined financial statements and related notes of MRD LLC, included elsewhere in this prospectus.

The pro forma adjustments to the audited historical consolidated and combined financial statements are based on currently available information and certain estimates and assumptions. The actual effect of the transactions discussed in the accompanying notes ultimately may differ from the unaudited pro forma adjustments included herein. However, management believes that the assumptions utilized to prepare the pro forma adjustments provide a reasonable basis for presenting the significant effects of the transactions as currently contemplated and that the unaudited pro forma adjustments are factually supportable, give appropriate effect to the expected impact of events that are directly attributable to the transactions, and reflect those items expected to have a continuing impact on MRDC.

The unaudited pro forma combined financial statements of MRDC are not necessarily indicative of financial results that would have been attained had the described transactions occurred on the dates indicated below or which could be achieved in the future because they necessarily exclude various operating expenses, such as incremental general and administrative expenses associated with being a public company.

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## MEMORIAL RESOURCE DEVELOPMENT CORP.

## UNAUDITED PRO FORMA CONDENSED COMBINED BALANCE SHEET

# MARCH 31, 2014

	MRD LLC Historical	Exclude BlueStone Holdings & Classic Pipeline	Offering & Restructuring Related Adjustments	MRDC Pro Forma Combined
ASSETS				
Current assets:				
Cash and cash equivalents	\$ 39,519	\$ (3,075)	\$ (30,000)(c)	\$ 36,444
			382,100 (e)	
			620,351 (f)	
			(4,300)(f)	
			(968,151)(g)	
Restricted cash	35,003		(35,003)(a)	
Accounts receivable:				
Oil and natural gas sales	80,090			80,090
Joint interest owners and other	21,885	(2,648)		19,237
Affiliates	3,320			3,320
Short-term derivative instruments	2,481			2,481
Prepaid expenses and other current assets	20,122	(1,170)		18,952
Total current assets	202,420	(6,893)	(35,003)	160,524
Property and equipment, at cost:				
Oil and natural gas properties, successful efforts method	3,338,982	(34,257)		3,304,725
Other	9,878			9,878
Accumulated depreciation, depletion and impairment	(668,715)	7,947		(660,768)
Oil and natural gas properties, net	2,680,145	(26,310)		2,653,835
Long-term derivative instruments	31,775			31,775
Restricted investments	74,211			74,211
Restricted cash	15,506		(15,000)(a)	506
Other long-term assets	35,034		4,300 (f)	19,771
			(19,563)(h)	
Total assets	\$ 3,039,091	\$ (33,203)	\$ (65,266)	\$ 2,940,622

The accompanying notes are an integral part of this unaudited pro forma financial information.

## MEMORIAL RESOURCE DEVELOPMENT CORP.

## UNAUDITED PRO FORMA CONDENSED COMBINED BALANCE SHEET

# MARCH 31, 2014

	MRD LLC Historical	Exclude BlueStone Holdings & Classic Pipeline	Offering & Restructuring Related Adjustments	MRDC Pro Forma Combined
LIABILITIES AND EQUITY		·	v	
Current liabilities:				
Accounts payable	\$ 19,491	(765)	\$	\$ 18,726
Accounts payable affiliates	3,727	(124)		3,603
Revenues payable	69,209	(78)		69,131
Accrued liabilities	119,426	(1,370)	(11,801)(g)	106,255
Short-term derivative instruments	27,378			27,378
Total current liabilities	239,231	(2,337)	(11,801)	225,093
Long-term debt MRD Segment	939,496	(2,337)	620,351 (f)	620,351
Long-term debt WKD Segment	939,490		(939,496)(g)	020,331
Long-term debt MEMP Segment	988,435		(939,490)(g)	988,435
Asset retirement obligations	113,105			113,105
Long-term derivative instruments	11,262			11,262
Other long-term liabilities	5,249		115,983 (d)	121,232
Total liabilities	2,296,778	(2,337)	(214,963)	2,079,478
Equity:				
Common stock			1,287 (b)	1,925
			423 (c)	
			215 (e)	
Additional paid in capital			102,339 (b)	1,172,170
			803,929 (c)	
			(115,983)(d)	
			381,885 (e)	
Accumulated deficit			(833,844)(c)	(870,261)
			(16,854)(g)	
			(19,563)(h)	
Members equity	222,889	(24,887)	(103,626)(b)	
			(50,003)(a)	
			(44,373)(a)	
Noncontrolling interest	519,424	(5,979)	44,373 (a)	557,310
			(508)(c)	
Total equity	742,313	(30,866)	149,697	861,144
Total liabilities and equity	\$ 3,039,091	\$ (33,203)	\$ (65,266)	\$ 2,940,622

The accompanying notes are an integral part of this unaudited pro forma financial information.

## MEMORIAL RESOURCE DEVELOPMENT CORP.

# UNAUDITED PRO FORMA CONDENSED COMBINED STATEMENTS OF OPERATIONS

# FOR THE YEAR ENDED DECEMBER 31, 2013

	MRD LLC Historical	Exclude BlueStone Holdings & Classic Pipeline	Offering & Restructuring Related Adjustments	MRDC Pro Forma Combined
Revenues:				
Oil & natural gas sales	\$ 571,948	\$ (18,148)	\$	\$ 553,800
Other revenues	3,075	(807)		2,268
Total revenues	575,023	(18,955)		556,068
Costs and expenses:				
Lease operating	113,640	(1,652)		111,988
Pipeline operating	1,835			1,835
Exploration	2,356			2,356
Production and ad valorem taxes	27,146	(877)		26,269
Depreciation, depletion, and amortization	184,717	(10,519)		174,198
Impairment of proved oil and natural gas properties	6,600	(2,399)		4,201
General and administrative	125,358	(24,260)		101,098
Accretion of asset retirement obligations	5,581	(58)		5,523
(Gain) loss on commodity derivative instruments	(29,294)	(17)		(29,311)
(Gain) loss on sale of properties	(85,621)	89,548		3,927
Other, net	649			649
Total costs and expenses	352,967	49,766		402,733
Operating income	222,056	(68,721)		153,335
Other income (expense):				
Interest expense, net	(69,250)	53	(18,009)(i)	(64,981)
			1,411 (j)	
			20,814 (k)	
Other, net	145	(2)		143
Total other income (expense)	(69,105)	51	4,216	(64,838)
Income (loss) before income taxes	152,951	(68,670)	4,216	88,497
Income tax benefit (expense)	(1,619)	1,147	(31,443)(1)	(31,915)
Net income (loss)	\$ 151,332	\$ (67,523)	\$ (27,227)	\$ 56,582
Net income (loss) per common share(n)				
Basic and diluted				\$ 0.29
Weighted average common shares outstanding(n)				
Basic				192,500
Diluted				193,568

The accompanying notes are an integral part of this unaudited pro forma financial information.

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## MEMORIAL RESOURCE DEVELOPMENT CORP.

# UNAUDITED PRO FORMA CONDENSED COMBINED STATEMENTS OF OPERATIONS

# FOR THE THREE MONTHS ENDED MARCH 31, 2014

	MRD LLC Historical	Exclude BlueStone Holdings & Classic Pipeline	Offering & Restructuring Related Adjustments	MRDC Pro Forma Combined
Revenues:				
Oil & natural gas sales	\$ 189,917	\$ (558)	\$	\$ 189,359
Other revenues	911	(99)		812
Total revenues	190,828	(657)		190,171
Costs and expenses:				
Lease operating	33,682	410		34,092
Pipeline operating	489			489
Exploration	146			146
Production and ad valorem taxes	8,584	(26)		8,558
Depreciation, depletion, and amortization	57,679	(310)		57,369
General and administrative	18,762	(1,039)		17,723
Accretion of asset retirement obligations	1,521			1,521
(Gain) loss on commodity derivative instruments	59,482			59,482
(Gain) loss on sale of properties	(110)	110		
Other	(12)			(12)
Total costs and expenses	180,223	(855)		179,368
Operating income	10,605	198		10,803
Other income (expense):	,			ĺ
Interest expense, net	(34,052)		(4,502)(i) 9,559(j) 8,219(k)	(20,776)
Other, net	31		0,217(R)	31
Total other income (expense)	(34,021)		13,276	(20,745)
Income (loss) before income taxes	(23,416)	198	13,276	(9,942)
Income tax benefit (expense)	(100)		3,665(l)	3,565
Net income (loss)	\$ (23,516)	\$ 198	\$ 16,941	\$ (6,377)
Net income (loss) per common share(n)				
Basic and diluted				\$ (0.03)
Weighted average common shares outstanding(n) Basic				192,500
Diluted				193,568

The accompanying notes are an integral part of this unaudited pro forma financial information.

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### MEMORIAL RESOURCE DEVELOPMENT CORP.

### NOTES TO UNAUDITED PRO FORMA CONDENSED COMBINED FINANCIAL STATEMENTS

### Note 1. Basis of Presentation

We are a Delaware corporation ( MRDC ) formed by Memorial Resource Development LLC ( MRD LLC ) in January 2014 to own and acquire oil and natural gas properties in North America. MRD LLC is a Delaware limited liability company formed on April 27, 2011 by Natural Gas Partners VIII, L.P. ( NGP VIII ), Natural Gas Partners IX, L.P. ( NGP IX ) and NGP IX Offshore Holdings, L.P. ( NGP IX Offshore ) (collectively, the Funds ) to own, acquire, exploit and develop oil and natural gas properties. The Funds are private equity funds managed by Natural Gas Partners ( NGP ).

In connection with the closing of this offering, the Funds will contribute all of their interests in MRD LLC to MRD Holdco LLC (MRD Holdco). MRD LLC and its consolidated subsidiaries, which is our accounting predecessor, will contribute the following to us in exchange for shares of common stock (which MRD LLC will immediately distribute to MRD Holdco): (1) 100% of its ownership interests in Classic Hydrocarbons Holdings, L.P. (Classic), Classic Hydrocarbons GP Co., L.L.C. (Classic GP), Black Diamond Minerals, LLC (Black Diamond), Beta Operating Company, LLC ( Beta Operating ), MRD Operating LLC ( MRD Operating ) and Memorial Production Partners GP LLC ( MEMP GP ), which owns a 0.1% general partner interest and 50% of the incentive distribution rights in Memorial Production Partners LP ( MEMP ), and (2) its 99.9% membership interest in WildHorse Resources, LLC ( WildHorse Resources ). In addition, certain former management members of WildHorse Resources will contribute to us the remaining 0.1% membership interest in WildHorse Resources as well as exchange their incentive units in exchange for shares of common stock and cash consideration. MRD Operating will enter into a merger agreement with MRD LLC pursuant to which after the termination of the PIK notes indenture (approximately 30 days after the closing of this offering), MRD LLC will merge into MRD Operating. Prior to this merger, MRD LLC will distribute the following to MRD Holdco: (i) its interests in BlueStone Natural Resources Holdings, LLC ( BlueStone Holdings ), Golden Energy Partners LLC ( Golden Energy ) and Classic Pipeline & Gathering, LLC (Classic Pipeline) as well as two immaterial subsidiaries that were formed subsequent to December 31, 2013, (ii) the MEMP subordinated units, (iii) the right to the remaining cash to be released from the debt service reserve account in connection with the redemption of the PIK notes plus the cash received from us in reimbursement of the interest paid on June 15 in respect of the PIK notes and (iv) approximately \$6.7 million of cash received by MRD LLC in connection with the sale of Golden Energy Partners LLC s assets in May 2014. Collectively, we refer to these transactions as the Restructuring.

MRD LLC controls MEMP through its ownership of MEMP GP. MEMP is a publicly traded limited partnership engaged in the acquisition, production and development of oil and natural gas properties in the United States. Due to MRD LLC s control of MEMP through the ownership of its general partner, MRD LLC is required to consolidate MEMP for accounting and financial reporting purposes.

The following unaudited pro forma condensed combined financial information reflects the historical financial statements of MRD LLC adjusted on a pro forma basis to give effect to the following transactions as if they had occurred on March 31, 2014 for pro forma balance sheet purposes and on January 1, 2013 for pro forma statements of operations purposes:

the exclusion of BlueStone Holdings and Classic Pipeline as well as the MEMP subordinated units since they are not being conveyed to MRDC and the cash reserve associated with the PIK notes;

the Restructuring transactions as described above; and

the initial public offering of shares of common stock and the use of the net proceeds therefrom as described in Use of Proceeds (the Offering ).

The unaudited pro forma combined balance sheet of MRDC is based on the audited historical consolidated and combined balance sheet of MRD LLC as of March 31, 2014 and includes pro forma adjustments to give

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### MEMORIAL RESOURCE DEVELOPMENT CORP.

### NOTES TO UNAUDITED PRO FORMA CONDENSED COMBINED FINANCIAL STATEMENTS

effect to the exclusion of BlueStone Holdings and Classic Pipeline as well as the MEMP subordinated units and the cash reserve associated with the PIK notes, and the Offering, as if they had occurred on March 31, 2014.

The unaudited pro forma combined statements of operations of MRDC are based on: (i) the audited and unaudited historical consolidated and combined statement of operations of MRD LLC for the year ended December 31, 2013 and the three months ended March 31, 2014, respectively, having been adjusted to give effect to the exclusion of BlueStone Holdings and Classic Pipeline as well as the MEMP subordinated units, and the Offering as if they occurred on January 1, 2013 and (ii) the historical accounting records of MRD LLC.

The unaudited pro forma combined financial statements have been prepared on the basis that MRDC will be subject to subchapter C of the Internal Revenue Code of 1986, as amended, and as a result, will become taxable as a corporation and subject to U.S. federal and state income taxes at the entity level. The unaudited pro forma combined financial statements should be read in conjunction with the notes thereto and with the audited historical consolidated and combined financial statements and related notes of MRD LLC, included elsewhere in this prospectus.

The pro forma adjustments to the audited historical consolidated and combined financial statements are based on currently available information and certain estimates and assumptions. The actual effect of the transactions discussed in the accompanying notes ultimately may differ from the unaudited pro forma adjustments included herein. However, management believes that the assumptions utilized to prepare the pro forma adjustments provide a reasonable basis for presenting the significant effects of the transactions as currently contemplated and that the unaudited pro forma adjustments are factually supportable, give appropriate effect to the expected impact of events that are directly attributable to the transactions, and reflect those items expected to have a continuing impact on MRDC.

The unaudited pro forma combined financial statements of MRDC are not necessarily indicative of financial results that would have been attained had the described transactions occurred on the dates indicated below or which could be achieved in the future because they necessarily exclude various operating expenses, such as incremental general and administrative expenses associated with being a public company.

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### MEMORIAL RESOURCE DEVELOPMENT CORP.

## NOTES TO UNAUDITED PRO FORMA CONDENSED COMBINED FINANCIAL STATEMENTS

# Note 2. MRD Segment Stand-Alone Pro Forma Financial Statements

# Unaudited Pro Forma Condensed Combined Balance Sheet March 31, 2014

	MRD Segment Historical		Exclude BlueStone at Holdings & Classic Pipeline		Offering & Restructuring Related Adjustments		MRD Segment Pro Forma Combined	
ASSETS								
Current assets:	<b>.</b>			(2.0==)		(20.000) ( )		24 = 20
Cash and cash equivalents	\$	37,783	\$	(3,075)	\$	(30,000)(c)	\$	34,708
						382,100 (e)		
						620,351 (f)		
						(4,300)(f)		
						(968,151)(g)		
Restricted cash		35,003				(35,003)(a)		
Accounts receivable:								
Oil and natural gas sales		45,576						45,576
Joint interest owners and other		13,082		(2,648)				10,434
Affiliates		7,526		(2,048)				7,526
Short-term derivative instruments		928						928
Prepaid expenses and other current assets		9,090		(1,170)				7,920
repaid expenses and other current assets		9,090		(1,170)				1,920
m . I		1.40.000		(6.000)		(25,000)		107.000
Total current assets		148,988		(6,893)		(35,003)		107,092
Property and equipment, at cost:				(0.4.0.75)				200 117
Oil and natural gas properties, successful efforts method		1,343,672		(34,257)			1	,309,415
Other		6,958		- 0.4-				6,958
Accumulated depreciation, depletion and impairment		(272,355)		7,947				(264,408)
Oil and natural gas properties, net		1,078,275		(26,310)			1	,051,965
Long-term derivative instruments		5,445		( -,,				5,445
Investment in unconsolidated affiliates		44,881				(44,373)(a)		508
Restricted cash		15,506				(15,000)(a)		506
Other long-term assets		18,191				4,300 (f)		2,928
Č						(19,563)(h)		
Total assets	\$	1,311,286	\$	(33,203)	\$	(109,639)	\$ 1	,168,444

## MEMORIAL RESOURCE DEVELOPMENT CORP.

# NOTES TO UNAUDITED PRO FORMA CONDENSED COMBINED FINANCIAL STATEMENTS

	MRD Segment Historical	Exclude BlueStone Holdings & Classic Pipeline	Offering & Restructuring Related Adjustments	MRD Segment Pro Forma Combined
LIABILITIES AND EQUITY		-	_	
Current liabilities:				
Accounts payable	\$ 13,099	(765)	\$	\$ 12,334
Accounts payable affiliates	7,695	(124)		7,571
Revenues payable	50,096	(78)		50,018
Accrued liabilities	54,638	(1,370)	(11,801)(g)	41,467
Short-term derivative instruments	7,546			7,546
Total current liabilities	133,074	(2,337)	(11.901)	119.026
		(2,337)	(11,801)	118,936
Long-term debt MRD Segment	939,496		620,351(f) (939,496)(g)	620,351
Asset retirement obligations	11,630			11,630
Long-term derivative instruments	616			616
Other long-term liabilities	1,435		115,983(d)	117,418
Total liabilities	1,086,251	(2,337)	(214,963)	868,951
Equity:				
Common stock			1,287(b)	1,925
			423(c)	
			215(e)	
Additional paid in capital			97,998(b)	1,167,829
			803,929(c)	
			(115,983)(d)	
			381,885(e)	
Accumulated deficit			(833,844)(c)	(870,261)
			(16,854)(g)	
			(19,563)(h)	
Members equity	218,548	(24,887)	(99,285)(b)	
			(50,003)(a)	
			(44,373)(a)	
Noncontrolling interest	6,487	(5,979)	(508)(c)	
Total equity	225,035	(30,866)	105,324	299,493
Total liabilities and lequit	\$ 1,311,286	\$ (33,203)	\$ (109,639)	\$ 1,168,444

## MEMORIAL RESOURCE DEVELOPMENT CORP.

## NOTES TO UNAUDITED PRO FORMA CONDENSED COMBINED FINANCIAL STATEMENTS

Unaudited Pro Forma Condensed Combined Statements of Operations For the Year Ended December 31, 2013

	D Segment istorical	Exclude BlueStone Holdings & Classic Pipeline		BlueStone Restructuring Holdings & Related		Pı	D Segment o Forma ombined
Revenues:							
Oil & natural gas sales	\$ 230,751	\$	(18,148)	\$		\$	212,603
Other revenues	807		(807)				
Total revenues	231,558		(18,955)				212,603
Costs and expenses:							
Lease operating	25,006		(1,652)				23,354
Exploration	1,226						1,226
Production and ad valorem taxes	9,362		(877)				8,485
Depreciation, depletion, and amortization	87,043		(10,519)				76,524
Impairment of proved oil and natural gas properties	2,527		(2,399)				128
General and administrative	81,758		(24,260)				57,498
Accretion of asset retirement obligations	728		(58)				670
(Gain) loss on commodity derivative instruments	(3,013)		(17)				(3,030)
(Gain) loss on sale of properties	(82,773)		89,548				6,775
Other, net	2						2
Total costs and expenses	121,866		49,766				171,632
Operating income	109,692		(68,721)				40,971
Other income (expense):							
Interest expense, net	(27,349)		53		(18,009)(i)		(23,080)
					1,411 (j)		
					20,814 (k)		
Earnings from equity investments	1,066				(797)(m)		269
Other, net	145		(2)				143
Total other income (expense)	(26,138)		51		3,419		(22,668)
Income (loss) before income taxes	83,554		(68,670)		3,419		18,303
Income tax benefit (expense)	(1,311)		1,147		(6,481)(1)		(6,645)
Net income (loss)	\$ 82,243	\$	(67,523)	\$	(3,062)	\$	11,658

## MEMORIAL RESOURCE DEVELOPMENT CORP.

## NOTES TO UNAUDITED PRO FORMA CONDENSED COMBINED FINANCIAL STATEMENTS

Unaudited Pro Forma Condensed Combined Statements of Operations Three Months Ended March 31, 2014

							MRD
	D Segment istorical	Blu Hole	sclude eStone dings & c Pipeline	Rest R	fering & ructuring telated ustments	Pr	egment o Forma ombined
Revenues:							
Oil & natural gas sales	\$ 89,618	\$	(558)	\$		\$	89,060
Other revenues	248		(99)				149
Total revenues	89,866		(657)				89,209
Costs and expenses:							
Lease operating	5,709		410				6,119
Exploration	140						140
Production and ad valorem taxes	3,000		(26)				2,974
Depreciation, depletion, and amortization	30,127		(310)				29,817
General and administrative	8,804		(1,039)				7,765
Accretion of asset retirement obligations	164						164
(Gain) loss on commodity derivative instruments	12,716						12,716
(Gain) loss on sale of properties	(110)		110				
Total costs and expenses	60,550		(855)				59,695
Operating income	29,316		198				29,514
Other income (expense):							
Interest expense, net	(17,974)				(4,502)(i)		(4,698)
					9,559 (j)		
					8,219 (k)		
Earnings from equity investments	(2,986)				2,992 (m)		6
Other, net	31						31
Total other income (expense)	(20,929)				16,268		(4,661)
Income (loss) before income taxes	8,387		198		16,268		24,853
Income tax benefit (expense)	(25)				(8,936)(1)		(8,961)
Net income (loss)	\$ 8,362	\$	198	\$	7,332	\$	15,892

### MEMORIAL RESOURCE DEVELOPMENT CORP.

### NOTES TO UNAUDITED PRO FORMA CONDENSED COMBINED FINANCIAL STATEMENTS

Note 3.	Pro Fo	rma Adju	stments a	and Ass	sumptions

### Unaudited Pro Forma Condensed Combined Balance Sheet

The following adjustments were made in the preparation of the unaudited pro forma condensed combined balance sheet:

- (a) Pro forma adjustments to reflect the \$50 million in cash to be released from its debt service reserve account in connection with the redemption of the PIK notes and the related distribution of this \$50 million of cash to MRD Holdco as well as the exclusion of the MEMP subordinated units.
- (b) Pro forma adjustment to reflect the issuance of approximately 128.7 million shares of our common stock to MRD LLC in exchange for: (1) 100% of the ownership interests in Classic, Classic GP, Black Diamond, Beta Operating, MRD Operating and MEMP GP; (2) 99.9% of the membership interests in WildHorse Resources; and (3) 50% of the incentive distribution rights of MEMP.
- (c) Pro forma adjustment to reflect the contribution from certain former management members of WildHorse Resources to us of the remaining 0.1% membership interest in WildHorse Resources and the forfeiture of their incentive units in exchange for approximately 42.3 million shares of our common stock and cash consideration of \$30.0 million. The cash consideration will be paid from the net proceeds from the Offering and borrowings under a new revolving credit facility as discussed in (e) and (f) below. Approximately \$0.5 million of the total consideration related to acquiring the 0.1% membership interest will be accounted for as the acquisition of noncontrolling interests and the remaining \$833.8 million related to the incentive units will be recorded as compensation expense within general and administrative expenses. The compensation expense related to the shares of our common stock, which is approximately \$804.4 million, will be offset by a deemed capital contribution from MRD Holdco. A corresponding charge to earnings has not been reflected in the unaudited pro forma combined statements of operations as the charge is considered non-recurring.
- (d) Pro forma adjustment to reflect the estimated change in long-term deferred tax liabilities for temporary differences between the historical cost basis and tax basis of the assets and liabilities being contributed to MRDC. MRDC will be subject to subchapter C of the Internal Revenue Code of 1986, as amended, and as a result, will become taxable as a corporation and subject to U.S. federal and state income taxes at the entity level. The deferred tax liabilities associated with the corporate reorganization will be recorded in equity as it represents a transaction among shareholders.
- (e) Pro forma adjustments to reflect the estimated gross proceeds of \$408.5 million to the Company from the issuance and sale of 21.5 million shares of common stock at an initial public offering price of \$19.00 per share, net of underwriting discounts and commissions of \$23.0 million and additional estimated expenses related to the Offering of approximately \$3.4 million.
- (f) Pro forma adjustment to reflect the cash proceeds from borrowings by MRDC of \$620.4 million under a new credit facility, including financing costs of \$4.3 million.

(g) Pro forma adjustments to record the use of \$968.2 million of net proceeds from this Offering and borrowings under our new revolving credit facility to: (1) pay \$350.0 million to redeem the PIK notes outstanding in their entirety and pay a \$7.0 million premium in connection with such redemption; (2) repay \$271.1 million of indebtedness under WildHorse Resources revolving credit facility; (3) repay \$325.0 million of indebtedness under WildHorse Resources second lien facility and pay a \$3.3 million premium in connection with the repayment and (4) pay accrued interest of \$11.8 million, which includes \$10.1 million associated with the PIK notes and \$1.7 million associated with WildHorse Resources revolving and second lien credit facilities. The \$16.9 million adjustment to accumulated deficit includes \$7.0 million of premiums associated with the PIK notes, \$3.3 million of premiums

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### MEMORIAL RESOURCE DEVELOPMENT CORP.

### NOTES TO UNAUDITED PRO FORMA CONDENSED COMBINED FINANCIAL STATEMENTS

associated with WildHorse Resources second lien facility, and \$6.6 million of write-offs of unamortized discounts associated with the PIK notes.

(h) Pro forma adjustment to reflect a \$8.6 million write-off of unamortized deferred financing costs associated with the PIK notes upon redemption and a \$10.9 million of write-off of unamortized deferred financing costs associated with WildHorse Resources revolving and second lien credit facilities; however, a corresponding charge to earnings has not been reflected in the unaudited pro forma combined statements of operations as the charge is considered non-recurring.

### Unaudited Pro Forma Condensed Combined Statements of Operations

The following adjustments were made in the preparation of the unaudited pro forma condensed combined statements of operations for the year ended December 31, 2013 and the three months ended March 31, 2014:

- (i) Pro forma adjustment to reflect the incurrence of interest expense on \$620.4 million of borrowings by MRDC under a new credit facility at LIBOR plus 2.50% and expenses on the unused borrowing base of 0.50%. Pro forma adjustment also reflects amortization of deferred financing costs of approximately \$0.9 million and \$0.2 million for the year ended December 31, 2013 and the three months ended March 31, 2014, respectively. A one-eighth percentage point change in the interest rate would change pro forma interest by \$0.8 million and \$0.2 million for the year ended December 31, 2013 and the three months ended March 31, 2014, respectively.
- (j) Pro forma adjustment to reflect a reduction in interest expense on the PIK notes as a result of applying \$357.0 million of net proceeds from this Offering to redeem the PIK notes in their entirety.
- (k) Pro forma adjustment to reflect a reduction in interest expense under WildHorse Resources revolving and second lien credit facilities associated with repayment of such debt with net proceeds from the Offering and borrowing by MRDC under a new credit facility. The second lien facility was entered into in June 2013.
- (1) Pro forma adjustment to reflect the estimated incremental income tax provision associated with the historical results of operations and pro forma adjustments assuming the earnings had been subject to federal income tax as a subchapter C corporation using an effective tax rate of approximately 36.0%. This rate is inclusive of federal and state income taxes.
- (m) Pro forma adjustment to reflect the exclusion of MEMP subordinated units.
- (n) Basic earnings per share includes 192,500,000 shares of common stock outstanding at the completion of this offering and diluted earnings per share also includes 1,068,421 restricted shares issued to our independent directors and certain employees in connection with the completion of this offering.

### Note 4. Pro Forma Proved Reserves and Standardized Measure of Discounted Future Net Cash Flows

Users of this information should be aware that the process of estimating quantities of proved and proved developed oil and natural gas reserves is very complex, requiring significant subjective decisions in the evaluation of all available geological, engineering and economic data for each reservoir. The data for a given reservoir may also change substantially over time as a result of numerous factors including, but not limited to, additional activity, evolving production history and continual reassessment of the viability of production under varying economic conditions. As a result, revisions to existing reserve estimates may occur from time to time. Although every reasonable effort is made to ensure reserve estimates reported represent the most accurate assessments possible, the subjective decisions and variances in available data for various reservoirs make these estimates generally less precise than other estimates included in the financial statement disclosures.

Proved reserves are those quantities of oil and natural gas that by analysis of geoscience and engineering data can be estimated with reasonable certainty to be economically producible from a given date forward, from

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### MEMORIAL RESOURCE DEVELOPMENT CORP.

### NOTES TO UNAUDITED PRO FORMA CONDENSED COMBINED FINANCIAL STATEMENTS

known reservoirs, and under existing economic conditions, operating methods and government regulations prior to the time at which contracts providing the right to operate expire, unless evidence indicates that renewal is reasonably certain, regardless of whether deterministic or probabilistic methods are used for the estimation. The project to extract the hydrocarbons must have commenced or the operator must be reasonably certain that it will continue the project within a reasonable time.

Netherland, Sewell & Associates, Inc. ( NSAI ) was engaged to prepare all of our estimated proved reserves (by volume) at December 31, 2013. All proved reserves are located in the United States and all prices are held constant in accordance with SEC rules.

In accordance with SEC regulations, reserves at December 31, 2013 were estimated using the unweighted arithmetic average first-day-of-the-month price for the preceding 12-month period.

The following table sets forth estimates of the net reserves as of December 31, 2013:

	MRD LLC Historical Equivalent (MMcfe)	Exclude BlueStone Holdings Equivalent (MMcfe)	MRDC Pro Forma Combined Equivalent (MMcfe)
Proved developed and undeveloped reserves:			
Beginning of year	2,074,990	(8,057)	2,066,933
Extensions and discoveries	295,832		295,832
Purchase of minerals in place	57,737		57,737
Production	(103,122)	1,690	(101,432)
Sales of minerals in place	(27,169)	4,178	(22,991)
Revision of previous estimates	(157,586)	2,189	(155,397)
End of year(1)	2,140,682		2,140,682
Proved developed reserves:			
Beginning of year	957,573	(4,901)	952,672
End of year	984,534		984,534
Proved undeveloped reserves:			
Beginning of year	1,117,417	(3,156)	1,114,261
End of year	1,156,148		1,156,148

<sup>(1)</sup> MRD LLC historical column includes reserves of 965,110 MMcfe attributable to noncontrolling interests and the previous owners.

A variety of methodologies are used to determine our proved reserve estimates. The principal methodologies employed are reservoir simulation, decline curve analysis, volumetric, material balance, advance production type curve matching, petro-physics/log analysis and analogy. Some combination of these methods is used to determine reserve estimates in substantially all of our fields.

The standardized measure of discounted future net cash flows presented below is computed by applying first of month average prices, year-end costs and legislated tax rates and a discount factor of 10 percent to proved reserves. We do not believe the standardized measure provides a reliable estimate of the expected future cash flows to be obtained from the development and production of its oil and gas properties or of the value of its proved oil and gas reserves. The standardized measure is prepared on the basis of certain prescribed assumptions including first of month average prices, which represent discrete points in time and therefore may cause significant variability in cash flows from year to year as prices change.

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### MEMORIAL RESOURCE DEVELOPMENT CORP.

### NOTES TO UNAUDITED PRO FORMA CONDENSED COMBINED FINANCIAL STATEMENTS

The standardized measure of discounted future net cash flows is as follows for the year ended December 31, 2013 (in thousands):

	MRD LLC Historical	Offering & Restructuring Related Adjustments	MRDC Pro Forma Combined
Future cash inflows	\$ 12,614,998	\$	\$ 12,614,998
Future production costs	(4,306,398)		(4,306,398)
Future development costs	(2,038,803)		(2,038,803)
Future income tax expense(1)		(821,733)	(821,733)
Future net cash flows for estimated timing of cash flows	6,269,797	(821,733)	5,448,064
10% annual discount for estimated timing of cash flows	(3,192,733)	392,018	(2,800,715)
Standardized measure of discounted future net cash flows(2)	\$ 3,077,064	\$ (429,715)	\$ 2,647,349

The following is a summary of the changes in the standardized measure of discounted future net cash flows for the proved oil and natural gas reserves during the year ended December 31, 2013 (in thousands):

	MRD LLC Historical	Exclude BlueStone Holdings	Offering & Restructuring Related Adjustments	MRDC Pro Forma Combined
Beginning of year	\$ 2,910,511	\$ (35,469)	\$	\$ 2,875,042
Sale of oil and natural gas produced, net of production costs	(430,964)	13,694		(417,270)
Purchase of minerals in place	74,337			74,337
Sale of minerals in place	(54,091)	24,718		(29,373)
Extensions and discoveries	437,427			437,427
Changes in income taxes			(429,715)	(429,715)
Changes in prices and costs	(85,731)			(85,731)
Previously estimated development costs incurred	261,787	(4,048)		257,739
Net changes in future development costs	(17,514)			(17,514)
Revisions of previous quantities	(327,926)			(327,926)
Accretion of discount	287,535			287,535
Change in production rates and other	21,693	1,105		22,798

<sup>(1)</sup> Pro forma adjustment to reflect the estimated incremental income tax provision associated with the historical results of operations and pro forma adjustments for the MRD Segment assuming the earnings had been subject to federal income tax as a subchapter C corporation using an effective tax rate of approximately 36%. This rate is inclusive of federal and state income taxes.

<sup>(2)</sup> The MRD LLC Historical column includes \$1,529,217 attributable to noncontrolling interests and the previous owners and on a pro forma basis includes \$1,506,499 attributable to noncontrolling interests and the previous owners.

End of year \$3,077,064 \$ \$ (429,715) \$2,647,349

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## **MRD** Segment

The following table sets forth estimates of the net reserves as of December 31, 2013:

	MRD Segment Historical Equivalent (MMcfe)	Exclude BlueStone Holdings Equivalent (MMcfe)	MRD Segment Pro Forma Combined Equivalent (MMcfe)
Proved developed and undeveloped reserves:			
Beginning of year	1,059,895	(8,057)	1,051,838
Extensions and discoveries	210,652		210,652
Purchase of minerals in place	39,183		39,183
Production	(46,819)	1,690	(45,129)
Sales of minerals in place	(27,169)	4,178	(22,991)
Revision of previous estimates	(110,165)	2,189	(107,976)
End of year(1)	1,125,577		1,125,577
Proved developed reserves:			
Beginning of year	337,869	(4,901)	332,968
End of year	367,641		367,641
Proved undeveloped reserves:			
Beginning of year	722,026	(3,156)	718,870
End of year	757,936		757,936

<sup>(1)</sup> MRD segment historical column includes reserves of 965,110 MMcfe attributable to noncontrolling interests and the previous owners.

The standardized measure of discounted future net cash flows is as follows for the year ended December 31, 2013 (in thousands):

	MRD Segment Historical	Exclude BlueStone Holdings	Offering & Restructuring Related Adjustments	MRD Segment Pro Forma Combined
Future cash inflows	\$ 5,722,848	\$	\$	\$ 5,722,848
Future production costs	(1,587,374)			(1,587,374)
Future development costs	(1,352,945)			(1,352,945)
Future income tax expense(1)			(760,433)	(760,433)
Future net cash flows for estimated timing of cash flows	2,782,529		(760,433)	2,022,096
10% annual discount for estimated timing of cash flows	(1,313,577)		358, 986	(954,591)
Standardized measure of discounted future net cash flows(2)	\$ 1,468,952	\$	\$ (401,447)	\$ 1,067,505

<sup>(1)</sup> Pro forma adjustment to reflect the estimated incremental income tax provision associated with the historical results of operations and pro forma adjustments for the MRD Segment assuming the earnings had been subject to federal income tax as a subchapter C corporation using an effective tax rate of approximately 36%. This rate is inclusive of federal and state income taxes.

(2) The MRD Segment Historical column includes \$63,422 attributable to noncontrolling interests and the previous owners and on a pro forma basis includes \$40,704 attributable to noncontrolling interests and the previous owners.

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The following is a summary of the changes in the standardized measure of discounted future net cash flows for the proved oil and natural gas reserves during the year ended December 31, 2013 (in thousands):

	MRD Segment Historical	Exclude BlueStone Holdings	Offering & Restructuring Related Adjustments	MRD Segment Pro Forma Combined
Beginning of year	\$ 1,320,595	\$ (35,469)	\$	\$ 1,285,126
Sale of oil and natural gas produced, net of production costs	(196,444)	13,694		(182,750)
Purchase of minerals in place	51,177			51,177
Sale of minerals in place	(54,091)	24,718		(29,373)
Extensions and discoveries	301,004			301,004
Changes in income taxes			(401,447)	(401,447)
Changes in prices and costs	(11,336)	)		(11,336)
Previously estimated development costs incurred	87,297	(4,048)		83,249
Net changes in future development costs	57,353			57,353
Revisions of previous quantities	(186,804)	)		(186,804)
Accretion of discount	128,544			128,544
Change in production rates and other	(28,343)	1,105		(27,238)
End of year	\$ 1,468,952	\$	\$ (401,447)	\$ 1,067,505

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# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

# UNAUDITED CONDENSED CONSOLIDATED AND COMBINED BALANCE SHEETS

# (In thousands)

	March 31, 2014	December 31, 2013
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 39,519	\$ 77,721
Restricted cash	35,003	35,000
Accounts receivable:		
Oil and natural gas sales	80,090	68,764
Joint interest owners and other	21,885	19,958
Affiliates	3,320	4,652
Short-term derivative instruments	2,481	9,289
Prepaid expenses and other current assets	20,122	19,513
Total current assets	202,420	234,897
Property and equipment, at cost:		
Oil and natural gas properties, successful efforts method	3,338,982	3,037,298
Other	9,878	10,331
Accumulated depreciation, depletion and impairment	(668,715)	(627,925)
Oil and natural gas properties, net	2,680,145	2,419,704
Long-term derivative instruments	31,775	48,616
Restricted investments	74,211	73,385
Restricted cash	15,506	15,506
Other long-term assets	35,034	37,053
Total assets	\$ 3,039,091	\$ 2,829,161
LIABILITIES AND EQUITY		
Current liabilities:		
Accounts payable	\$ 19,491	\$ 20,734
Accounts payable affiliates	3,727	1,975
Revenues payable	69,209	56,091
Accrued liabilities	119,426	98,130
Short-term derivative instruments	27,378	9,711
Total current liabilities	239,231	186,641
Long-term debt MRD Segment	939,496	871,150
Long-term debt MEMP Segment	988,435	792,067
Asset retirement obligations	113,105	111,679
Long-term derivative instruments	11,262	6,080
Other long-term liabilities	5,249	3,412
Total liabilities	2,296,778	1,971,029
Commitments and contingencies (Note 14)		
Equity:		
Members	222,889	237,186
Previous owners		40,331

Total members equity Noncontrolling interest	222,889 519,424	277,517 580,615
Total equity	742,313	858,132
Total liabilities and equity	\$ 3,039,091	\$ 2,829,161

See Accompanying Notes to Unaudited Condensed Consolidated and Combined Financial Statements.

# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

# UNAUDITED CONDENSED STATEMENTS OF CONSOLIDATED AND COMBINED OPERATIONS

# (In thousands)

	For Three Months Endo 2014			ded March 31, 2013	
Revenues:					
Oil & natural gas sales	\$	189,917	\$	121,626	
Other revenues		911		555	
Total revenues		190,828		122,181	
Costs and expenses:					
Lease operating		33,682		26,364	
Pipeline operating		489		470	
Exploration		146		856	
Production and ad valorem taxes		8,584		7,286	
Depreciation, depletion, and amortization		57,679		43,206	
General and administrative		18,762		12,586	
Accretion of asset retirement obligations		1,521		1,330	
(Gain) loss on commodity derivative instruments		59,482		22,545	
(Gain) loss on sale of properties		(110)		(1,983)	
Other, net		(12)			
Total costs and expenses		180,223		112,660	
Operating income		10,605		9,521	
Other income (expense):					
Interest expense, net		(34,052)		(9,370)	
Other, net		31		29	
Total other income (expense)		(34,021)		(9,341)	
Income (loss) before income taxes		(23,416)		180	
Income tax benefit (expense)		(100)			
Net income (loss)		(23,516)		180	
Net income (loss) attributable to noncontrolling interest		(31,888)		(4,069)	
The mediae (1053) attributable to noncontrolling interest		(31,000)		(4,007)	
Net income (loss) attributable to Memorial Resource Development LLC	\$	8,372	\$	4,249	
Net income (loss) attributable to members	\$	6,947	\$	2,597	
Net income (loss) attributable to previous owners (Note 1)		1,425		1,652	
Net income (loss) attributable to Memorial Resource Development LLC	\$	8,372	\$	4,249	
Income (loss) before income taxes	\$	(23,416)	\$	180	
Pro forma (provision) benefit for income taxes (Note 2)		8,096		(63)	
Pro forma net income (loss)	\$	(15,320)	\$	117	

Pro forma basic and diluted earnings per share (Note 2)	\$ 0.02	\$ 0.01
Pro forma basic weighted average shares outstanding	192,500	192,500
Pro forma diluted weighted average shares outstanding	193,568	193,568

See Accompanying Notes to Unaudited Condensed Consolidated and Combined Financial Statements.

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# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

# UNAUDITED CONDENSED STATEMENTS OF CONSOLIDATED AND COMBINED CASH FLOWS

# (In thousands)

	For Three Month	nths Ended March 31, 2013		
Cash flows from operating activities:				
Net income	\$ (23,516)	\$ 180		
Adjustments to reconcile net income to net cash provided by operating activities:				
Depreciation, depletion, and amortization	57,679	43,206		
(Gain) loss on derivative instruments	59,993	22,604		
Cash settlements (paid) received on derivative instruments	(13,309)	10,259		
Amortization of loan origination costs	1,899	2,479		
Accretion of senior notes net discount	713			
Accretion of asset retirement obligations	1,521	1,330		
Amortization of MEMP equity awards	1,295	422		
Loss (gain) on sale of properties	(110)	(1,983)		
Exploration costs		92		
Changes in operating assets and liabilities:				
Accounts receivable	(3,951)	8,287		
Prepaid expenses and other	2,832	(703)		
Payables and accrued liabilities	18,895	(10,892)		
	-,	( - / /		
Net cash provided by operating activities	103,941	75,281		
Cash flows from investing activities:		,		
Acquisition of oil and natural gas properties	(173,000)	(6,310)		
Additions to oil and gas properties	(134,200)	(81,075)		
Additions to restricted investments	(826)	(1,281)		
Additions to other property and equipment	(31)	(102)		
Additions to restricted cash	(3)	(102)		
Proceeds from the sale of oil and gas properties	(3)	2,169		
Other	(301)	287		
	(301)	207		
Net cash used in investing activities	(308,361)	(86,312)		
Cash flows from financing activities:	( / /	(,-,		
Advances on revolving credit facilities	343,000	245,150		
Payments on revolving credit facilities	(79,000)	(312,147)		
Loan origination fees	(1,162)	(1,709)		
Contribution from NGP affiliates related to sale of assets	1,165	(1,,0)		
Contributions from previous owners	1,100	151		
Proceeds from MEMP public equity offering		179,371		
Costs incurred in conjunction with MEMP public equity offering		(7,050)		
Distributions to noncontrolling interests	(31,085)	(11,103)		
Distributions to NGP affiliates related to sale of assets	(66,693)	(11,103)		
Distributions made by previous owners	(00,073)	(954)		
Other	(7)	(139)		
Out-	(1)	(139)		
Net cash provided by financing activities	166,218	91,570		
Net change in cash and cash equivalents	(38,202)	80,539		
Cash and cash equivalents, beginning of period	77,721	49,391		
,	,			
Cash and cash equivalents, end of period	\$ 39,519	\$ 129,930		

Supplemental cash flows:		
Cash paid for interest	\$ 8,838	\$ 7,659
Noncash investing and financing activities:		
Change in capital expenditures in payables and accrued liabilities	\$ 10,668	\$ 5,995
Accounts receivable related to Eagle Ford Acquisition (see Note 3)	3,879	

See Accompanying Notes to Unaudited Condensed Consolidated and Combined Financial Statements.

# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

# UNAUDITED CONDENSED STATEMENTS OF CONSOLIDATED AND COMBINED EQUITY

# (In thousands)

	Members Equity						
	Members	Previous Owners		controlling Interest	Total		
Balance January 1, 2014	\$ 237,186	\$ 40,331	\$	580,615	\$ 858,132		
Net income (loss)	6,947	1,425		(31,888)	(23,516)		
Contribution related to sale of assets to NGP affiliate	1,165				1,165		
Net book value of assets sold to NGP affiliate	(621)				(621)		
Distributions				(31,085)	(31,085)		
Net book value of assets acquired from NGP affiliates	45,059	(41,756)			3,303		
Distribution to NGP affiliates in connection with acquisition of assets	(66,693)				(66,693)		
Amortization of MEMP equity awards				1,295	1,295		
Other	(154)			487	333		
Balance March 31, 2014	\$ 222,889	\$	\$	519,424	\$ 742,313		

	Member				
		Previous	Noi	ncontrolling	
	Members	Owners		Interest	Total
Balance January 1, 2013	\$811,614	\$ 233,433	\$	231,662	\$ 1,276,709
Net income (loss)	2,597	1,652		(4,069)	180
Net proceeds from MEMP public equity offering				171,973	171,973
Contributions		151			151
Distributions		(954)		(11,103)	(12,057)
Net equity deemed contribution (distribution) related to net assets					
transferred to MEMP	2,560			(2,560)	
Impact of equity transactions of MEMP	24,315			(24,315)	
Amortization of MEMP equity awards				422	422
Other	(24)	582		24	582
Balance March 31, 2013	\$ 841,062	\$ 234,864	\$	362,034	\$ 1,437,960

 $See\ Accompanying\ Notes\ to\ Unaudited\ Condensed\ Consolidated\ and\ Combined\ Financial\ Statements.$ 

## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

#### COMBINED FINANCIAL STATEMENTS

Note 1. Background, Organization and Basis of Presentation

# **Background & Organization**

Memorial Resource Development LLC ( MRD LLC ) is a Delaware limited liability company (the Company ) formed on April 27, 2011 by Natural Gas Partners VIII, L.P. ( NGP VIII ), Natural Gas Partners IX, L.P. ( NGP IX ) and NGP IX Offshore Holdings, L.P. ( NGP IX Offshore ) (collectively, the Funds ) to own, acquire, exploit and develop oil and natural gas properties. The Funds are private equity funds managed by Natural Gas Partners ( NGP ). Unless the context requires otherwise, references to we, us, our, or the Company are intended to mean the busi and operations of Memorial Resource Development LLC and its consolidated subsidiaries, consisting of Classic Hydrocarbons Holdings, L.P. ( Classic ), Classic Hydrocarbons GP Co., L.L.C. ( Classic GP ), Black Diamond Minerals, LLC ( Black Diamond ), Beta Operating Company, LLC ( Beta Operating ), Memorial Production Partners GP LLC ( MEMP GP ), BlueStone Natural Resources Holdings, LLC ( BlueStone ), MRD Operating LLC ( MRD Operating ), MRD Midstream LLC ( MRD Midstream ), MRD Royalty LLC ( MRD Royalty ), WildHorse Resources, LLC ( WildHorse Resources ) and each of their respective subsidiaries, including Memorial Production Partners LP ( MEMP ) and its subsidiaries.

MEMP GP owns a 0.1% general partner interest in MEMP represented by 61,313 general partner units as of March 31,2014. MEMP is a publicly traded Delaware limited partnership, the common units of which are listed on the NASDAQ Global Market under the symbol MEMP. MEMP s business activities are conducted through its wholly-owned subsidiary Memorial Production Operating LLC (OLLC) and its subsidiaries. At March 31,2014, MRD LLC owned all of the 5,360,912 subordinated units outstanding. The Funds collectively indirectly own 50% of MEMP s incentive distribution rights (IDRs). MRD LLC owns the remaining IDRs.

These financial statements have been prepared in anticipation of a proposed initial public offering (the Offering ) of the common stock of Memorial Resource Development Corp. (MRDC). In connection with the closing of the Offering, the Funds will contribute all of their interest in MRD LLC to MRD Holdco LLC (MRD Holdco). In exchange for shares of common stock of MRDC, MRD LLC will contribute to MRDC substantially all of its assets, comprised of:

100% of the ownership interests in Classic, Classic GP, Black Diamond, Beta Operating, MRD Operating and Memorial Resource Finance Corp.;

99.9% of the membership interests in WildHorse Resources; and

MEMP GP (including MEMP GP s ownership of 50% of MEMP s incentive distribution rights).

MRD LLC will immediately distribute the shares of common stock of MRDC it receives to MRD Holdco. Additionally, MRD LLC will distribute to MRD Holdco:

BlueStone, which sold substantially all of its assets in July 2013 for \$117.9 million, MRD Royalty, which owns certain immaterial leasehold interests and overriding royalty interests in Texas and Montana, MRD Midstream, which owns an indirect interest in certain immaterial midstream assets in North Louisiana, Golden Energy Partners LLC ( Golden Energy ), which sold all of its assets in May 2014 for \$6.7 million, and Classic Pipeline & Gathering, LLC ( Classic Pipeline ), which owns certain immaterial midstream assets in Texas;

5,360,912 subordinated units of MEMP representing an approximate 8.7% limited partner interest in MEMP; and

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

#### COMBINED FINANCIAL STATEMENTS

The right to the remaining cash to be released from the debt service reserve account in connection with the redemption of the \$350 million 10.00%/10.75% Senior PIK toggle notes due 2018 ( PIK notes ) plus the cash received from MRDC in reimbursement of the interest paid on June 15, 2014 in respect of the PIK notes. See Note 8 for further information in regards to the PIK notes; and

Approximately \$6.7 million of cash received by MRD LLC in connection with the sale of Golden Energy Partners LLC s assets in May 2014.

In connection with the closing of the Offering, the remaining 0.1% of the membership interests in WildHorse Resources will be contributed to MRDC and incentive units held by certain members of management will be exchanged for shares of common stock of MRDC and cash consideration. WildHorse Resources will sell its subsidiary, WildHorse Resources Management Company, LLC (which holds certain immaterial assets related to WildHorse Resources operations) to an affiliate of the Funds for approximately \$0.2 million in cash and that subsidiary will enter into a services agreement with WildHorse Resources pursuant to which that subsidiary will provide transition services to WildHorse Resources.

From the closing date of the Offering until the date upon which the PIK notes are redeemed and the PIK notes indenture is terminated, MRD LLC will remain a subsidiary of MRD Holdco. After the redemption of the PIK notes, MRD LLC will merge into MRD Operating.

MRD LLC s consolidated and combined financial statements represent MRDC s predecessor for accounting and financial reporting purposes.

References to the previous owners for accounting and financial reporting purposes refer collectively to:

Certain oil and natural gas properties and related assets primarily in the Permian Basin, East Texas and the Rockies that MEMP acquired through equity transactions on October 1, 2013 from certain affiliates of NGP. On October 1, 2013, MEMP acquired Boaz Energy, LLC (Boaz), Crown Energy Partners, LLC (Crown), the Crown net profits interest and overriding royalty interest (Crown NPI/ORRI), Propel Energy SPV LLC (Propel SPV), together with its wholly-owned subsidiary Propel Energy Services, LLC (Propel Energy Services), and Stanolind Oil and Gas SPV LLC (Stanolind SPV) from: (a) Boaz Energy Partners, LLC (Boaz Energy Partners), Crown Energy Partners Holdings, LLC (Crown Holdings), Propel Energy, LLC (Propel Energy) and Stanolind Oil and Gas LP (Stanolind), all of which are primarily owned by two of the Funds.

A net profits interest that WildHorse Resources purchased from NGP Income Co-Investment Fund II, L.P. ( NGPCIF ) on February 28, 2014 ( NGPCIF NPI ). NGPCIF is controlled by NGP. Upon the completion of the 2010 Petrohawk and Clayton Williams acquisitions, WildHorse Resources sold a net profits interest in these properties to NGPCIF. Since WildHorse Resources sold the net profits interest, the historical results are accounted for as a working interest for all periods.

Our unaudited financial statements reported herein have been recast to include the financial position and results attributable to: (i) those certain oil and natural gas properties and related assets that the MEMP acquired through equity transactions on October 1, 2013 from Boaz Energy Partners, Crown Holdings, Propel Energy and Stanolind and (ii) NGPCIF NPI.

# Basis of Presentation

Our consolidated financial statements include our accounts and those of our majority-owned subsidiaries in which we have a controlling interest. Likewise, the combined financial statements include the accounts of the previous owners for the periods that those entities were under common control.

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

#### COMBINED FINANCIAL STATEMENTS

All material intercompany transactions and balances have been eliminated in preparation of our consolidated and combined financial statements. Our results of operations for the three months ended March 31, 2014 are not necessarily indicative of results expected for the full year. In our opinion, the accompanying unaudited condensed consolidated and combined financial statements include all adjustments of a normal recurring nature necessary for fair presentation. Although we believe the disclosures in these financial statements are adequate and make the information presented not misleading, certain information and footnote disclosures normally included in annual financial statements prepared in accordance with accounting principles generally accepted in the United States of America (GAAP) have been condensed or omitted.

We have two reportable business segments, both of which are engaged in the acquisition, exploitation, development and production of oil and natural gas properties (See Note 13). Our reportable business segments are as follows:

MRD reflects the combined operations of MRD LLC, WildHorse Resources and its previous owners, Classic and Classic GP, Black Diamond, BlueStone, Beta Operating and MEMP GP.

MEMP reflects the combined operations of MEMP, its previous owners, and dropdown transactions between MEMP and other MRD LLC subsidiaries.

Segment financial information has been retrospectively revised for the following common control transactions between MEMP and other MRD LLC subsidiaries for comparability purposes:

acquisition by MEMP of all the outstanding membership interests in Tanos Energy, LLC ( Tanos ) from MRD LLC for a purchase price of approximately \$77.4 million on October 1, 2013;

acquisition by MEMP of all the outstanding membership interests in Prospect Energy, LLC ( Prospect Energy ) from Black Diamond for a purchase price of approximately \$16.3 million on October 1, 2013;

acquisition by MEMP of certain of the oil and natural gas properties in Jackson County, Texas (the MRD Assets ) from MRD LLC for a purchase price of approximately \$2.6 million on October 1, 2013; and

acquisition by MEMP of all the outstanding membership interests in WHT Energy Partners LLC ( WHT ) form WildHorse Resources and Tanos for a purchase price of approximately \$200.0 million on March 28, 2013.

## Note 2. Summary of Significant Accounting Policies

A discussion of our critical accounting policies and estimates is included elsewhere herein.

# Income Tax

Upon closing of the Offering, MRDC will be treated as a taxable C corporation and will be subject to federal and certain state income taxes. Accordingly, a pro forma income tax provision has been disclosed as if MRD LLC was a taxable corporation for all periods presented. Pro forma tax expense (benefit) was computed using a blended corporate level federal and state tax rate of 34.58% and 35.00% for the three months ended March 31, 2014 and 2013, respectively.

# Unaudited Pro Forma Earnings Per Share

MRD LLC has presented pro forma earnings per share ( EPS ) for all periods presented. Pro forma net income (loss) per basic share is determined by dividing the pro forma net income (loss) available to common shareholders by the number of common shares expected to be outstanding immediately following the Offering.

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# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

# NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

## COMBINED FINANCIAL STATEMENTS

The following sets forth the calculation of pro forma EPS for the periods indicated (in thousands, except per share amounts):

	For Three Months Ended M 2014		
Numerator:			
Pro forma net income (loss)	\$ (15,320)	\$ 117	
Noncontrolling interest in pro forma net (income) loss, net of tax	20,861	2,642	
Previous owner interest in pro forma net (income) loss, net of tax	(932)	(1,074)	
Pro forma net income (loss) available to common shareholders	\$ 4,609	\$ 1,685	
Denominator:			
Common shares outstanding immediately following the Offering(1)	193,568	193,568	
Basic and diluted EPS	\$ 0.02	\$ 0.01	

<sup>(1)</sup> Includes dilutive effect of 1,068 restricted common shares.

The following sets forth the calculation of our supplemental pro forma EPS, for the periods indicated (in thousands, except per share amounts):

	For Three Months Ended March 31 2014 2013			
Numerator:	2014	2013		
Pro forma net income (loss)	\$ (15,320)	\$ 117		
Noncontrolling interest in pro forma net (income) loss, net of tax	20,861	2,642		
Pro forma net income (loss) available to common shareholders	\$ 5,541	\$ 2,759		
Denominator:				
Common shares outstanding immediately following the Offering(1)	193,568	193,568		
Basic and diluted EPS	\$ 0.03	\$ 0.01		

<sup>(1)</sup> Includes dilutive effect of 1,068 restricted common shares.

Our supplemental basic and diluted EPU includes all the earnings generated by the previous owners for all periods presented due to common control considerations.

# Current Liabilities Accrued Liabilities

Current accrued liabilities consisted of the following at the dates indicated (in thousands):

	March 31, 2014	Dec	cember 31, 2013
Accrued capital expenditures	\$ 59,247	\$	48,579
Accrued lease operating expense	8,814		13,240
Accrued general and administrative expenses	8,808		14,485
Accrued ad valorem and production taxes	4,431		3,541
Accrued interest payable	34,056		11,934
Accrued environmental	1,577		577
Other miscellaneous, including operator advances	2,493		5,774
	\$ 119.426	\$	98,130

# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

## NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

#### COMBINED FINANCIAL STATEMENTS

## New Accounting Pronouncements

Reporting Discontinued Operations. In April 2014, the FASB issued an accounting standards update that changes the criteria for determining when disposals can be presented as discontinued operations and modifies discontinued operations disclosures. The new guidance now defines a discontinued operation as (i) a disposal of a component or group of components that is disposed of or is classified as held for sale and represents a strategic shift that has (or will have) a major effect on an entity s operations and financial results or (ii) an acquired business or nonprofit activity that is classified as held for sale on the date of acquisition. We will adopt this guidance and apply the disclosure requirements prospectively beginning on January 1, 2015.

Other accounting standards that have been issued by the FASB or other standards-setting bodies are not expected to have a material impact on our financial position, results of operations and cash flows.

# Note 3. Acquisitions and Divestitures

Acquisition-related costs are included in general and administrative expenses in the accompanying statements of operations for the periods indicated below (in thousands):

# For the Three Months

Ended March 31,

2014		2013
	\$1,894	\$257

# 2014 Acquisitions

In March 2014, MEMP closed a transaction to acquire certain oil and natural gas producing properties from a third party in the Eagle Ford for approximately \$169.1 million, including estimated customary post-closing adjustments (the Eagle Ford Acquisition). In addition, MEMP acquired a 30% interest in the seller s Eagle Ford leasehold. The following table summarizes the preliminary fair value assessment of the assets acquired and liabilities assumed as of the acquisition date (in thousands):

Eagle Ford Acquisition

656	il and gas properties \$ 16
285)	sset retirement obligations
250)	ccrued liabilities
	<u>C</u>

Total identifiable net assets \$ 169,121

Unaudited supplemental pro forma financial information is not presented due to immateriality.

# 2013 Acquisitions

During the three months ended March 31, 2013, Propel Energy acquired incremental interests in certain oil and gas properties and leases in the Hendrick Field located in Winkler County, Texas from two third parties in two separate transactions for approximately \$6.3 million.

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

#### COMBINED FINANCIAL STATEMENTS

2013 Divestitures

On January 1, 2013, Tanos sold a natural gas gathering pipeline located in East Texas, which it had originally acquired in April 2010, to a privately held gas transportation company for a minimum of \$1.5 million. The maximum allowable additional proceeds are \$2.0 million. The contingent consideration is based on the natural gas pipeline servicing any new wells that Tanos drills in the area over the following three years. The contingent consideration portion of an arrangement is recorded when the consideration is determined to be realizable.

#### Note 4. Fair Value Measurements of Financial Instruments

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at a specified measurement date. Fair value estimates are based on either (i) actual market data or (ii) assumptions that other market participants would use in pricing an asset or liability, including estimates of risk. A three-tier hierarchy has been established that classifies fair value amounts recognized or disclosed in the financial statements. The hierarchy considers fair value amounts based on observable inputs (Levels 1 and 2) to be more reliable and predictable than those based primarily on unobservable inputs (Level 3). All of the derivative instruments reflected on the accompanying balance sheets were considered Level 2.

The carrying values of accounts receivables, accounts payables (including accrued liabilities) and amounts outstanding under long-term debt agreements with variable rates included in the accompanying balance sheets approximated fair value at March 31, 2014 and December 31, 2013. The fair value estimates are based upon observable market data and are classified within Level 2 of the fair value hierarchy. These assets and liabilities are not presented in the following tables. See Note 8 for the estimated fair value of our outstanding fixed-rate debt.

# Assets and Liabilities Measured at Fair Value on a Recurring Basis

The fair market values of the derivative financial instruments reflected on the balance sheets as of March 31, 2014 and December 31, 2013 were based on estimated forward commodity prices and forward interest rate yield curves. Financial assets and liabilities are classified based on the lowest level of input that is significant to the fair value measurement in its entirety. The significance of a particular input to the fair value measurement requires judgment, and may affect the valuation of the fair value of assets and liabilities and their placement within the fair value hierarchy levels. The following table presents the gross derivative assets and liabilities that are measured at fair value on a recurring basis at March 31, 2014 and December 31, 2013 for each of the fair value hierarchy levels:

> **Quoted Prices in Active Market**

Fair Value Measurements at March 31, 2014 Using **Significant Other Observable Inputs** 

Fair Value **Unobservable Inputs** 

Significant

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	(Level 1)	(Level 2)		(Level 3)	
	-,			(in thousands)	
Assets:					
Commodity derivatives	\$	\$	73,830	\$	\$ 73,830
Interest rate derivatives			61		61
Total assets	\$	\$	73,891	\$	\$ 73,891
Liabilities:					
Commodity derivatives	\$	\$	73,301	\$	\$ 73,301
Interest rate derivatives			4,974		4,974
Total liabilities	\$	\$	78,275	\$	\$ 78,275

# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

#### COMBINED FINANCIAL STATEMENTS

	0	Fair Value Measurements at December 31, 2013 Using						
	Quoted Prices in Active Market (Level 1)	Significant Other Observable Inputs (Level 2)		Significant Unobservable Inputs (Level 3)	Fair Value			
Assets:			(	onousanus)				
Commodity derivatives	\$	\$	105,054	\$	\$ 105,054			
Interest rate derivatives			884		884			
Total assets	\$	\$	105,938	\$	\$ 105,938			
Liabilities:								
Commodity derivatives	\$	\$	58,234	\$	\$ 58,234			
Interest rate derivatives			5,590		5,590			
Total liabilities	\$	\$	63.824	\$	\$ 63.824			

See Note 5 for additional information regarding our derivative instruments.

# Assets and Liabilities Measured at Fair Value on a Nonrecurring Basis

Certain assets and liabilities are reported at fair value on a nonrecurring basis as reflected on the balance sheets. The following methods and assumptions are used to estimate the fair values:

The fair value of asset retirement obligations ( AROs ) is based on discounted cash flow projections using numerous estimates, assumptions, and judgments regarding such factors as the existence of a legal obligation for an ARO; amounts and timing of settlements; the credit-adjusted risk-free rate; and inflation rates. See Note 6 for a summary of changes in AROs.

If sufficient market data is not available, the determination of the fair values of proved and unproved properties acquired in transactions accounted for as business combinations are prepared by utilizing estimates of discounted cash flow projections. The factors to determine fair value include, but are not limited to, estimates of: (i) economic reserves; (ii) future operating and development costs; (iii) future commodity prices; and (iv) a market-based weighted average cost of capital.

Proved oil and natural gas properties are reviewed for impairment when events and circumstances indicate a possible decline in the recoverability of the carrying value of such properties. The factors used to determine fair value include, but are not limited to, estimates of proved reserves, future commodity prices, the timing of future production and capital expenditures and a discount rate commensurate with the risk reflective of the lives remaining for the respective oil and gas properties. We did not have any impairment charges for the

three months ended March 31, 2014 and 2013, respectively.

# Note 5. Risk Management and Derivative Instruments

Derivative instruments are utilized to manage exposure to commodity price and interest rate fluctuations and achieve a more predictable cash flow in connection with natural gas and oil sales from production and borrowing related activities. These transactions limit exposure to declines in prices or increases in interest rates, but also limit the benefits that would be realized if prices increase or interest rates decrease.

Certain inherent business risks are associated with commodity and interest derivative contracts, including market risk and credit risk. Market risk is the risk that the price of natural gas or oil will change, either favorably or unfavorably, in response to changing market conditions. Credit risk is the risk of loss from nonperformance by the counterparty to a contract. It is our policy to enter into derivative contracts, including interest rate swaps, only with counterparties that are creditworthy financial institutions deemed by management as competent and

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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competitive market makers. Some of the lenders, or certain of their affiliates, under our credit agreements are counterparties to our derivative contracts. While collateral is generally not required to be posted by counterparties, credit risk associated with derivative instruments is minimized by limiting exposure to any single counterparty and entering into derivative instruments only with counterparties that are large financial institutions, which management believes present minimal credit risk. Additionally, master netting agreements are used to mitigate risk of loss due to default with counterparties on derivative instruments. We have also entered into the International Swaps and Derivatives Association Master Agreements ( ISDA Agreements ) with each of our counterparties. The terms of the ISDA Agreements provide us and each of our counterparties with rights of set-off upon the occurrence of defined acts of default by either us or our counterparty to a derivative, whereby the party not in default may set-off all liabilities owed to the defaulting party against all net derivative asset receivables from the defaulting party. See Note 8 for additional information in regards to our revolving credit facilities.

#### **Commodity Derivatives**

We may use a combination of commodity derivatives (e.g., floating-for-fixed swaps, costless collars, call spreads and basis swaps) to manage exposure to commodity price volatility. Historically, the Company has not paid or received premiums for put options. We enter into natural gas derivative contracts that are indexed to NYMEX Henry Hub and regional indices such as NGPL TXOK, TETCO STX, and Houston Ship Channel in proximity to our areas of production. We also enter into oil derivative contracts indexed to NYMEX WTI, Inter-Continental Exchange ( ICE ) Brent and California Midway-Sunset. Our NGL derivative contracts are indexed to OPIS Mont Belvieu. At March 31, 2014, the MRD Segment had the following open commodity positions:

	Remaining 2014		2015		2016		2	2017	
Natural Gas Derivative Contracts:									
Fixed price swap contracts:									
Average Monthly Volume (MMBtu)	1	,706,667	9	940,000	6	570,000	5	20,000	
Weighted-average fixed price	\$	4.19	\$	4.19	\$	4.32	\$	4.45	
Collar contracts:									
Average Monthly Volume (MMBtu)		730,000		130,000					
Weighted-average floor price	\$	4.11	\$	4.00	\$		\$		
Weighted-average ceiling price	\$	5.15	\$	4.64	\$		\$		
Basis swaps:									
Average Monthly Volume (MMBtu)		270,000		180,000	2	220,000	2	00,000	
Spread	\$	(0.07)	\$	(0.09)	\$	(0.08)	\$	(0.08)	
Crude Oil Derivative Contracts:									
Fixed price swap contracts:									
Average Monthly Volume (Bbls)		23,333		9,000					
Weighted-average fixed price	\$	92.09	\$	87.36	\$		\$		
Collar contracts:									
Average Monthly Volume (Bbls)		12,000		2,000					
Weighted-average floor price	\$	86.67	\$	85.00	\$		\$		
Weighted-average ceiling price	\$	112.33	\$	101.35	\$		\$		

# **NGL Derivative Contracts:**

Fixed price swap contracts:			
Average Monthly Volume (Bbls)	31,667		
Weighted-average fixed price	\$ 64.92	\$ \$	\$

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# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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At March 31, 2014, the MEMP Segment had the following open commodity positions:

		maining 2014		2015		2016		2017		2018		2019
Natural Gas Derivative Contracts:				2010		2010				2010		
Fixed price swap contracts:												
Average Monthly Volume (MMBtu)	2,	641,206	2	,405,278	2	,492,442	2.	,300,067	2	2,060,000	1	,814,583
Weighted-average fixed price	\$	4.33	\$	4.28	\$	4.41	\$	4.31	\$	4.52	\$	4.77
Collar contracts:												
Average Monthly Volume (MMBtu)		340,000		350,000								
Weighted-average floor price	\$	4.95	\$	4.62	\$		\$		\$		\$	
Weighted-average ceiling price	\$	6.19	\$	5.80	\$		\$		\$		\$	
Call spreads(1):												
Average Monthly Volume (MMBtu)		120,000		80,000								
Weighted-average sold strike price	\$	5.11	\$	5.25	\$		\$		\$		\$	
Weighted-average bought strike price	\$	6.38	\$	6.75	\$		\$		\$		\$	
Basis swaps:												
Average Monthly Volume (MMBtu)		888,889										
Spread	\$	(0.09)	\$		\$		\$		\$		\$	
Crude Oil Derivative Contracts:												
Fixed price swap contracts:												
Average Monthly Volume (Bbls)		174,308		194,281		180,313		166,600		152,000		40,000
Weighted-average fixed price	\$	95.95	\$	91.90	\$	86.05	\$	84.74	\$	84.59	\$	85.00
Collar contracts:												
Average Monthly Volume (Bbls)		23,000		5,000								
Weighted-average floor price	\$	82.83	\$	80.00	\$		\$		\$		\$	
Weighted-average ceiling price	\$	105.31	\$	94.00	\$		\$		\$		\$	
Basis swaps:												
Average Monthly Volume (Bbls)		93,667		57,500								
Spread	\$	(4.57)	\$	(9.73)	\$		\$		\$		\$	
NGL Derivative Contracts:												
Fixed price swap contracts:												
Average Monthly Volume (Bbls)		136,200		112,800								
Weighted-average fixed price	\$	36.33	\$	35.04	\$		\$		\$		\$	

<sup>(1)</sup> These transactions were entered into for the purpose of eliminating the ceiling portion of certain collar arrangements, which effectively converted the applicable collars into swaps.

# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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## Interest Rate Swaps

Periodically, we enter into interest rate swaps to mitigate exposure to market rate fluctuations by converting variable interest rates such as those in our credit agreement to fixed interest rates. From time to time we enter into offsetting positions to avoid being economically over-hedged. At March 31, 2014, we had the following interest rate swap open positions:

	R	Remaining				
Credit Facility		2014		2015		2016
MEMP:						
Average Monthly Notional (in thousands)	\$	214,778	\$	280,833	\$	150,000
Weighted-average fixed rate		1.316%		1.416%		1.193%
Floating rate	1	Month LIBOR	1	Month LIBOR	1 M	onth LIBOR
WildHorse Resources:						
Average Monthly Notional (in thousands)	\$	116,667	\$	100,000	\$	
Weighted-average fixed rate		0.772%		0.758%		
Floating rate	1 & 3	Month LIBOR	1 & 3	Month LIBOR		

## **Balance Sheet Presentation**

The following table summarizes both: (i) the gross fair value of derivative instruments by the appropriate balance sheet classification even when the derivative instruments are subject to netting arrangements and qualify for net presentation in the balance sheet and (ii) the net recorded fair value as reflected on the balance sheet at March 31, 2014 and December 31, 2013. There was no cash collateral received or pledged associated with our derivative instruments since each of the counterparties to our derivative contracts is a lender under our collective credit agreements.

		Asset D	erivatives	Liability Derivatives		
Туре	Balance Sheet Location	March 31, 2014	December 31, 2013 (in thou	March 31, 2014 usands)	December 31, 2013	
Commodity contracts	Short-term derivative instruments	\$ 10,538	\$ 21,759	\$ 32,244	\$ 19,739	
Interest rate swaps	Short-term derivative instruments		845	3,191	3,287	
Gross fair value		10,538	22,604	\$ 35,435	23,026	
Netting arrangements	Short-term derivative instruments	(8,057)	(13,315)	(8,057)	(13,315)	
Net recorded fair value	Short-term derivative instruments	\$ 2,481	\$ 9,289	\$ 27,378	\$ 9,711	
Commodity contracts	Long-term derivative instruments	\$ 63,292	\$ 83,295	\$ 41,057	\$ 38,495	

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Interest rate swaps	Long-term derivative instruments	61	39	1,783	2,303
Gross fair value		63,353	83,334	42,840	40,798
Netting arrangements	Long-term derivative instruments	(31,578)	(34,718)	(31,578)	(34,718)
Net recorded fair value	Long-term derivative instruments	\$ 31,775	\$ 48,616	\$ 11,262	\$ 6,080

# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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# (Gains) Losses on Derivatives

All gains and losses, including changes in the derivative instruments—fair values, have been recorded in the accompanying statements of operations since derivate instruments are not designated as hedging instruments for accounting and financial reporting purposes. The following table details the gains and losses related to derivative instruments for the three months ending March 31, 2014 and 2013:

	Statements of	Three I Ended M	Months Iarch 31,
<b>Derivative Instruments</b>	Operations Location	2014 (in tho	2013 usands)
Commodity derivative contracts	(Gain) loss on commodity derivative instruments	\$ 59,482	\$ 22,545
Interest rate swaps	Interest expense, net	511	59

# **Note 6. Asset Retirement Obligations**

Asset retirement obligations primarily relate to our portion of future plugging and abandonment of wells and related facilities. The following table presents the changes in the asset retirement obligations for the three months ended March 31, 2014 (in thousands):

Asset retirement obligations at beginning of period	\$ 111,769
Liabilities added from acquisitions or drilling	433
Liabilities removed upon sale of wells to an affiliate	(593)
Revisions	65
Accretion expense	1,521
Asset retirement obligations at end of period	113,195
Less: current portion	90
Asset retirement obligations long-term portion	\$ 113,105

#### **Note 7. Restricted Investments**

Various restricted investment accounts fund certain long-term contractual and regulatory asset retirement obligations and collateralize certain regulatory bonds associated with offshore Southern California oil and gas properties owned by MEMP. The components of the restricted investment balance consisted of the following at the dates indicated:

	March 31, 2014	Dec ousands	ember 31, 2013
BOEM platform abandonment (See Note 14)	\$ 67.134	\$	66,373
BOEM lease bonds	794		794
SPBPC Collateral:			
Contractual pipeline and surface facilities abandonment	2,371		2,306
California State Lands Commission pipeline right-of-way bond	3,005		3,005
City of Long Beach pipeline facility permit	500		500
Federal pipeline right-of-way bond	307		307
Port of Long Beach pipeline license	100		100
Restricted investments	\$ 74,211	\$	73,385

# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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# Note 8. Long Term Debt

The following table presents our consolidated and combined debt obligations at the dates indicated:

	March 31, 2014 (in tho	December 31, 2013 ousands)
MRD Segment:		
WildHorse Resources \$1.0 billion revolving credit facility, variable-rate, due April 2018	\$ 271,100	\$ 203,100
WildHorse Resources \$325.0 million second lien term facility, variable-rate, due December 2018	325,000	325,000
10.00%/10/75% senior PIK toggle notes due December 2018(1)	350,000	350,000
10.00%/10/75% senior PIK toggle notes unamortized discounts	(6,604)	(6,950)
Subtotal	939,496	871,150
MEMP Segment:		
MEMP \$2.0 billion revolving credit facility, variable-rate, due March 2018	299,000	103,000
7.625% senior notes, fixed-rate, due May 1, 2021(2)	700,000	700,000
7.625% senior notes unamortized discounts	(10,565)	(10,933)
Subtotal	988,435	792,067
Total long-term debt	\$ 1,927,931	\$ 1,663,217

# **Borrowing Base**

Credit facilities tied to borrowing bases are common throughout the oil and gas industry. Each of the revolving credit facilities borrowing base is subject to redetermination on at least a semi-annual basis primarily based on estimated proved reserves. The borrowing base for each credit facility was the following at the dates indicated:

March 31, December 31, 2014 2013

<sup>(1)</sup> The estimated fair value of this fixed-rate debt was \$360.5 million and \$348.3 million at March 31, 2014 and December 31, 2013, respectively. The estimated fair value is based on quoted market prices and is classified as Level 2 within the fair value hierarchy.

<sup>(2)</sup> The estimated fair value of this fixed-rate debt was \$743.8 million and \$721.0 million at March 31, 2014 and December 31, 2013, respectively. The estimated fair value is based on quoted market prices and is classified as Level 2 within the fair value hierarchy.

	(in the	ousano	ds)
MRD Segment:			
WildHorse \$1.0 billion revolving credit facility, variable-rate, due April 2018	\$ 375,000	\$	300,000
MEMP Segment:			
MEMP \$2.0 billion revolving credit facility, variable-rate, due March 2018	845,000		845,000

In April 2014, the MEMP borrowing base was redetermined and increased to \$870.0 million. WildHorse Resources borrowing base was automatically reduced to \$355.0 million on April 1, 2014 as a result of selling certain oil and natural gas producing properties in East Texas to MEMP (See Note 15).

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#### PIK Notes

On December 18, 2013, MRD LLC and its wholly-owned subsidiary, Memorial Resource Finance Corp. (MRD Finance Corp. and collectively, the MRD Issuers), completed a private placement of the PIK notes. The PIK notes were issued at 98% of par and will mature on December 15, 2018. Net proceeds from the private offering were used: (i) to repay all indebtedness then outstanding under MRD LLC s revolving credit facility, (ii) to establish a debt service reserve account of \$50.0 million for the PIK notes, (iii) to pay a distribution to the Funds, and (iv) for general company purposes. The MRD LLC revolving credit facility was terminated in connection with the issuance of PIK notes.

Interest on the PIK notes will be payable semi-annually in arrears on June 15 and December 15 of each year, commencing on June 15, 2014. Subject to conditions in the indenture governing the PIK notes, MRD LLC will be required to pay interest on the PIK notes in cash or through issuing additional notes (such an issuance, PIK Interest). The interest rate on the PIK notes is 10.00% per annum for interest paid in cash or 10.75% per annum for PIK Interest. PIK Interest will be paid by issuing additional notes having the same terms as the PIK notes. The PIK notes are subject to optional redemption at prices specified in the indenture plus accrued and unpaid interest, if any. The MRD Issuers may also be required to repurchase the PIK notes upon a change of control.

At the time the PIK notes were issued, all of MRD LLC s subsidiaries other than MEMP and BlueStone (and their respective subsidiaries) were designated as restricted subsidiaries. The indenture governing the PIK notes contains customary covenants and restrictive provisions that apply to both MRD LLC and its restricted subsidiaries, many of which will terminate if at any time no default exists under the indenture and the PIK notes receive an investment grade rating from both of two specified ratings agencies. The PIK notes are fully and unconditionally guaranteed on a senior unsecured basis by all of MRD LLC s restricted subsidiaries, except MEMP GP and WildHorse Resources.

The indenture also provides for customary and other events of default. In the case of an event of default arising from certain events of bankruptcy or insolvency, all outstanding PIK notes will become due and payable immediately without further action or notice. If any other event of default occurs and is continuing, the trustee or the holders of at least 25% in principal amount of the then outstanding PIK notes may declare all the PIK notes to be due and payable immediately.

Funds may be released from the debt service reserve account only for payments of interest on the PIK notes, payments of principal on the PIK notes at stated maturity of the notes, in connection with the optional redemption of all the PIK notes prior to December 15, 2014, or in connection with a satisfaction and discharge of the indenture or legal defeasance or convent defeasance in accordance with the terms of the indenture.

WildHorse Resources Revolving Credit Facility & Second Lien Facility

WildHorse Resources is a party to a \$1.0 billion revolving credit facility, which are secured by liens on substantially all of WildHorse Resources properties, but in any event, not less than 80% of the total value of the WildHorse Resources oil and natural gas properties.

WildHorse Resources is a party to a \$325.0 million second lien term loan agreement and matures on December 13, 2018. No amount of second lien term loans once repaid may be reborrowed. Borrowings under the second lien term loan agreement are secured by second-priority liens on substantially all of WildHorse Resources properties, but in any event, not less than 80% of the total value of the WildHorse Resources oil and natural gas properties. The priority of the security interests in the collateral and related creditors rights is set forth in an intercreditor agreement. The second lien term loan agreement contains customary affirmative and negative covenants, restrictive provisions and events of default.

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# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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# MEMP Revolving Credit Facility & Senior Notes

OLLC is a party to a \$2.0 billion revolving credit facility, which is guaranteed by MEMP and all of its current and future subsidiaries (other than certain immaterial subsidiaries).

On April 17, 2013, MEMP and its wholly-owned subsidiary, Memorial Production Finance Corporation (Finance Corp. and collectively, the Issuers), completed a private placement of \$300.0 million aggregate principal amount of 7.625% senior unsecured notes due 2021 (the Senior Notes). The Senior Notes were issued at 98.521% of par and are fully and unconditionally guaranteed (subject to customary release provisions) on a joint and several basis by all of the MEMP subsidiaries (other than Finance Corp., which is co-issuer of the Senior Notes, and certain immaterial subsidiaries). On May 23, 2013, the Issuers issued an additional \$100.0 million aggregate principal amount of the Senior Notes at 102% of par. The Senior Notes will mature on May 1, 2021 with interest accruing at a rate of 7.625% per annum and payable semi-annually in arrears on May 1 and November 1 of each year. The Senior Notes are governed by an indenture. The Senior Notes are subject to optional redemption at prices specified in the indenture plus accrued and unpaid interest, if any. The Issuers may also be required to repurchase the Senior Notes upon a change of control. The indenture contains customary covenants and restrictive provisions, many of which will terminate if at any time no default exists under the indenture and the Senior Notes receive an investment grade rating from both of two specified ratings agencies. The indenture also provides for customary and other events of default. In the case of an event of default arising from certain events of bankruptcy or insolvency with respect to either of the Issuers, all outstanding Senior Notes will become due and payable immediately without further action or notice. If any other event of default occurs and is continuing, the trustee or the holders of at least 25% in principal amount of the then outstanding Senior Notes may declare all the Senior Notes to be due and payable immediately.

# Weighted-Average Interest Rates

The following table presents the weighted-average interest rates paid on our consolidated and combined variable-rate debt obligations for the periods presented:

	For the Three	e Months				
	Ended March 31,					
Credit Facility	2014	2013				
MRD Segment:						
MRD LLC revolver	n/a	4.63%				
WildHorse Resources revolver	3.97%	3.17%				
WildHorse Resources second lien	6.44%	n/a				
Black Diamond	n/a	2.90%				
MEMP Segment:						
MEMP	2.01%	2.86%				
WHT	n/a	2.27%				
Tanos	n/a	3.10%				

Stanolind	n/a	3.37%
Boaz	n/a	3.54%
Crown	n/a	3.35%
Propel Energy	n/a	3.24%

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# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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# **Unamortized Deferred Financing Costs**

Unamortized deferred financing costs associated with our consolidated and combined debt obligations were as follows at the dates indicated:

	March 31, 2014 (in th	December 31, 2013 nousands)	
MRD Segment:	`		
WildHorse Resources revolving credit facility	\$ 2,352	\$	2,436
WildHorse Resources second lien term loan	8,571		9,030
PIK notes	8,640		8,261
MEMP Segment:			
MEMP revolving credit facility	5,199		5,413
Senior notes	14,696		15,053
	\$ 39,458	\$	40,193

# **Note 9. Noncontrolling Interests**

Noncontrolling interests is the portion of equity ownership in MRD LLC s majority-owned or controlled subsidiaries not attributable to Memorial Resource and primarily consists of the equity interests held by: (i) the limited partners of MEMP, excluding units held by MRD LLC; (ii) a third party investor in the San Pedro Bay Pipeline Company; and (iii) certain current or former key employees of certain of MRD LLC s subsidiaries.

Distributions paid to the limited partners of MEMP primarily represent the quarterly cash distributions paid to MEMP s unitholders, excluding those paid to MRD LLC. Contributions received from limited partners of MEMP primarily represent net cash proceeds received from common unit offerings.

On March 25, 2013, MEMP sold 9,775,000 of its common units in an underwritten equity offering, which generated net cash proceeds of \$171.8 million after deducting underwriting discounts and offering expenses. The net proceeds from this equity offering partially funded MEMP s acquisition of all of the outstanding equity interests in WHT.

## Note 10. Long-Term Incentive Plan MEMP

The following table summarizes information regarding restricted common unit awards granted under the Memorial Production Partners GP LLC Long-Term Incentive Plan ( LTIP ) for the periods presented:

		Weighted- Average	
		•	Grant
	Number of Units		Fair Value r Unit(1)
Restricted common units outstanding at December 31, 2013	706,927	\$	18.62
Granted(2)	13,644	\$	21.99
Forfeited	(1,818)	\$	18.81
Vested	(65,841)	\$	18.56
Restricted common units outstanding at March 31, 2014	652,912	\$	18.70

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<sup>(1)</sup> Determined by dividing the aggregate grant date fair value of awards by the number of awards issued.

<sup>(2)</sup> The aggregate grant date fair value of restricted common unit awards issued in 2014 was \$0.3 million based on a grant date market price of MEMP of \$21.99 per unit.

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The following table summarizes the amount of recognized compensation expense associated with these awards that are reflected in the accompanying statements of operations for the periods presented (in thousands):

# For the Three Months Ended March 31, 2014 \$1,295 \$422

The unrecognized compensation cost associated with restricted common unit awards was \$8.8 million at March 31, 2014. We expect to recognize the unrecognized compensation cost for these awards over a weighted-average period of 1.93 years. Since the restricted common units are participating securities, distributions received by the restricted common unitholders are generally included in distributions to noncontrolling interests as presented on our unaudited condensed statements of consolidated and combined cash flows.

# Note 11. Incentive Units

Each of the governing documents of BlueStone Holdings, Tanos, WildHorse, Classic, Black Diamond and Memorial Resource either currently provide or previously provided for the issuance of incentive units. The incentive units are subject to performance conditions that affects their vesting. Compensation cost is recognized only if the performance condition is probable of being satisfied at each reporting date.

BlueStone Holdings, Tanos, WildHorse, Classic, Black Diamond and Memorial Resource each granted incentive units to certain of its members who were key employees at the time of grant. Holders of incentive units are entitled to distributions ranging from 10% to 31.5% when declared, but only after cumulative distribution thresholds (payouts) have been achieved. Payouts are generally triggered after the recovery of specified members capital contributions plus a rate of return. On December 14, 2011 and in connection with MEMP s initial public offering, BlueStone Holdings Special Tier and Tier I unit holders vested in their respective awards. Tier I unit holders will participate in 16.5% of any future distributions made by BlueStone Holdings.

Vesting of the incentive units is generally dependent upon an explicit service period, a fundamental change as defined in the respective governing document, and achievement of payout. All incentive units not vested are forfeited if an employee is no longer employed. All incentive units will be forfeited if a holder resigns whether the incentive units are vested or not. If the payouts have not yet occurred, then all incentive units, whether or not vested, will be forfeited automatically (unless extended).

Compensation expense of approximately \$1.0 million was recorded by BlueStone and recognized as general and administrative expense during the three months ended March 31, 2014.

In connection with the Offering, certain former management members of WildHorse Resources will contribute their 0.1% membership interest in WildHorse Resources as well as their incentive units in exchange for shares of common stock of MRDC and cash consideration. As such, WildHorse Resources is expected to recognize additional compensation cost in 2014 upon the closing of the Offering. The owners of incentive units in MRD LLC will exchange those interests for substantially identical incentive units in MRD Holdco.

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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# **Note 12. Related Party Transactions**

## NGPCIF NPI Acquisition

WildHorse Resources purchased a net profits interest from NGPCIF on February 28, 2014 for a purchase price of \$63.4 million (see Note 1). This acquisition was accounted for as a combination of entities under common control at historical cost in a manner similar to the pooling of interest method. WildHorse Resources recorded the following net assets (in thousands):

Accounts receivable	\$ 2,274
Oil and natural gas properties, net	40,056
Accrued liabilities	(297)
Asset retirement obligations	(277)
Net assets	\$ 41,756

# Common Control Transactions between MEMP and Other MRD LLC Subsidiaries

MEMP acquired all of the outstanding membership interests in WHT from WildHorse Resources and Tanos on March 28, 2013. This intercompany transaction eliminates in preparation of our consolidated and combined financial statements.

# WildHorse Management Services Agreement

WildHorse Resources II, LLC ( WHR II ) is an independent energy company engaged in the acquisition, exploitation, and development of natural gas and crude oil properties. WHR II is a related party and was organized in the State of Delaware on June 3, 2013. A management services agreement was executed on August 8, 2013, where WildHorse Resources began providing general, administrative and employee services to WHR II. On August 8, 2013, a management agreement between WildHorse Resources and WHR II was executed where WildHorse Resources was appointed the manager for WHR II with responsibilities including administrative and land services, operator services and financial and accounting services. As operator, WildHorse Resources receives operated and non-operated revenues on behalf of WHR II and bills and receives joint interest billings. In addition, WildHorse Resources pays for lease operating expenses and drilling costs on behalf of WHR II. On August 8, 2013, an asset and cost sharing agreement between WildHorse Resources and WHR II was executed. As part of the agreement, shared WildHorse Resources costs are allocated between WildHorse Resources and WHR II in accordance with a sharing ratio. The sharing ratio is based on the previous quarters capital expenditures and number of operated wells. Company specific costs are billed directly to the appropriate entity. WildHorse Resources owed WHR II \$3.9 million and \$2.4 million at March 31, 2014 and December 31, 2013, respectively.

## Other

On March 10, 2014, BlueStone sold BlueStone Natural Resources II, LLC, an NGP controlled entity, certain interests in oil and gas properties in McMullen, Webb, Zapata, and Hidalgo Counties located in South Texas. Total cash consideration received by BlueStone was approximately \$1.2 million, which exceeded the net book value of the properties sold by \$0.5 million. Due to common control considerations, the \$0.5 million was recognized in the equity statement as a contribution.

On March 28, 2014, MRD Royalty acquired certain interests in oil and gas properties in Gonzales and Karnes Counties located in South Texas from Propel Energy for \$3.3 million. Due to common control considerations, this transaction was recognized in the equity statement.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

#### COMBINED FINANCIAL STATEMENTS

### Note 13. Business Segment Data

Our reportable business segments are organized in a manner that reflects how management manages those business activities.

We have two reportable business segments, both of which are engaged in the acquisition, exploitation, development and production of oil and natural gas properties. Our reportable business segments are as follows:

MRD reflects the combined operations of MRD LLC, WildHorse Resources and its previous owners, Classic and Classic GP, Black Diamond, BlueStone, Beta Operating and MEMP GP.

MEMP reflects the combined operations of MEMP, its previous owners, and dropdown transactions between MEMP and other MRD LLC subsidiaries. See Note 1 for additional information regarding dropdown transactions between MEMP and other MRD LLC subsidiaries.

We evaluate segment performance based on Adjusted EBITDA. Adjusted EBITDA is defined as net income (loss), plus interest expense; income tax expense; depreciation, depletion and amortization; impairment of goodwill and long-lived assets; accretion of asset retirement obligations; losses on commodity derivative contracts and cash settlements received; losses on sale of assets; unit-based compensation expenses; exploration costs; provision for environmental remediation; equity loss from MEMP (MRD Segment only); cash distributions from MEMP (MRD Segment only); acquisition related costs; amortization of investment premium; and other non-routine items, less interest income; income tax benefit; gains on commodity derivative contracts and cash settlements paid; equity income from MEMP (MRD Segment only); gains on sale of assets and other non-routine items.

Financial information presented for the MEMP business segment is derived from the underlying consolidated and combined financial statements of MEMP that are publicly available.

Segment revenues and expenses include intersegment transactions. Our combined totals reflect the elimination of intersegment transactions.

In the MRD Segment s individual financial statements, investments in the MEMP Segment that are included in the consolidated and combined financial statements are accounted for by the equity method.

The following table presents selected business segment information for the periods indicated (in thousands):

	MRD	МЕМР	Other, Adjustments & Eliminations	Consolidated and Combined Totals
Total revenues:				
Three months ended March 31, 2014	89,866	100,977	(15)	190,828
Three months ended March 31, 2013	54,162	68,102	(83)	122,181
Adjusted EBITDA:(1)				
Three months ended March 31, 2014	71,188	55,042	(5,988)	120,242
Three months ended March 31, 2013	50,759	42,848	(8,445)	85,162
Segment assets:(2)				
As of March 31, 2014	1,311,286	1,730,733	(2,928)	3,039,091
As of December 31, 2013	1,281,134	1,552,307	(4,280)	2,829,161
Total cash expenditures for additions to long-lived assets:				
Three months ended March 31, 2014	86,660	220,571		307,231
Three months ended March 31, 2013	38,777	48,710		87,487

# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

### COMBINED FINANCIAL STATEMENTS

- (1) Adjustments and eliminations for the three months ended March 31, 2014 and 2013 include amounts related to the MRD s Segment equity investments in the MEMP Segment as well the elimination of \$3.0 million and \$6.3 million of cash distributions that MEMP paid MRD LLC for the three months ended March 31, 2014 and 2013, respectively, related to MRD LLC s partnership interests in MEMP.
- (2) Adjustments and eliminations primarily represent the elimination of the MRD s Segment equity investments in the MEMP Segment. The adjustment at March 31, 2014 and December 31, 2013 also includes \$49.9 million related to an impairment recognized by the MEMP Segment during 2013. This impairment did not exist on a consolidated basis.

### Calculation of Reportable Segments Adjusted EBITDA

	For the Three Months Ended March 31, 2014		
	MRD	MEMP (in thousands)	Combined Totals
Net income (loss)	\$ 8,362	\$ (34,057)	\$ (25,695)
Interest expense, net	17,974	16,078	34,052
Income tax expense (benefit)	25	75	100
DD&A	30,127	26,745	56,872
Accretion of AROs	164	1,357	1,521
(Gain) loss on commodity derivative instruments	12,716	46,766	59,482
Cash settlements received (paid) on commodity derivative instruments	(5,221)	(7,969)	(13,190)
Gain on sale of properties	(110)		(110)
Acquisition related costs		1,894	1,894
Incentive unit-based compensation expense	1,023	1,295	2,318
Exploration costs	140	6	146
Provision for environmental remediation		2,852	2,852
Non-cash equity (income) loss from MEMP	2,986		2,986
Cash distributions from MEMP	3,002		3,002
Adjusted EBITDA	\$ 71,188	\$ 55,042	\$ 126,230

	<b>Ended March 31, 2013</b>		
	MRD	MEMP (in thousands)	Combined Totals
Net income (loss)	\$ 2,084	\$ (4,297)	\$ (2,213)
Interest expense, net	2,828	6,542	9,370
DD&A	23,084	20,391	43,475
Accretion of AROs	185	1,145	1,330
(Gain) loss on commodity derivative instruments	9,476	13,069	22,545
Cash settlements received (paid) on commodity derivative instruments	3,986	7,117	11,103

For the Three Months

Gain on sale of properties		(1,983)	(1,983)
Acquisition related costs	42	215	257
Incentive unit-based compensation expense		422	422
Exploration costs	629	227	856
Non-cash equity (income) loss from MEMP	2,123		2,123
Cash distributions from MEMP	6,322		6,322
Adjusted EBITDA	\$ 50,759	\$ 42,848	\$ 93,607

# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

# NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

### COMBINED FINANCIAL STATEMENTS

The following table presents a reconciliation of total reportable segments Adjusted EBITDA to net income (loss) for each of the periods indicated.

	For the Thr Ended M	
	2014	2013
	(in thou	sands)
Total Reportable Segments Adjusted EBITDA	\$ 126,230	\$ 93,607
Adjustment to reconcile Adjusted EBITDA to net income (loss):		
Interest expense, net	(34,052)	(9,370)
Income tax benefit (expense)	(100)	
DD&A	(57,679)	(43,205)
Accretion of AROs	(1,521)	(1,330)
Losses (gains) on commodity derivative instruments	(59,482)	(22,545)
Cash settlements paid (received) on commodity derivative instruments	13,190	(11,103)
Gain on sale of properties	110	1,983
Acquisition related costs	(1,894)	(257)
Unit-based compensation expense	(2,318)	(422)
Exploration costs	(146)	(856)
Provision for environmental remediation	(2,852)	
Cash distributions from MEMP	(3,002)	(6,322)
Net income (loss)	\$ (23,516)	\$ 180

# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

# NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

### COMBINED FINANCIAL STATEMENTS

Included below is our consolidated and combined statement of operations disaggregated by reportable segment for the period indicated:

For	the	Three	M	onths	
Fnd	A Na	Jarch	31	2014	

	MRD	MEMP (in t	Other, Adjustments & Eliminations thousands)	Consolidated and Combined Totals
Revenues:				
Oil & natural gas sales	\$ 89,618	\$ 100,299	\$	\$ 189,917
Other revenues	248	678	(15)	911
Total revenues	89,866	100,977	(15)	190,828
Costs and expenses:				
Lease operating	5,709	27,988	(15)	33,682
Pipeline operating		489		489
Exploration	140	6		146
Production and ad valorem taxes	3,000	5,584		8,584
Depreciation, depletion, and amortization	30,127	26,745	807	57,679
General and administrative	8,804	9,958		18,762
Accretion of asset retirement obligations	164	1,357		1,521
(Gain) loss on commodity derivative instruments	12,716	46,766		59,482
(Gain) loss on sale of properties	(110)			(110)
Other, net		(12)		(12)
Total costs and expenses	60,550	118,881	792	180,223
Operating income (loss)	29,316	(17,904)	(807)	10,605
Other income (expense):				
Interest expense, net	(17,974)	(16,078)		(34,052)
Earnings from equity investments	(2,986)		2,986	
Other, net	31			31
Total other income (expense)	(20,929)	(16,078)	2,986	(34,021)
Income (loss) before income taxes	8,387	(33,982)	2,179	(23,416)
Income tax benefit (expense)	(25)	(75)		(100)
Net income (loss)	\$ 8,362	\$ (34,057)	\$ 2,179	(23,516)

# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

# NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

# COMBINED FINANCIAL STATEMENTS

For the Three Months Ended March 31, 2013

	MRD	MEMP (iı	Other, Adjustments & Eliminations n thousands)	Consolidated and Combined Totals
Revenues:				
Oil & natural gas sales	\$ 54,038	\$ 67,588	\$	\$ 121,626
Other revenues	124	514	(83)	555
Total revenues	54,162	68,102	(83)	122,181
Costs and expenses:				
Lease operating	5,077	21,371	(84)	26,364
Pipeline operating		470		470
Exploration	629	227		856
Production and ad valorem taxes	3,406	3,880		7,286
Depreciation, depletion, and amortization	23,084	20,391	(269)	43,206
General and administrative	5,273	7,313		12,586
Accretion of asset retirement obligations	185	1,145		1,330
(Gain) loss on commodity derivative instruments	9,476	13,069		22,545
(Gain) loss on sale of properties		(1,983)		(1,983)
Other, net		(26)	26	
Total costs and expenses	47,130	65,857	(327)	112,660
Operating income	7,032	2,245	244	9,521
Other income (expense):				
Interest expense, net	(2,828)	(6,542)		(9,370)
Earnings from equity investments	(2,123)		2,123	
Other, net	3		26	29
Total other income (expense)	(4,948)	(6,542)	2,149	(9,341)
Income (loss) before income taxes	2,084	(4,297)	2,393	180
Income tax benefit (expense)	·	, , ,		
Net income (loss)	\$ 2,084	\$ (4,297)	\$ 2,393	\$ 180

### Note 14. Commitments and Contingencies

Litigation & Environmental

As part of our normal business activities, we may be named as defendants in litigation and legal proceedings, including those arising from regulatory and environmental matters. Although we are insured against various risks to the extent we believe it is prudent, there is no assurance that the nature and amount of such insurance will be adequate, in every case, to indemnify us against liabilities arising from future legal proceedings. We are not aware of any litigation, pending or threatened, that we believe is reasonably likely to have a significant adverse effect on our financial position, results of operations or cash flows.

At March 31, 2014 and December 31, 2013, we had \$3.4 million and \$0.6 million of environmental reserves recorded on our balance sheets, respectively. During the three months ended March 31, 2014, MEMP recorded \$2.9 million of estimated environmental remediation expenses associated with its Permian and Wyoming oil and gas properties. These expenses are reflected as a component of lease operating expenses on our statement of

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

#### COMBINED FINANCIAL STATEMENTS

operations. Environmental costs for remediation are accrued when environmental remediation efforts are probable and the costs can be reasonably estimated. Such accruals are based on management s best estimate of the ultimate cost to remediate a site and are adjusted as further information and circumstances develop. Those estimates may change substantially depending on information about the nature and extent of contamination, appropriate remediation technologies and regulatory approvals.

### Supplemental Bond for Decommissioning Liabilities Trust Agreement

The trust account is held by REO for the benefit of all working interest owners. The following is a summary of the gross held-to-maturity investments held in the trust account less the outside working interest owners share as of March 31, 2014 (in thousands):

	Amortized
Investment	Cost
U.S. Bank Money Market Cash Equivalent	\$ 129,728
Less: Outside working interest owners share	(62,594)
	\$ 67,134

The trust account must maintain minimum balances attributable to REO s net working interest as follows (in thousands):

June 30, 2014	\$ 68,310
June 30, 2015	\$ 72,450
June 30, 2016	\$ 76,590
December 31, 2016	\$ 78,660

As of March 31, 2014, the maximum remaining obligation net to REO s interest was approximately \$11.5 million.

### Processing Plant Expansions by Third Party Gatherer

In 2012, WildHorse Resources contracted with Regency Field Services LLC (the Gatherer) to expand their Dubach processing plant by up to 70 MMcf per day among other facility and infrastructure improvements. The expansion project was complete and fully operational by July 2013. WildHorse will pay a payback demand fee until the payback demand fees received by the Gatherer plus any third party fees equal 110% of the new facility cost. For each month from the commencement date through the month in which the payout date occurs, WildHorse Resources will

pay a payback demand fee equal to the monthly demand quantity (136,200 MMBtu per day) times \$0.26 per MMBtu. In addition, for each MMBtu gathered in excess of the demand quantity, WildHorse Resources will pay a payback demand fee of \$0.26 per MMBtu.

In 2013, WildHorse Resources contracted with the Gatherer to build a new high pressure pipeline from the dedicated area to the Gatherer s Dubberly processing plant in Webster Parish, LA amongst other pipeline and infrastructure improvements. The expansion project was complete and fully operational by mid-December 2013. WildHorse Resources will pay a payback demand fee until the payback demand fees received by the Gatherer plus any third party fees equal to 110% of the pipeline and infrastructure improvement costs. For each month from the commencement date through the month in which the payout date occurs, WildHorse Resources will pay a payback demand fee equal to the monthly demand fee times \$0.31 per MMBtu. In addition, for each MMBtu gathered in excess of the demand quantity, WildHorse Resources will pay a payback demand fee of \$0.31 per MMBtu. The monthly demand quantity is 56,750 MMBtu per day from the Dubberly start-up date through one full year thereafter and then increasing to 113,500 MMBtu per day until payout.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

#### COMBINED FINANCIAL STATEMENTS

The contract with the Gatherer for the Dubach processing plant was amended effective February 1, 2014 where the payback demand fee for the Dubach processing plant increased from \$0.26 to \$0.275 cents per MMbtu. Also, the contract with the Gatherer for the new high pressure pipeline was amended effective February 1, 2014 where the payback demand fee decreased from \$0.31 to \$0.275 cents per MMbtu.

WildHorse Resources minimum commitments to the Gatherer, before other owner contributions, as of February 1, 2014 were as follows (in thousands):

	Dubach	Dubberly
2014	\$ 12,510	\$ 5,212
2015	13,671	11,393
2016	13,709	11,424
2017	13,671	11,393
2018	12,772	10,643
Total	\$ 66,333	\$ 50,065

### Gas Processing Agreement

On March 17, 2014, WildHorse Resources entered into a gas processing agreement with PennTex North Louisiana, LLC (PennTex). PennTex is a joint venture among certain affiliates of NGP in which MRD Midstream owns a noncontrolling interest. Once PennTex s processing plant becomes operational, it will process natural gas produced from wells located on certain leases owned by WildHorse Resources in the state of Louisiana. The agreement has a 15-year primary term, subject to one year extensions at either party s election. WildHorse will pay PennTex a monthly fee, subject to an annual inflationary escalation, based on volumes of natural gas delivered and processed. Once the plant is declared operational, WildHorse will be obligated to pay a minimum processing fee equal to approximately \$18.3 million on an annual basis, subject to certain adjustments and conditions. The gas processing agreement requires that the processing plant be operational no later than November 1, 2015.

### **Note 15. Subsequent Events**

In preparing the consolidated and combined financial statements, management has evaluated all subsequent events and transactions for potential recognition or disclosure through May 27, 2014, the date the consolidated and combined financial statements were available for issuance.

# Common Control Acquisition

On April 1, 2014, MEMP acquired certain oil and natural gas producing properties in East Texas from WildHorse Resources for approximately \$33.9 million in cash consideration, including estimated customary post-closing adjustments. This transaction was financed with borrowings under MEMP s revolving credit facility. The acquired properties primarily represent additional working interests in wells currently owned by MEMP and located primarily in Polk and Tyler Counties in the Double A Field of East Texas, as well as the Sunflower, Segno and Sugar Creek Fields.

3<sup>rd</sup> Party Acquisition

On May 5, 2014, MEMP announced that it entered into a definitive purchase and sale agreement with Merit Energy Company, LLC and certain of its affiliates to acquire oil and natural gas liquids properties in Wyoming for an aggregate purchase price of approximately \$935 million, subject to customary purchase price adjustments

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# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

# NOTES TO UNAUDITED CONDENSED CONSOLIDATED AND

### COMBINED FINANCIAL STATEMENTS

(the Acquisition ). The Acquisition is subject to customary closing conditions and is expected to close in July 2014. The Acquisition has an effective date of April 1, 2014. MEMP expects to finance the purchase price for the Acquisition initially with borrowings under its revolving credit facility.

### Divestiture

On May 9, 2014, Golden Energy Partners LLC sold certain producing and non-producing properties in the Mississippian oil play of Northern Oklahoma to a third party for cash consideration of approximately \$6.7 million, subject to customary post-closing adjustments.

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# REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Board of Managers
Memorial Resource Development LLC:
We have audited the accompanying consolidated and combined balance sheets of Memorial Resource Development LLC and subsidiaries (the Company) as of December 31, 2013 and 2012, and the related consolidated and combined statements of operations, equity, and cash flows for the years then ended. In connection with our audits of the consolidated and combined financial statements, we also have audited Schedule I Condensed Financial Information (Schedule I). These consolidated and combined financial statements and Schedule I are the responsibility of the Company s management. Our responsibility is to express an opinion on these consolidated and combined financial statements and Schedule I based on our audits.
We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audit included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company s internal control over financial reporting. Accordingly, we express no such opinion. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.
In our opinion, the consolidated and combined financial statements referred to above present fairly, in all material respects, the financial position of Memorial Resource Development LLC and subsidiaries as of December 31, 2013 and 2012, and the results of their operations and their cash flows for each of the years then ended in conformity with U.S. generally accepted accounting principles. Also in our opinion, the related Schedule I, when considered in relation to the basic consolidated and combined financial statements taken as a whole, present fairly, in all material respects, the information set forth therein.
As discussed in Note 1 to the consolidated and combined financial statements, the balances sheets, and the related statements of operations, equity, and cash flows have been prepared on a combined basis of accounting.
/s/ KPMG LLP
Dallas, Texas
April 4, 2014

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# ${\bf MEMORIAL\ RESOURCE\ DEVELOPMENT\ LLC\ (PREDECESSOR)}$

# CONSOLIDATED AND COMBINED BALANCE SHEETS

# (In thousands)

	Decen 2013	nber 31, 2012	
ASSETS			
Current assets:			
Cash and cash equivalents	\$ 77,721	\$ 49,391	
Restricted cash	35,000	2,013	
Accounts receivable:			
Oil and natural gas sales	68,764	64,128	
Joint interest owners and other	19,958	17,701	
Affiliates	4,652	77	
Short-term derivative instruments	9,289	41,921	
Prepaid expenses and other current assets	19,513	13,577	
Total current assets	234,897	188,808	
Property and equipment, at cost:			
Oil and natural gas properties, successful efforts method	3,037,298	2,637,466	
Other	10,331	9,920	
Accumulated depreciation, depletion and impairment	(627,925)	(471,949)	
Oil and natural gas properties, net	2,419,704	2,175,437	
Long-term derivative instruments	48,616	17,179	
Restricted investments	73,385	68,024	
Restricted cash	15,506		
Other long-term assets	37,053	9,856	
Total assets	\$ 2,829,161	\$ 2,459,304	
LIABILITIES AND EQUITY			
Current liabilities:			
Accounts payable	\$ 20,734	\$ 36,633	
Accounts payable affiliates	1,975		
Revenues payable	56,091	50,967	
Accrued liabilities	98,130	33,487	
Short-term derivative instruments	9,711	4,667	
Total current liabilities	186,641	125,754	
Long-term debt MRD Segment	871,150	309,200	
Long-term debt MEMP Segment	792,067	630,182	
Asset retirement obligations	111,679	101,990	
Long-term derivative instruments	6,080	11,623	
Other long-term liabilities	3,412	3,846	
Total liabilities	1,971,029	1,182,595	
Commitments and contingencies (Note 14)			
Equity:			
Members	237,186	811,614	
Previous owners (Note 1)	40,331	233,433	

Total members equity Noncontrolling interest	277,517 580,615	1,045,047 231,662
Total equity	858,132	1,276,709
Total liabilities and equity	\$ 2,829,161	\$ 2,459,304

See Accompanying Notes to Consolidated and Combined Financial Statements.

# ${\bf MEMORIAL\ RESOURCE\ DEVELOPMENT\ LLC\ (PREDECESSOR)}$

# STATEMENTS OF CONSOLIDATED AND COMBINED OPERATIONS

# (In thousands)

	For Year Endo 2013	For Year Ended Decemb 2013 20			
Revenues:					
Oil & natural gas sales	\$ 571,948	\$	393,631		
Other revenues	3,075		3,237		
Total revenues	575,023		396,868		
Costs and expenses:					
Lease operating	113,640		103,754		
Pipeline operating	1,835		2,114		
Exploration	2,356		9,800		
Production and ad valorem taxes	27,146		23,624		
Depreciation, depletion, and amortization	184,717		138,672		
Impairment of proved oil and natural gas properties	6,600		28,871		
General and administrative	125,358		69,187		
Accretion of asset retirement obligations	5,581		5,009		
(Gain) loss on commodity derivative instruments	(29,294)		(34,905)		
(Gain) loss on sale of properties	(85,621)		(9,761)		
Other, net	649		502		
Total costs and expenses	352,967		336,867		
Operating income	222,056		60.001		
Other income (expense):	<b></b> ,		00,001		
Interest expense, net	(69,250)		(33,238)		
Amortization of investment premium	(,,		(194)		
Other, net	145		535		
Total other income (expense)	(69,105)		(32,897)		
Income before income taxes	152,951		27,104		
Income tax benefit (expense)	(1,619)		(107)		
Net income	151,332		26,997		
Net income (loss) attributable to noncontrolling interest	49,830		(2,701)		
Net income (loss) attributable to Memorial Resource Development LLC	\$ 101,502	\$	29,698		
Net income (loss) attributable to members	\$ 90,712	\$	(7,620)		
Net income (loss) attributable to previous owners (Note 1)	10,790	4	37,318		
Net income (loss) attributable to Memorial Resource Development LLC	\$ 101,502	\$	29,698		
			25.10		
Income before income taxes	152,951		27,104		
Pro forma provision for income taxes (Note 2)	(55,154)		(9,592)		

Pro forma net income	\$	97,797	\$ 17,512
Pro forma basic earnings per share (Note 2)	\$	0.31	\$ (0.03)
Pro forma diluted earnings per share (Note 2)	\$	0.30	\$ (0.03)
Pro forma basic weighted average shares outstanding	1	92,500	192,500
Pro forma diluted weighted average shares outstanding	1	93,568	193,568

See Accompanying Notes to Consolidated and Combined Financial Statements.

# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

# STATEMENTS OF CONSOLIDATED AND COMBINED CASH FLOWS

# (In thousands)

Cash flows from operating activities:         s         151,332         \$26,997           Net income         \$151,332         \$26,997           Adjustments to reconcile net income to net cash provided by operating activities:         Temperature of oil and natural gas properties         6,600         \$28,871           Unapariment of oil and natural gas properties         6,600         \$28,871           Cash settlements on derivative instruments         30,403         \$20,323           Cash settlements on derivative instruments         30,403         \$20,325           Premiums paid for derivatives         4(11)         6(12)           Deferred income tax expense cherefit)         76         (312)           Amortization of loan origination costs         8,343         3,584           Accretion of senior notes net discount         55         1         50           Accretion of investment premium         5,581         5,009         5,009           Accretion of asser retirement obligations         5,581         5,009         5,009           Accretion of asser retirement obligations         5,581         5,009         7,01           Accretion of asser retirement obligations         5,581         5,009         7,01           Accretion of send feeding equity awards         3,557         1,423         1,00	For Ye 2013		December 31, 2012
Net income	Cash flows from operating activities:		_,
Operciation, depletion, and amortization         184,171         38,872           Impairment of laid natural gas properties         6,600         28,871           Cash settlements on derivative instruments         30,403         72,045           Penniums paid for derivatives         (411)           Deferred income tax expense (benefit)         76         (312)           Amortization of loan origination costs         3,581         5,581           Accretion of senior notes net discount         5,581         5,009           Amortization of livestiment premium         5,581         5,009           Accretion of sear et retirement obligations         5,581         5,009           Amortization of MEMP equity awards         5,581         5,009           Cisian lissos and sel of properties         (8,5621)         (9,761)           Non-cask compensation expense         181         6,980           Charges in operating assets and liabilities         181         6,980           Charges in operating assets and liabilities         181         6,980           Pepade expenses and other         (2,986)         15,732         24,040           Pepade expenses and other         (2,986)         16,734         24,040           Cash flows from investing activities         10,5762         36,067		\$ 151,332	\$ 26,997
Operciation, depletion, and amortization         184,171         38,872           Impairment of laid natural gas properties         6,600         28,871           Cash settlements on derivative instruments         30,403         72,045           Penniums paid for derivatives         (411)           Deferred income tax expense (benefit)         76         (312)           Amortization of loan origination costs         3,581         5,581           Accretion of senior notes net discount         5,581         5,009           Amortization of livestiment premium         5,581         5,009           Accretion of sear et retirement obligations         5,581         5,009           Amortization of MEMP equity awards         5,581         5,009           Cisian lissos and sel of properties         (8,5621)         (9,761)           Non-cask compensation expense         181         6,980           Charges in operating assets and liabilities         181         6,980           Charges in operating assets and liabilities         181         6,980           Pepade expenses and other         (2,986)         15,732         24,040           Pepade expenses and other         (2,986)         16,734         24,040           Cash flows from investing activities         10,5762         36,067	Adjustments to reconcile net income to net cash provided by operating activities:		
Impairment of oil and natural gas properties (05a) 30 (20.333) (20.335) (		184,717	138,672
(Gain) loss on derivative instruments         39,333         (29,335)           Clash settlements on derivative instruments         39,403         72,045           Premiums paid for derivatives         (411)           Deferred income tax expense (benefit)         6         (312)           Amortization of loan origination costs         35,84         3,584           Accretion of sactive retriement obligations         5,81         5,00           Accretion of asset retriement obligations         3,57         1,42           Accretion of sactive retriement obligations         3,587         1,42           Accretion of sactive retriement obligations         3,581         5,00           Accretion of sactive retriement obligations         3,587         1,42           Colin loss on sale of properties         8,581         6,90           Changes in operating sactivities         1,07         1,08           Exploration costs         1,07         1,08           Accounts receivable         1,558         6,98           Changes in operating sacts and liabilities         2,78         1,58           Receivable of cash flows from investing activities         2,78         2,94           Cash flows from investing activities         3,06         6,0,678           Acquisition of oil and a		6,600	28.871
Cash settlements on derivative instruments         (411)           Deferend income tax expense (henefit)         (5 d)           Amortization of loan origination costs         8.343           Accretion of senior notes and discount         194           Accretion of senior notes and discount         194           Accretion of asset retirement obligations         5.581         5.090           Amortization of IMEMP equity wards         3.557         1.423           (Gin) loss on sale of properties         (8.562)         (9.761)           Non-cash compensation expense         181         6.980           Exploration costs         181         6.980           Changes in operating assets and liabilities         181         6.980           Caccounts received able         (15,758)         7.382           Prepaid expenses and occrued liabilities         19,320         5.39           Vect cash provided by operating activities         27,823         240,404           Cash flows from inveeting activities         27,823         240,404           Cash flows from inveeting activities         305,072         3.304,304           Additions to other property and equipment         (3,541)         4.594           Additions to other property and equipment         (3,541)         4.9347         3		•	
Penniums paid for derivatives         (411)           Deferred income tax expense (benefit)         36         (312)           Amortzation of Ioan origination costs         8.343         3.584           Accretion of senior notes and discount         554         194           Accretion of assert retirement obligations         5.58         5.00           Amortization of investment premium         194         6.00           Accretion of assert retirement obligations         3.557         1.423           Cloin Joss on sale of propertices         1087         1.223           Cloin Joss on sale of propertices         1087         181         6.980           Exploration costs         181         6.980         1.578         1.580         (7.382)         1.580         (7.382)         1.598         (7.382)         1.598         (7.382)         1.598         (7.382)         1.598         (7.382)         1.598         (7.382)         2.40,404         1.599         <		* * * * * * * * * * * * * * * * * * * *	
Deferencia income tax expease (henefit)         3,534         3,538           Accretion of senior notes net discount         554         1           Accretion of senior notes net discount         554         1           Accretion of senior notes net discount         5,581         5,000           Accretion of asset retirement obligations         5,581         5,000           Amortization of MEMP equity awards         3,557         1,423           Claim) loss on sale of properties         (85,621)         (9,761)           Non-cask compensation expense         110,57         10,57           Exploration coxy         181         6,980           Charges in operating assets and liabilities:         11,57         7,382           Pepad expenses and other         12,980         (1,574)           Payables and accruel liabilities         19,320         5,392           Vex cash provided by operating activities         27,823         240,404           Cash flows from investing activities         (105,762)         3,606,788           Additions to oil and natural gas properties         (105,762)         3,637,334           Additions to extricted investments         (3,61)         4,599           Additions to extricted investments         (3,61)         4,599           A		,	
Amortization of loan origination costs         8,348         3,584           Accretion of senior notes ent discount         5,94         194           Amortization of investment premium         5,581         5,000           Accretion of asset retirement obligations         3,557         1,423           Cacin Joss on sale of properties         10,57         1,223           Exploration costs         181         6,980           Changes in operating assets and liabilities         (15,788)         (7,382)           Accounts receivable         (2,986)         (1,574)           Prepaid expenses and other         (2,986)         (1,574)           Payables and accrued liabilities         19,320         5,392           Net cash provided by operating activities         277,823         240,404           Cash flows from investing activities         277,823         240,404           Cash flows from investing activities         (105,762)         360,678           Additions to oil and natural gas properties         (105,762)         360,678           Additions to oil and gas properties         (30,011)         (273,349)           Additions to extricted investments         (5,361)         (49,347)         (3)           Orbert         (2,572)         (3,572)         (3,572)		76	
Accretion of senior notes net discount         554           Amortization of investment premium         194           Accretion of asset retirement obligations         5,881         5,000           Amortization of MEMP equity awards         3,557         1,423           (Gain) loss on sale of properties         (85,621)         (9,761)           Non-cash compensation expense         1,057         7,382           Exploration costs         11,57         7,382           Changes in operating assets and liabilities:         (15,788)         7,382           Prepaid expenses and other         (2,986)         (1,574)           Payables and accrued liabilities         19,320         3,302           Net cash provided by operating activities         277,823         240,404           Cash flows from investing activities:         2         3,000,678           Additions to oil and natural gas properties         (105,762)         360,678           Additions to other property and equipment         (2,670)         (2,734)           Additions to extricted investments         (5,361)         (4,599)           Additions to extricted acts         (49,347)         (3)         (30,678)           Additions to extricted acts         (49,347)         (3)         (30,678) <th< td=""><td></td><td></td><td></td></th<>			
Amortization of investment premium         5.81         5.000           Acceretion of asset retirement obligations         5.81         5.000           Amortization of MEMP equity awards         3.557         1.423           Clain) loss on sale of properties         (85.61)         0.761           Exploration costs         181         6,980           Changes in operating assets and liabilities:         (15.758)         (7.352)           Accounts receivable         (15.758)         (7.352)           Prepaid expenses and other         (20.86)         (1.574)           Payables and accrued liabilities         19.320         5.392           Net cash provided by operating activities         277.823         240,404           Cash flows from investing activities         277.823         240,404           Cash provided by operating activities         3.061,512         3.061,513           Additions to oil and natural gas properties         (10.5762)         3.060,618           Additions to other property and equipment         2.060,015         273.34           Additions to other property and equipment         3.07,000         3.07,100           Other         1.057,12         3.051           Other         1.057,12         3.051           Other         1.057			3,301
Accretion of asset retirement obligations         5,881         5,000           Amoritzation of MEMP equity awards         3,557         1,423           (Gain) loss on sale of properties         (85,621)         (9,761)           Non-cash compensation expense         1,007           Exploration costs         (15,758)         (7,382)           Changes in operating assets and liabilities:         (15,758)         (7,382)           Prepaid expenses and other         (2,986)         (1,574)           Payables and accrued liabilities         19,320         5,392           Net cash provided by operating activities         277,823         240,404           Cash flows from investing activities         277,823         240,404           Cash flows from investing activities         (105,762)         (360,678)           Acquisition of oil and natural gas properties         (105,762)         (360,678)           Additions to restricted investments         (5,361)         (4,594)           Additions to restricted cash         (49,347)         (3           Additions to restricted cash         (49,347)         (3           Proceeds from the sale of oil and gas properties         (5,561)         (4,574)           Additions to restricted cash         (15,572)         (3,574)           <		331	194
Amortization of MEMP equity awards         3,557         1,423           (Gain Joss on sale of properties         (8,5621)         (9,761)           Non-cash compensation expense         1,057           Exploration costs         181         6,980           Changes in operating assets and liabilities:         15,758         (7,382)           Accounts receivable         (2,986)         (1,574)           Prepaid expenses and other         (2,986)         (1,574)           Verbagables and accrued liabilities         19,320         5,392           Net cash provided by operating activities         277,823         240,404           Cash flows from investing activities:	*	5 581	
(Gain Joss on sale of properties         (8.5.621)         (9.761)           Non-cash compensation expense         1,057           Exploration costs         181         6,980           Changes in operating assets and liabilities         (15,758)         (7,382)           Prepaid expenses and other         (2,986)         (1,574)           Payables and accrued liabilities         19,320         5,392           Net cash provided by operating activities         277,823         240,404           Cash flows from investing activities         277,823         240,404           Cash flows from investing activities         (105,762)         (360,678)           Additions to all and gas properties         (360,015)         (273,334)           Additions to restricted investments         (5,361)         (4,599)           Additions to restricted cash         (49,347)         (3           Additions to restricted cash         (49,347)         (3           Proceeds from the sale of oil and gas properties         (367,443)         (666,738)           Restard used in investing activities         (367,443)         (666,738)           Cash flows from financing activities         (367,443)         (666,738)           Cash flows from financing activities         (1,760,037)         (251,569) <t< td=""><td></td><td></td><td></td></t<>			
Non-cash compensation expense         1,057           Exploration costs         18         6,980           Changes in operating assets and liabilities:         (15,758)         7,382           Accounts receivable         (2,986)         (1,574)           Prepaid expenses and other         (2,986)         (1,574)           Payables and accrued liabilities         19,320         5,392           Net cash provided by operating activities         277,823         240,404           Cash flows from investing activities         (105,762)         (360,678)           Additions to oil and pas properties         (105,762)         (360,678)           Additions to restricted investing activities         (5,361)         (4,594)           Additions to other property and equipment         (2,670)         (2,674)           Additions to restricted cash         (49,347)         (3)           Orticeceds from the sale of oil and gas properties         (36,161)         (49,347)         (3)           View cash used in investing activities         (36,161)         (49,347)         (30,31)           Obtain         (36,041)         (36,041)         (40,673)         (60,738)           Cash flows from financing activities         (36,041)         (40,002)         (21,542)         (41,175)         (35			
Exploration costs		· · · · · · · · · · · · · · · · · · ·	(9,701)
Changes in operating assets and liabilities:   Accounts receivable   (15,758) (7,382)     Pepaid expenses and other   (2,986) (1,574)     Payables and accrued liabilities   (19,320) (5,320)     Net cash provided by operating activities   (277,823) (240,404)     Cash flows from investing activities   (105,762) (360,678)     Additions to oil and gas properties   (105,762) (360,678) (			6.000
Accounts receivable         (15,758)         (7,382)           Prepaid expenses and other         (2,986)         (1,574)           Payables and accrued liabilities         19,320         5,392           Net cash provided by operating activities         277,823         240,404           Cash flows from investing activities:		101	0,980
Prepaid expenses and other         (2,986)         (1,574)           Payables and accrued liabilities         19,320         5,392           Net cash provided by operating activities         277,823         240,404           Cash flows from investing activities:		(15.750)	(7.202)
Payables and accrued liabilities         19,320         5,392           Net cash provided by operating activities         277,823         240,404           Cash flows from investing activities:         327,823         240,404           Acquisition of oil and natural gas properties         (105,762)         (360,678)           Additions to restricted investments         (360,015)         (273,334)           Additions to their property and equipment         (2,670)         (2,674)           Additions to restricted cash         (49,347)         (3)           Proceeds from the sale of oil and gas properties         155,712         34,521           Other         29           Net cash used in investing activities         36,743         (606,738)           Cash flows from financing activities         31,132,755         619,450           Payments on revolving credit facility         1,132,755         619,450           Payments on revolving credit facility         1,132,755         619,450           Payments on revolving credit facility         325,000         97           Proceeds from the issuances of senior notes         1,214         44,072           Porceeds from the issuances of senior notes         1,214         44,072           Proceeds from changes in ownership interests of MEMP         135,012 <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td>		· · · · · · · · · · · · · · · · · · ·	
Net cash provided by operating activities         277,823         240,404           Cash flows from investing activities:         (105,762)         360,678)           Acquisition of oil and natural gas properties         (360,015)         (273,334)           Additions to oiland gas properties         (5,361)         (4,599)           Additions to other property and equipment         (2,670)         (2,674)           Additions to restricted cash         (49,347)         (3)           Proceeds from the sale of oil and gas properties         155,712         34,521           Other         3(367,443)         (606,738)           Net cash used in investing activities         (367,443)         (606,738)           Cash flows from financing activities         (367,443)         (606,738)           Payments on revolving credit facility         1,132,755         619,450           Payments on revolving credit facility         1,132,755         619,450           Payments on revolving credit facility         1,132,755         619,450           Porceads from the issuance			
Cash flows from investing activities:           Acquisition of oil and natural gas properties         (105,762)         (360,678)         Additions to coll and gas properties         (360,015)         (273,334)         Additions to restricted investments         (5,361)         (4,599)         Additions to other property and equipment         (2,670)         (2,674)         Additions to restricted cash         (49,347)         (3)         Additions to restricted cash         (49,347)         (3)         Additions to restricted cash         (5,511)         34,521         Additions to restricted cash         (49,347)         (3)         48,521         Other         29         Additions to restricted cash         (49,347)         (3)         48,521         Other         29         Other         29         Additions to restricted cash         (49,347)         (3)         48,521         Other         29         Other         20         Other         20         10	Payables and accrued habilities	19,320	5,392
Acquisition of oil and natural gas properties         (360,678)         (360,015)         (273,334)           Additions to oil and gas properties         (5,61)         (4,579)           Additions to other property and equipment         (2,670)         (2,674)           Additions to restricted cash         (49,347)         (3           Proceeds from the sale of oil and gas properties         155,712         34,521           Other         29           Net cash used in investing activities         (367,443)         (606,738)           Cash flows from financing activities         3(37,443)         (606,738)           Cash flows from financing activities         1,132,755         619,450           Payments on revolving credit facility         (1,766,037)         (251,569)           Loan origination fees         (41,175)         (3,501)           Borrowings under second lien credit facility         325,000           Proceeds from the issuances of senior notes         1,031,563           Purchase of additional interests in consolidated subsidiaries         (15,135)           Contributions from previous owners         1,214         44,072           Proceeds from MEMP public equity offering         511,204         202,573           Costs incurred in conjunction with MEMP public equity offering         21,013 <t< td=""><td>Net cash provided by operating activities</td><td>277,823</td><td>240,404</td></t<>	Net cash provided by operating activities	277,823	240,404
Additions to oil and gas properties         (360,015)         (273,334)           Additions to restricted investments         (5,361)         (4,599)           Additions to restricted cash         (49,347)         (3)           Proceeds from the sale of oil and gas properties         155,712         34,521           Other         29           Net cash used in investing activities         (367,443)         (606,738)           Cash flows from financing activities         (367,443)         (606,738)           Cash flows from financing activities         (367,443)         (606,738)           Payments on revolving credit facility         1,132,755         619,450           Payments on revolving credit facility         (1,766,037)         (251,569)           Loan origination fees         (41,175)         (35,01)           Borrowings under second lien credit facility         325,000         97           Proceeds from the issuances of senior notes         1,031,563         1,031,563           Purchase of additional interests in consolidated subsidiaries         (15,135)         1,000           Contributions from previous owners         1,214         44,072           Proceeds from changes in ownership interests of MEMP         351,002         1,000           Proceeds from MEMP public equity offering <td< td=""><td>Cash flows from investing activities:</td><td></td><td></td></td<>	Cash flows from investing activities:		
Additions to restricted investments         (5,361)         (4,599)           Additions to other property and equipment         (2,670)         (2,674)           Additions to restricted cash         (49,347)         (3)           Proceeds from the sale of oil and gas properties         155,712         34,521           Other         29           Net cash used in investing activities         (367,443)         (606,738)           Cash flows from financing activities         1,132,755         619,450           Payments on revolving credit facility         1,132,755         619,450           Payments on revolving credit facility         (1,766,037)         (251,569)           Loan origination fees         (41,175)         (3,501)           Borrowings under second lien credit facility         325,000         10,000           Proceeds from the issuances of senior notes         1,031,563         10,000           Purchase of additional interests in consolidated subsidiaries         15,135         10,000           Contributions from previous owners         1,214         44,072           Proceeds from changes in ownership interests of MEMP         135,012         10,000           Proceeds from MEMP public equity offering         511,204         202,573           Costs incurred in conjunction with MEMP public equity of	Acquisition of oil and natural gas properties	(105,762)	(360,678)
Additions to other property and equipment         (2,670)         (2,674)           Additions to restricted cash         (49,347)         (3)           Proceeds from the sale of oil and gas properties         155,712         34,521           Other         29           Net cash used in investing activities         (367,443)         (606,738)           Cash flows from financing activities:         ***         ***           Advances on revolving credit facility         1,132,755         619,450           Payments on revolving credit facility         (1,766,037)         (251,569)           Loan origination fees         (41,175)         (3,501)           Borrowings under second lien credit facility         325,000         ***           Proceeds from the issuances of senior notes         1,031,563         ***           Purchase of additional interests in consolidated subsidiaries         (15,135)         ***           Contributions from previous owners         1,214         44,072           Proceeds from changes in ownership interests of MEMP         135,012         ***           Proceeds from MEMP public equity offering         511,204         202,573           Costs incurred in conjunction with MEMP public equity offering         2,103         45,158           Distributions to noncontrolling interests	Additions to oil and gas properties	(360,015)	(273,334)
Additions to restricted cash         (49,347)         (3)           Proceeds from the sale of oil and gas properties         155,712         34,521           Other         29           Net cash used in investing activities         (367,443)         (606,738)           Cash flows from financing activities:	Additions to restricted investments	(5,361)	(4,599)
Additions to restricted cash         (49,347)         (3)           Proceeds from the sale of oil and gas properties         155,712         34,521           Other         29           Net cash used in investing activities         (367,443)         (606,738)           Cash flows from financing activities:	Additions to other property and equipment	(2,670)	(2,674)
Proceeds from the sale of oil and gas properties         155,712         34,521           Other         29           Net cash used in investing activities         (606,738)           Cash flows from financing activities:         ****           Advances on revolving credit facility         1,132,755         619,450           Payments on revolving credit facility         (1,766,037)         (251,569)           Loan origination fees         (41,175)         (3,501)           Borrowings under second lien credit facility         325,000         ***           Proceeds from the issuances of senior notes         1,031,563         ***           Purchase of additional interests in consolidated subsidiaries         (15,135)         **           Contributions from previous owners         1,214         44,072           Proceeds from MEMP public equity offering         511,204         202,573           Costs incurred in conjunction with MEMP public equity offering         (21,066)         (8,268)           Contributions from NGP affiliates related to sale of properties         2,013         45,158           Distributions to noncontrolling interests         (78,083)         (15,208)           Distributions made by previous owners         (44,005)         (242,174)	Additions to restricted cash	(49,347)	(3)
Net cash used in investing activities         (367,443)         (606,738)           Cash flows from financing activities:         1,132,755         619,450           Advances on revolving credit facility         (1,766,037)         (251,569)           Payments on revolving credit facility         (141,175)         (3,501)           Borrowings under second lien credit facility         325,000           Proceeds from the issuances of senior notes         1,031,563           Purchase of additional interests in consolidated subsidiaries         (15,135)           Contributions from previous owners         1,214         44,072           Proceeds from MEMP public equity offering         511,204         202,573           Costs incurred in conjunction with MEMP public equity offering         (21,066)         (8,268)           Contributions from NGP affiliates related to sale of properties         2,013         45,158           Distributions to the Funds         (732,362)           Distribution to NGP affiliates (see Note 1)         (355,494)         (242,174)           Distributions made by previous owners         (4,005)         (28,772)	Proceeds from the sale of oil and gas properties	155,712	34,521
Cash flows from financing activities:           Advances on revolving credit facility         1,132,755         619,450           Payments on revolving credit facility         (1,766,037)         (251,569)           Loan origination fees         (41,175)         (3,501)           Borrowings under second lien credit facility         325,000           Proceeds from the issuances of senior notes         1,031,563           Purchase of additional interests in consolidated subsidiaries         (15,135)           Contributions from previous owners         1,214         44,072           Proceeds from changes in ownership interests of MEMP         135,012           Proceeds from MEMP public equity offering         511,204         202,573           Costs incurred in conjunction with MEMP public equity offering         (21,066)         (8,268)           Contributions from NGP affiliates related to sale of properties         2,013         45,158           Distributions to the Funds         (78,083)         (15,208)           Distribution to NGP affiliates (see Note 1)         (355,494)         (242,174)           Distributions made by previous owners         (4,005)         (28,772)			29
Advances on revolving credit facility         1,132,755         619,450           Payments on revolving credit facility         (1,766,037)         (251,569)           Loan origination fees         (41,175)         (3,501)           Borrowings under second lien credit facility         325,000         325,000           Proceeds from the issuances of senior notes         1,031,563         1,031,563           Purchase of additional interests in consolidated subsidiaries         (15,135)         1,214         44,072           Proceeds from previous owners         1,214         44,072         1,204         202,573           Proceeds from MEMP public equity offering         511,204         202,573         202,573           Costs incurred in conjunction with MEMP public equity offering         (21,066)         (8,268)           Contributions from NGP affiliates related to sale of properties         2,013         45,158           Distributions to the Funds         (732,362)         15,158           Distribution to NGP affiliates (see Note 1)         (355,494)         (242,174)           Distributions made by previous owners         (4,005)         (28,772)	Net cash used in investing activities	(367,443)	(606,738)
Payments on revolving credit facility         (1,766,037)         (251,569)           Loan origination fees         (41,175)         (3,501)           Borrowings under second lien credit facility         325,000           Proceeds from the issuances of senior notes         1,031,563           Purchase of additional interests in consolidated subsidiaries         (15,135)           Contributions from previous owners         1,214         44,072           Proceeds from MEMP public equity offering         135,012         15,1204         202,573           Costs incurred in conjunction with MEMP public equity offering         21,066         (8,268)           Contributions from NGP affiliates related to sale of properties         2,013         45,158           Distributions to the Funds         (732,362)           Distributions to noncontrolling interests         (78,083)         (15,208)           Distribution to NGP affiliates (see Note 1)         (355,494)         (242,174)           Distributions made by previous owners         (4,005)         (28,772)	Cash flows from financing activities:		
Payments on revolving credit facility         (1,766,037)         (251,569)           Loan origination fees         (41,175)         (3,501)           Borrowings under second lien credit facility         325,000           Proceeds from the issuances of senior notes         1,031,563           Purchase of additional interests in consolidated subsidiaries         (15,135)           Contributions from previous owners         1,214         44,072           Proceeds from MEMP public equity offering         135,012         15,1204         202,573           Costs incurred in conjunction with MEMP public equity offering         21,066         (8,268)           Contributions from NGP affiliates related to sale of properties         2,013         45,158           Distributions to the Funds         (732,362)           Distributions to noncontrolling interests         (78,083)         (15,208)           Distribution to NGP affiliates (see Note 1)         (355,494)         (242,174)           Distributions made by previous owners         (4,005)         (28,772)		1,132,755	619,450
Loan origination fees       (41,175)       (3,501)         Borrowings under second lien credit facility       325,000         Proceeds from the issuances of senior notes       1,031,563         Purchase of additional interests in consolidated subsidiaries       (15,135)         Contributions from previous owners       1,214       44,072         Proceeds from changes in ownership interests of MEMP       135,012         Proceeds from MEMP public equity offering       511,204       202,573         Costs incurred in conjunction with MEMP public equity offering       (21,066)       (8,268)         Contributions from NGP affiliates related to sale of properties       2,013       45,158         Distributions to the Funds       (732,362)         Distributions to noncontrolling interests       (78,083)       (15,208)         Distribution to NGP affiliates (see Note 1)       (355,494)       (242,174)         Distributions made by previous owners       (4,005)       (28,772)		(1,766,037)	(251,569)
Borrowings under second lien credit facility325,000Proceeds from the issuances of senior notes1,031,563Purchase of additional interests in consolidated subsidiaries(15,135)Contributions from previous owners1,21444,072Proceeds from changes in ownership interests of MEMP135,012Proceeds from MEMP public equity offering511,204202,573Costs incurred in conjunction with MEMP public equity offering(21,066)(8,268)Contributions from NGP affiliates related to sale of properties2,01345,158Distributions to the Funds(732,362)Distributions to noncontrolling interests(78,083)(15,208)Distribution to NGP affiliates (see Note 1)(355,494)(242,174)Distributions made by previous owners(4,005)(28,772)			(3,501)
Proceeds from the issuances of senior notes1,031,563Purchase of additional interests in consolidated subsidiaries(15,135)Contributions from previous owners1,21444,072Proceeds from changes in ownership interests of MEMP135,012Proceeds from MEMP public equity offering511,204202,573Costs incurred in conjunction with MEMP public equity offering(21,066)(8,268)Contributions from NGP affiliates related to sale of properties2,01345,158Distributions to the Funds(732,362)Distributions to noncontrolling interests(78,083)(15,208)Distribution to NGP affiliates (see Note 1)(355,494)(242,174)Distributions made by previous owners(4,005)(28,772)			
Purchase of additional interests in consolidated subsidiaries(15,135)Contributions from previous owners1,21444,072Proceeds from changes in ownership interests of MEMP135,012Proceeds from MEMP public equity offering511,204202,573Costs incurred in conjunction with MEMP public equity offering(21,066)(8,268)Contributions from NGP affiliates related to sale of properties2,01345,158Distributions to the Funds(732,362)Distributions to noncontrolling interests(78,083)(15,208)Distribution to NGP affiliates (see Note 1)(355,494)(242,174)Distributions made by previous owners(4,005)(28,772)	Proceeds from the issuances of senior notes		
Contributions from previous owners       1,214       44,072         Proceeds from changes in ownership interests of MEMP       135,012         Proceeds from MEMP public equity offering       511,204       202,573         Costs incurred in conjunction with MEMP public equity offering       (21,066)       (8,268)         Contributions from NGP affiliates related to sale of properties       2,013       45,158         Distributions to the Funds       (732,362)         Distributions to noncontrolling interests       (78,083)       (15,208)         Distribution to NGP affiliates (see Note 1)       (355,494)       (242,174)         Distributions made by previous owners       (4,005)       (28,772)			
Proceeds from changes in ownership interests of MEMP135,012Proceeds from MEMP public equity offering511,204202,573Costs incurred in conjunction with MEMP public equity offering(21,066)(8,268)Contributions from NGP affiliates related to sale of properties2,01345,158Distributions to the Funds(732,362)Distributions to noncontrolling interests(78,083)(15,208)Distribution to NGP affiliates (see Note 1)(355,494)(242,174)Distributions made by previous owners(4,005)(28,772)		· · · · · · · · · · · · · · · · · · ·	44 072
Proceeds from MEMP public equity offering511,204202,573Costs incurred in conjunction with MEMP public equity offering(21,066)(8,268)Contributions from NGP affiliates related to sale of properties2,01345,158Distributions to the Funds(732,362)Distributions to noncontrolling interests(78,083)(15,208)Distribution to NGP affiliates (see Note 1)(355,494)(242,174)Distributions made by previous owners(4,005)(28,772)			,
Costs incurred in conjunction with MEMP public equity offering(21,066)(8,268)Contributions from NGP affiliates related to sale of properties2,01345,158Distributions to the Funds(732,362)Distributions to noncontrolling interests(78,083)(15,208)Distribution to NGP affiliates (see Note 1)(355,494)(242,174)Distributions made by previous owners(4,005)(28,772)			202.573
Contributions from NGP affiliates related to sale of properties2,01345,158Distributions to the Funds(732,362)Distributions to noncontrolling interests(78,083)(15,208)Distribution to NGP affiliates (see Note 1)(355,494)(242,174)Distributions made by previous owners(4,005)(28,772)			
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Distribution to NGP affiliates (see Note 1) (355,494) (242,174) Distributions made by previous owners (4,005) (28,772)			(15.208)
Distributions made by previous owners (4,005) (28,772)		· · · · · · · · · · · · · · · · · · ·	
			(20,772)

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Other	455	
Net cash provided by financing activities	117,950	361,761
Net change in cash and cash equivalents	28,330	(4,573)
Cash and cash equivalents, beginning of year	49,391	53,964
Cash and cash equivalents, end of year	\$ 77,721	\$ 49,391
Supplemental cash flows:		
Cash paid for interest	\$ 61,140	\$ 23,525
Noncash investing and financing activities:		
Change in capital expenditures in payables and accrued liabilities	41,017	17,158
Assumptions of asset retirement obligations related to properties acquired or drilled	4,227	7,962
Contribution of oil and gas properties from NGP affiliate		6,893
Accrued distribution to NGP affiliates related to Cinco Group acquisition	4,352	
Contribution related to sale of assets to NGP affiliate restricted cash		2,013
Accrued equity offering costs		171
Distributions to noncontrolling interests		47

See Accompanying Notes to Consolidated and Combined Financial Statements.

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# MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

# STATEMENTS OF CONSOLIDATED AND COMBINED EQUITY

(In thousands)

	Members Members	Equity Previous Owners	ncontrolling Interest	Total
Balance January 1, 2012	\$ 853,436	\$ 261,340	\$ 161,588	\$ 1,276,364
Net income (loss)	(7,620)	37,318	(2,701)	26,997
Contributions		44,072		44,072
Contribution of oil and gas properties from NGP affiliate		6,893		6,893
Net proceeds from MEMP public equity offering			194,134	194,134
Distributions		(28,772)	(15,255)	(44,027)
Net book value of net assets acquired from affiliates (Note 12)	52,217	(93,696)	41,479	
Amortization of MEMP equity awards			1,423	1,423
Noncontrolling interest s share of net book value in excess of consideration				
received from sale of assets to MEMP	727		(727)	
Contribution related to sale of assets to NGP affiliate	6,291	40,138	742	47,171
Net book value of assets acquired by NGP affiliate	(579)	(33,859)	(68)	(34,506)
Distribution to affiliate in connection with acquisition of assets	(134,964)		(107,210)	(242,174)
Impact from equity transactions of MEMP	41,930		(41,930)	
Other	176	(1)	187	362
Balance December 31, 2012	811,614	233,433	231,662	1,276,709
Net income (loss)	90,712	10,790	49,830	151,332
Contributions	>0,712	1,214	.,,,,,,	1,214
Net proceeds from MEMP public equity offering		,	490,138	490,138
Sale of MEMP common units	60,701		74,311	135,012
Distributions	(732,362)	(4,005)	(78,083)	(814,450)
Net book value of net assets acquired from affiliates (Note 12)	50,751	(181,556)	130,805	( , , , , , ,
Amortization of MEMP equity awards		( - , ,	3,557	3,557
Noncontrolling interest s share of cash consideration received in excess of			,	· ·
the net book value sold to MEMP	(24)		24	
Distribution to affiliate in connection with acquisition of assets	(98,180)		(253,055)	(351,235)
Purchase of noncontrolling interests	(303)		(14,832)	(15,135)
Impact from equity transactions of MEMP	54,183		(54,183)	
Other	94	(2,299)	441	(1,764)
Net assets retained by previous owners		(17,246)		(17,246)
Balance December 31, 2013	\$ 237,186	\$ 40,331	\$ 580,615	\$ 858,132

See Accompanying Notes Consolidated and Combined Financial Statements.

### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

Note 1. Background, Organization and Basis of Presentation

### **Background & Organization**

Memorial Resource Development LLC ( Memorial Resource ) is a Delaware limited liability company (the Company ) formed on April 27, 2011 by Natural Gas Partners VIII, L.P. ( NGP VIII ), Natural Gas Partners IX, L.P. ( NGP IX ) and NGP IX Offshore Holdings, L.P. ( NGP IX ) (Collectively, the Funds ) to own, acquire, exploit and develop oil and natural gas properties. The Funds are private equity funds managed by Natural Gas Partners ( NGP ). Unless the context requires otherwise, references to we, us, our, or the Company are intended to me the business and operations of Memorial Resource Development LLC and its consolidated subsidiaries.

These financial statements have been prepared in anticipation of a proposed initial public offering (the Offering ) of the common stock of Memorial Resource Development Corp. (MRDC). In connection with the closing of the Offering, Memorial Resource will contribute its ownership interests in all of its directly owned subsidiaries except for BlueStone Natural Resources Holdings, LLC (BlueStone Holdings), Golden Energy Partners LLC (Golden Energy) and Classic Pipeline & Gathering, LLC (Classic Pipeline) as well as two immaterial subsidiaries that were recently formed, and 50% of the incentive distribution rights of Memorial Production Partners LP (MEMP) in exchange for shares of common stock of MRDC. MRDC will become a subsidiary of Memorial Resource. Memorial Resource is consolidated and combined financial statements represent MRDC is predecessor for accounting and financial reporting purposes.

At December 31, 2013, BlueStone Holdings total assets were less than 1% of consolidated total assets and the MRD Segment s total assets. BlueStone Holdings total revenues were approximately 3% of consolidated total revenues and 7% of the MRD Segment s total revenues for the year ended December 31, 2013. BlueStone Holdings production volumes were approximately 2% of consolidated production volumes and 4% of the MRD Segment s production volumes for the year ended December 31, 2013.

As of December 31, 2013, Memorial Resource s significant consolidating subsidiaries consisted of the following:

Memorial Production Partners GP LLC (MEMP GP), a wholly-owned subsidiary, owns a 0.1% general partner interest in MEMP represented by 61,300 general partner units as of December 31, 2013. MEMP is a publicly traded Delaware limited partnership, the common units of which are listed on the NASDAQ Global Market under the symbol MEMP. MEMP was formed in April 2011 to own and acquire oil and natural gas properties in North America and completed its initial public offering on December 14, 2011. MEMP s business activities are conducted through its wholly-owned subsidiary Memorial Production Operating LLC (OLLC) and its subsidiaries. All of OLLC s consolidating subsidiaries are wholly-owned either directly or indirectly, except for one indirect majority-owned subsidiary. At December 31, 2013, Memorial Resource owned all of the 5,360,912 subordinated units outstanding. The Funds collectively indirectly own 50% of MEMP s incentive distribution rights (IDRs). Memorial Resource owns the remaining IDRs. MEMP s assets consist primarily of producing oil and natural gas properties and are located in Texas, Louisiana, Colorado, Wyoming, New Mexico, and offshore Southern California.

Black Diamond Minerals, LLC ( Black Diamond ), a wholly-owned subsidiary, together with its majority-owned subsidiary are engaged in the exploration, development, production, and operations of oil and natural gas properties located in Colorado, Oklahoma, and Wyoming.

BlueStone Holdings, a majority-owned subsidiary, together with its consolidated subsidiaries (collectively, BlueStone) are engaged in the exploration, development, production, and operations of oil and natural gas properties located in Texas. As of December 31, 2013, Memorial Resource owned an

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

89.45% membership interest in BlueStone Holdings and other individuals owned the remaining membership interests. All of BlueStone Holdings consolidating subsidiaries are wholly-owned either directly or indirectly.

Classic Hydrocarbons Holdings, L.P. (Classic), an indirect wholly-owned subsidiary, together with its consolidated subsidiaries are engaged in the exploration, development, production, and sale of oil and natural gas primarily in East Texas and Louisiana. As of December 31, 2013, Classic Hydrocarbons GP CO., L.L.C. (Classic GP) owned a 0.41% general partner interest in Classic and Memorial Resource owned a 99.59% limited partner interest in Classic. All of Classic s consolidating subsidiaries are wholly-owned either directly or indirectly. As of December 31, 2013, Memorial Resource owned a 100% membership interest in Classic GP.

WildHorse Resources, LLC (WildHorse), a majority-owned subsidiary, together with its wholly-owned subsidiary are engaged in the acquisition, exploitation, and development of natural gas and crude oil properties located in Louisiana and Texas. As of December 31, 2013, Memorial Resource owned a 99.89% membership interest in WildHorse and other individuals owned the remaining membership interests. In connection with the closing of the Offering, the remaining membership interests will be contributed to MRDC and incentive units held by certain members of management will be exchanged for shares of common stock of MRDC and cash consideration.

Beta Operating Company, LLC (Beta Operating), a wholly-owned subsidiary, employs those employees who operate and support MEMP s offshore Southern California oil and gas properties. Beta Operating was contributed to Memorial Resource by MEMP in December 2012. This entity was formerly owned by an affiliate of NGP. MEMP s acquisition of Beta Operating in December 2012 and the subsequent contribution to Memorial Resource were accounted for as common control transactions at historical cost.

Memorial Resource Finance Corp. (MRD Finance Corp. ), a wholly-owned subsidiary, has no material assets or any liabilities other than as a co-issuer of our debt securities. Its activities will be limited to co-issuing our debt securities and engaging in other activities incidental thereto.

MEMP acquired certain oil and natural gas producing properties in East Texas from Tanos Energy, LLC ( Tanos ) on April 2, 2012. Prior to April 1, 2013, Memorial Resource owned a 98.94% membership interest in Tanos. On April 1, 2013, Memorial Resource purchased the remaining membership interest in Tanos (see Note 11). MEMP acquired certain oil and natural gas producing properties in East Texas from Classic on May 14, 2012; acquired all of the outstanding membership interests in WHT Energy Partners LLC ( WHT ) from WildHorse and Tanos on March 28, 2013; acquired all the outstanding membership interests in Prospect Energy, LLC ( Prospect Energy ) from Black Diamond on October 1, 2013; acquired all of the outstanding membership interests in Tanos from Memorial Resource on October 1, 2013; acquired certain of the oil and natural gas properties in Jackson County, Texas (the MRD Assets ) from Memorial Resource on October 1, 2013; and acquired certain oil and natural gas producing properties in East Texas from WildHorse on April 1, 2014. These intercompany transactions have been eliminated in preparation of our consolidated and combined financial statements.

References to previous owners for accounting and financial reporting purposes refer collectively to:

Rise Energy Operating, LLC and its wholly-owned subsidiaries (except for Rise Energy Operating, Inc.) (REO) from February 3, 2009 (inception) through the date of acquisition. MEMP acquired REO, which owns certain operating interests in producing and non-producing oil and gas properties offshore Southern California, in December 2012 from Rise Energy Partners, LP (Rise). Beta Operating was a wholly-owned subsidiary of Rise Energy Operating, LLC until it was contributed to Memorial Resource by MEMP in

December 2012. Rise is primarily owned by two of the Funds.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

Certain oil and natural gas properties and related assets primarily in the Permian Basin, East Texas and the Rockies that MEMP acquired through equity transactions on October 1, 2013 from certain affiliates of NGP. On October 1, 2013, MEMP acquired Boaz Energy, LLC (Boaz), Crown Energy Partners, LLC (Crown), the Crown net profits interest and overriding royalty interest (Crown NPI/ORRI), Propel Energy SPV LLC (Propel SPV), together with its wholly-owned subsidiary Propel Energy Services, LLC (Propel Energy Services), and Stanolind Oil and Gas SPV LLC (Stanolind SPV) from: (a) Boaz Energy Partners, LLC (Boaz Energy Partners), Crown Energy Partners Holdings, LLC (Crown Holdings), Propel Energy, LLC (Propel Energy) and Stanolind Oil and Gas LP (Stanolind), all of which are primarily owned by two of the Funds.

A net profits interest that WildHorse purchased from NGP Income Co-Investment Fund II, L.P. ( NGPCIF ) on February 28, 2014 ( NGPCIF NPI ). NGPCIF is controlled by NGP. Upon the completion of the 2010 Petrohawk and Clayton Williams acquisitions, WildHorse sold a net profits interest in these properties to NGPCIF (see Note 12). Since WildHorse sold the net profits interest, the historical results are accounted for as a working interest for all periods.

### **Basis of Presentation**

Our consolidated financial statements include our accounts and those of our majority-owned subsidiaries in which we have a controlling interest. Likewise, the combined financial statements include those of the previous owners for the periods that those entities were under common control.

All material intercompany transactions and balances have been eliminated in preparation of our consolidated and combined financial statements. The accompanying consolidated and combined financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (GAAP). In the opinion of management, all adjustments necessary for a fair presentation of the financial statements have been made. Certain amounts in the prior year financial statements have been reclassified to conform to the presentation in the current year financial statements.

We have two reportable business segments, both of which are engaged in the acquisition, exploitation, development and production of oil and natural gas properties (See Note 13). Our reportable business segments are as follows:

MRD reflects the combined operations of Memorial Resource, WildHorse and its previous owners, Classic and Classic GP, Black Diamond, BlueStone, Beta Operating and MEMP GP.

MEMP reflects the combined operations of MEMP, its previous owners, and any dropdown transactions between MEMP and other Memorial Resource subsidiaries.

Segment financial information has been retrospectively revised for the following common control transactions between MEMP and other Memorial Resource subsidiaries for comparability purposes:

acquisition by MEMP of all the outstanding membership interests in Tanos for a purchase price of approximately \$77.4 million on October 1, 2013;

acquisition by MEMP of all the outstanding membership interests in Prospect Energy for a purchase price of approximately \$16.3 million on October 1, 2013;

acquisition by MEMP of all the outstanding membership interests in WHT for a purchase price of approximately \$200.0 million on March 28, 2013;

acquisition by MEMP of certain assets from Classic in East Texas in May 2012 for a purchase price of approximately \$27.0 million; and

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

acquisition by MEMP of certain assets from Tanos in East Texas in April 2012 for a purchase price of approximately \$18.5 million.

### Note 2. Summary of Significant Accounting Policies

### Use of Estimates

The preparation of consolidated and combined financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated and combined financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Significant estimates include, but are not limited to, oil and natural gas reserves; depreciation, depletion, and amortization of proved oil and natural gas properties; future cash flows from oil and natural gas properties; impairment of long-lived assets; fair value of derivatives; fair value of equity compensation; fair values of assets acquired and liabilities assumed in business combinations and asset retirement obligations.

### Principles of Consolidation and Combination

Our consolidated financial statements include our accounts and those of our majority-owned subsidiaries in which we have a controlling interest. Likewise, the combined financial statements include those of the previous owners. All material intercompany balances and transactions have been eliminated.

### Cash and Cash Equivalents

Cash and cash equivalents represent unrestricted cash on hand and all highly liquid investments with original contractual maturities of three months or less.

### Concentrations of Credit Risk

Cash balances, accounts receivable, restricted investments and derivative financial instruments are financial instruments potentially subject to credit risk. Cash and cash equivalents are maintained in bank deposit accounts which, at times, may exceed the federally insured limits. Management periodically reviews and assesses the financial condition of the banks to mitigate the risk of loss. Various restricted investment accounts fund certain long-term contractual and regulatory asset retirement obligations and collateralize certain regulatory bonds associated with the offshore Southern California oil and gas properties. These restricted investments consist of money market deposit accounts, money market mutual funds, commercial paper, and U.S. Government securities, all held with credit-worthy financial institutions. Derivative financial instruments are generally executed with major financial institutions that expose us to market and credit risks and which may, at times, be concentrated with certain counterparties. The credit worthiness of the counterparties is subject to continual review. We rely upon netting arrangements with counterparties to reduce credit exposure. We have not experienced any losses from such instruments.

Oil and natural gas are sold to a variety of purchasers, including intrastate and interstate pipelines or their marketing affiliates and independent marketing companies. Accounts receivable from joint operations are from a number of oil and natural gas companies, partnerships, individuals, and others who own interests in the properties operated by us and our predecessor. Generally, operators of crude oil and natural gas properties have the right to offset future revenues against unpaid charges related to operated wells, minimizing the credit risk associated with these receivables. Additionally, management believes that any credit risk imposed by a

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

concentration in the oil and natural gas industry is mitigated by the creditworthiness of its customer base. An allowance for doubtful accounts is recorded after all reasonable efforts have been exhausted to collect or settle the amount owed. Any amounts outstanding longer than the contractual terms are considered past due. Management determined that an allowance for uncollectible accounts was unnecessary at both December 31, 2013 and 2012, respectively.

If we were to lose any one of our customers, the loss could temporarily delay production and the sale of oil and natural gas in the related producing region. If we were to lose any single customer, we believe that a substitute customer to purchase the impacted production volumes could be identified.

### Oil and Natural Gas Properties

Oil and natural gas exploration, development and production activities are accounted for in accordance with the successful efforts method of accounting. Under this method, costs of acquiring properties, costs of drilling successful exploration wells, and development costs are capitalized. The costs of exploratory wells are initially capitalized pending a determination of whether proved reserves have been found. At the completion of drilling activities, the costs of exploratory wells remain capitalized if determination is made that proved reserves have been found. If no proved reserves have been found, the costs of each of the related exploratory wells are charged to expense. In some cases, a determination of proved reserves cannot be made at the completion of drilling, requiring additional testing and evaluation of the wells. The costs of such exploratory wells are expensed if a determination of proved reserves has not been made within a twelve-month period after drilling is complete. Exploration costs such as geological, geophysical, and seismic costs are expensed as incurred.

As exploration and development work progresses and the reserves on these properties are proven, capitalized costs attributed to the properties are subject to depreciation and depletion. Depletion of capitalized costs is provided using the units-of-production method based on proved oil and gas reserves related to the associated field. Capitalized drilling and development costs of producing oil and natural gas properties are depleted over proved developed reserves and leasehold costs are depleted over total proved reserves.

On the sale or retirement of a complete or partial unit of a proved property or pipeline and related facilities, the cost and related accumulated depreciation, depletion, and amortization are removed from the property accounts, and any gain or loss is recognized.

There were no material capitalized exploratory drilling costs pending evaluation at December 31, 2013 and December 31, 2012.

### **Impairments**

Proved oil and natural gas properties are reviewed for impairment when events and circumstances indicate a possible decline in the recoverability of the carrying value of such properties, such as a downward revision of the reserve estimates, less than expected production, drilling results, higher operating and development costs, or lower commodity prices. The estimated undiscounted future cash flows expected in connection with the property are compared to the carrying value of the property to determine if the carrying amount is recoverable. If the carrying value of the property exceeds its estimated undiscounted future cash flows, the carrying amount of the property is reduced to its estimated fair value using Level 3 inputs. The factors used to determine fair value include, but are not limited to, estimates of proved reserves, future commodity prices, the timing of future production and capital expenditures and a discount rate commensurate with the risk reflective of the lives remaining for the respective oil and gas properties. Impairment expense for the years ended December 31, 2013 and 2012 was approximately \$6.6 million and \$28.9 million, respectively.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

Nonproducing oil and natural gas properties, which consist of undeveloped leasehold costs and costs associated with the purchase of proved undeveloped reserves, are assessed for impairment on a property-by-property basis. If the assessment indicates an impairment, a loss is recognized by providing a valuation allowance. The impairment assessment is affected by economic factors such as the results of exploration activities, commodity price outlooks, remaining lease terms, and potential shifts in business strategy employed by management.

### **Asset Retirement Obligations**

An asset retirement obligation associated with retiring long-lived assets is recognized as a liability on a discounted basis in the period in which the legal obligation is incurred and becomes determinable, with an equal amount capitalized as an addition to oil and natural gas properties, which is allocated to expense over the useful life of the asset. Generally, oil and gas producing companies incur such a liability upon acquiring or drilling a well. Accretion expense is recognized over time as the discounted liabilities are accreted to their expected settlement value. Upon settlement of the liability, a gain or loss is recognized as a component of exploration costs to the extent the actual costs differ from the recorded liability. See Note 6 for further discussion of asset retirement obligations.

### Oil and Gas Reserves

The estimates of proved oil and natural gas reserves utilized in the preparation of the consolidated and combined financial statements are estimated in accordance with the rules established by the SEC and the Financial Accounting Standards Board (FASB). These rules require that reserve estimates be prepared under existing economic and operating conditions using a trailing 12-month average price with no provision for price and cost escalations in future years except by contractual arrangements. Netherland, Sewell & Associates, Inc. (NSAI), our independent reserve engineers, was engaged to prepare our reserves estimates at December 31, 2013.

Reserve estimates are inherently imprecise. Accordingly, the estimates are expected to change as more current information becomes available. It is possible that, because of changes in market conditions or the inherent imprecision of reserve estimates, the estimates of future cash inflows, future gross revenues, the amount of oil and natural gas reserves, the remaining estimated lives of oil and natural gas properties, or any combination of the above may be increased or reduced. Increases in recoverable economic volumes generally reduce per unit depletion rates while decreases in recoverable economic volumes generally increase per unit depletion rates.

### Other Property & Equipment

Other property and equipment is stated at historical costs and is comprised primarily of vehicles, furniture, fixtures, and computer hardware and software. Depreciation of other property and equipment is calculated using the straight-line method generally based on estimated useful lives of three to five years.

### Restricted Investments

Various restricted investment accounts fund certain long-term contractual and regulatory asset retirement obligations and collateralize certain regulatory bonds associated with the offshore Southern California oil and gas properties. These investments are classified as held-to-maturity, and such investments are stated at amortized cost. Interest earned on these investments is included in interest expense—net in the statement of operations. The amortized cost of such investments is adjusted for amortization of premiums and accretion of discounts to maturity. Such amortization and accretion is displayed as a separate line item in the statement of operations. At December 31, 2013, these restricted investments consisted of money market deposit accounts, money market mutual funds, commercial paper, and U.S. Government securities. See Note 7 for additional information.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

#### **Debt Issuance Costs**

These costs are recorded on the balance sheet and amortized over the term of the associated debt using the straight-line method which approximates the effective yield method. Amortization expense, including write-offs of debt issuance costs, for the years ended December 31, 2013 and 2012 was approximately \$8.3 million and \$3.6 million, respectively.

### Revenue Recognition

Revenue from the sale of oil and natural gas is recognized when title passes, net of royalties due to third parties. Oil and natural gas revenues are recorded using the sales method. Under this method, revenues are recognized based on actual volumes of oil and natural gas sold to purchasers, regardless of whether the sales are proportionate to our ownership in the property. An asset or a liability is recognized to the extent that we have an imbalance in excess of our proportionate share of the remaining recoverable reserves on the underlying properties. No significant imbalances existed at December 31, 2013 or 2012.

The following individual customers each accounted for 10% or more of total reported revenues for the period indicated:

	Years Ending D 2013	ecember 31, 2012
Consolidated & Combined:	2013	2012
Energy Transfer Equity, L.P. and subsidiaries	35%	13%
MRD Segment:		
Energy Transfer Equity, L.P. and subsidiaries	77%	39%
Sunoco, Inc.(1)	n/a	15%
Dominion Gas Ventures LP	n/a	15%
MEMP Segment:		
Phillips 66(2)	15%	13%
ConocoPhillips(2)	n/a	14%

<sup>(1)</sup> Sunoco, Inc. became a subsidiary of Energy Transfer Equity, L.P. in October 2012.

### **Derivative Instruments**

<sup>(2)</sup> Phillips 66 was a subsidiary of ConocoPhillips through April 30, 2012. Accordingly, any revenues generated from Phillips 66 prior to May 1, 2012 were reported under ConocoPhillips.

Commodity derivative financial instruments (e.g., swaps, floors, collars, and put options) are used to reduce the impact of natural gas and oil price fluctuations. Interest rate swaps are used to manage exposure to interest rate volatility, primarily as a result of variable rate borrowings under the credit facilities. Every derivative instrument is recorded on the balance sheet as either an asset or liability measured at its fair value. Changes in the derivative s fair value are recognized in earnings as we have not elected hedge accounting for any of our derivative positions.

### Income Tax

We are organized as a pass-through entity for federal income tax purposes. As a result, our members are responsible for federal income taxes on their share of our taxable income. Certain of our consolidated subsidiaries are taxed as corporations and subject to federal income taxes. We are also subject to the Texas margin tax and certain aspects of the tax make it similar to an income tax as the tax is assessed on 1% of taxable margin apportioned to operations in Texas. Deferred taxes arise due to temporary differences between the

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

financial statement carrying value of existing assets and liabilities and their respective tax basis. Deferred tax liabilities as of December 31, 2013 were approximately \$3.2 million and total tax expense for the year was approximately \$1.6 million. Deferred tax liabilities as of December 31, 2012 were approximately \$3.1 million and total tax expense for the year was approximately \$0.1 million.

We must recognize the tax effects of any uncertain tax positions we may adopt if the position taken by us is more likely than not sustainable based on its technical merits. If a tax position meets such criteria, the tax effect that would be recognized by us would be the largest amount of benefit with more than a 50% chance of being realized. There were no uncertain tax positions that required recognition in the financial statements at December 31, 2013 or 2012.

Upon closing of the Offering, MRDC will be treated as a taxable C corporation and will be subject to federal and certain state income taxes. Accordingly, a pro forma income tax provision has been disclosed as if Memorial Resource was a taxable corporation for all periods presented. Pro forma tax expense was computed using a blended corporate level federal and state tax rate of 36.06% and 35.39% for the years ended December 31, 2013 and 2012, respectively.

### Unaudited Pro Forma Earnings Per Share

Memorial Resource has presented pro forma earnings per share ( EPS ) for all periods presented. Pro forma net income (loss) per basic share is determined by dividing the pro forma net income (loss) available to common shareholders by the number of common shares expected to be outstanding immediately following the Offering.

The following sets forth the calculation of pro forma EPS for the periods indicated (in thousands, except per share amounts):

	For the Year Ended December 31 2013 2012			· · · · · · · · · · · · · · · · · · ·
Numerator:				
Pro forma net income (loss)	\$ 9	97,797	\$	17,512
Noncontrolling interest in pro forma net (income) loss, net of tax	(3	31,861)		1,745
Previous owners interest in pro forma net (income) loss, net of tax		(6,899)		(24,111)
Pro forma net income (loss) available to common shareholders	\$ 5	59,037	\$	(4,854)
Denominator:				
Common shares outstanding immediately following the Offering(1)	19	93,568		193,568
Basic EPS	\$	0.31	\$	(0.03)
Diluted EPS	\$	0.30	\$	(0.03)

(1) Includes dilutive effect of 1,068 restricted common shares.

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

## NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

The following sets forth the calculation of our supplemental pro forma EPS, for the periods indicated (in thousands, except per share amounts):

	For the Year End	ed December 31,
	2013	2012
Numerator:		
Pro forma net income (loss)	\$ 97,797	\$ 17,512
Noncontrolling interest in pro forma net (income) loss, net of tax	(31,861)	1,745
Pro forma net income (loss) available to common shareholders	\$ 65,936	\$ 19,257
Denominator:		
Common shares outstanding immediately following the Offering(1)	193,568	193,568
Basic and diluted EPS	\$ 0.34	\$ 0.10

Our supplemental basic and diluted EPU includes all the earnings generated by the previous owners for all periods presented due to common control considerations.

## **Unit-Based Compensation Arrangements**

The fair value of equity-classified awards (e.g., restricted common unit awards) is amortized to earnings over the requisite service or vesting period. Compensation expense for liability-classified awards are recognized over the requisite service or vesting period of an award based on the fair value of the award re-measured at each reporting period. Generally, no compensation expense is recognized for equity instruments that do not vest.

The governing documents of Memorial Resource and certain of its subsidiaries, including WildHorse and BlueStone, provide for the issuance of incentive units. The incentive units are subject to performance conditions that affect their vesting. Compensation cost is recognized only if the performance condition is probable of being satisfied at each reporting date.

See Note 10 and 11 for further information.

<sup>(1)</sup> Includes dilutive effect of 1,068 restricted common shares.

## **Current Accrued Liabilities**

Current accrued liabilities consisted of the following at the dates indicated (in thousands):

	Decer	nber 31,
	2013	2012
Accrued capital expenditures	\$ 48,579	\$ 14,352
Accrued lease operating expense	13,240	6,701
Accrued general and administrative expenses	14,485	2,290
Accrued ad valorem and production taxes	3,541	3,753
Accrued interest payable	11,934	1,239
Accrued environmental	577	1,012
Other miscellaneous, including operator advances	5,774	4,140
	\$ 98.130	\$ 33,487

## New Accounting Pronouncements

Offsetting Disclosure Requirements. In December 2011, the FASB issued an accounting standard update intended to enhance current disclosure requirements on offsetting financial assets and liabilities. In January 2013,

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

the FASB issued an accounting standard update to clarify the scope of offsetting disclosure requirements. The new disclosure requirements required the disclosure of both gross and net information about derivatives, repurchase agreements and reverse purchase agreements, and securities borrowing and securities lending transactions eligible for offset on the balance sheet or subject to a master netting arrangement or similar agreement. Disclosure of collateral received and posted in connection with master netting agreements or similar arrangements is also required. The disclosures became effective for annual and interim periods beginning on or after January 1, 2013 and were applied retrospectively. The adoption of this new guidance did not have a significant impact on our financial statements.

#### Note 3. Acquisitions and Divestitures

The third party acquisitions discussed below were accounted for under the acquisition method of accounting. Accordingly, we conducted assessments of net assets acquired and recognized amounts for identifiable assets acquired and liabilities assumed at their estimated acquisition date fair values, while acquisition costs associated with the acquisitions were expensed as incurred. The operating revenues and expenses of acquired properties are included in the accompanying financial statements from their respective closing dates forward. The transactions were financed through capital contributions and borrowings under credit facilities.

The fair values of oil and natural gas properties are measured using valuation techniques that convert future cash flows to a single discounted amount. Significant inputs to the valuation of oil and natural properties include estimates of: (i) economic reserves; (ii) future operating and development costs; (iii) future commodity prices; and (iv) a market-based weighted average cost of capital.

MEMP has consummated several common control acquisitions since completing its initial public offering in December 2011, as further discussed in Note 12, from certain affiliates of NGP. These acquisitions were each accounted for as a transaction between entities under common control, similar to a pooling of interests, whereby the net assets acquired were recorded at historical cost.

## Acquisition-related costs

Acquisition-related costs for both related party and third party transactions are included in general and administrative expenses in the accompanying statements of operations for the periods indicated below (in thousands):

For the Year

Ended December 31,

2013

\$8,313 \$4,538

2012

## 2013 Acquisitions

On March 18, 2013, a purchase and sale agreement was executed by WildHorse for the purchase of certain oil and gas properties and leases in Louisiana from a third party ( Louisiana Acquisition ). The final adjusted purchase price was \$67.1 million. This transaction closed on April 30, 2013. The following table summarizes the fair value of the third party assets acquired and liabilities assumed as of the acquisition date (in thousands):

	Louisiana
	Acquisition
Oil and gas properties	\$ 68,887
Asset retirement obligations	(1,789)
Total identifiable net assets	\$ 67,098

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

MEMP closed two separate transactions during the year ended December 31, 2013 to acquire certain oil and natural gas properties from third parties in East Texas (the East Texas Acquisition ) and the Rockies (the Rockies Acquisition ) for approximately \$29.4 million in aggregate. The East Texas Acquisition closed on September 6, 2013 and the Rockies Acquisition closed on August 30, 2013. The following table summarizes the fair value of the third party assets acquired and liabilities assumed as of each acquisition date (in thousands):

	st Texas Juisition	Rockies quisition
Oil and gas properties	\$ 9,974	\$ 20,744
Asset retirement obligations	(78)	(1,163)
Accrued liabilities		(118)
Total identifiable net assets	\$ 9,896	\$ 19,463

Propel Energy also acquired incremental interests in certain oil and gas properties and leases in the Hendrick Field located in Winkler County, Texas from two third parties in three separate transactions for approximately \$9.3 million.

## 2012 Acquisitions

Third Party. On May 1, 2012, MEMP and WildHorse jointly acquired operating and non-operating interests in certain oil and natural gas properties located in East Texas and North Louisiana from an undisclosed third party seller ( Undisclosed Seller Acquisition ) for a final net purchase price of approximately \$112.1 million. These properties are located primarily in Polk County, Texas and Lincoln and Claiborne Parishes, Louisiana. During the year ended December 31, 2012, approximately \$22.1 million of revenue and \$9.2 million of earnings were recorded in the statement of operations related to the Undisclosed Seller Acquisition subsequent to the closing date.

On September 28, 2012, MEMP acquired certain oil and natural gas properties in East Texas from Goodrich Petroleum Corporation (Goodrich Acquisition) for a final net purchase price of \$90.4 million after customary post-closing adjustments. The effective date of this transaction was July 1, 2012. This transaction was financed with borrowings under MEMP s revolving credit facility. These properties are located in the East Henderson field of Rusk County, Texas. During the year ended December 31, 2012, approximately \$4.6 million of revenue and \$2.0 million of earnings were recorded in the statement of operations related to the Goodrich Acquisition subsequent to the closing date.

Collectively, the previous owners consummated multiple acquisitions during 2012 by acquiring operating and non-operating interests in certain oil and natural gas properties primarily located in various Texas and New Mexico counties for an aggregate adjusted purchase price of \$147.9 million, the largest of which was completed in July by Stanolind. In July 2012, Stanolind completed an acquisition of working interests, royalty interests and net revenue interests (the Menemsha Acquisition ) located in various counties in Texas for a final net purchase price of \$74.7 million. During the year ended December 31, 2012, approximately \$4.9 million of revenue and \$0.9 million of earnings were recorded in the statement of operations related to the Menemsha Acquisition subsequent to the closing date.

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

The following table summarizes the fair value of the assets acquired and liabilities assumed as of each acquisition date (in thousands).

	Undisclosed Seller Acquisition	Goodrich Acquisition	Menemsha Acquisition	Previo	Other ous Owner uisitions
Oil and gas properties	\$ 115,633	\$ 91,187	\$ 75,114	\$	77,764
Prepaid expenses and other current assets		425			
Revenues payable	(1,602)	(875)			
Asset retirement obligations	(1,592)	(161)	(408)		(4,558)
Accrued liabilities	(297)	(153)			
Treal:destfield and areas	¢ 112 142	¢ 00.422	¢ 74706	¢	72.206
Total identifiable net assets	\$ 112,142	\$ 90,423	\$ 74,706	Э	73,206

The following unaudited pro forma combined results of operations are provided for the year ended December 31, 2012 (in thousands) as though the Undisclosed Seller Acquisition, Goodrich Acquisition, and Menemsha Acquisition had been completed on January 1, 2011. The unaudited pro forma financial information was derived from our historical combined statements of operations and adjusted to include: (i) the revenues and direct operating expenses associated with oil and gas properties acquired, (ii) depletion expense applied to the adjusted basis of the properties acquired and (iii) interest expense on additional borrowings necessary to finance the acquisitions. The unaudited pro forma financial information does not purport to be indicative of results of operations that would have occurred had the transactions occurred on the basis assumed above, nor is such information indicative of expected future results of operations.

Revenues	431,061
Net income	40,940

During 2012, we also acquired certain interests in oil and gas properties through several individually immaterial acquisitions for an aggregate purchase price of \$10.2 million.

#### Divestitures

On January 1, 2013, Tanos sold a natural gas gathering pipeline located in East Texas, which it had originally acquired in April 2010, to a privately held gas transportation company for a minimum of \$1.5 million. The maximum allowable additional proceeds are \$2.0 million. The contingent consideration is based on the natural gas pipeline servicing any new wells that Tanos drills in the area over the next three years. The contingent consideration portion of an arrangement is recorded when the consideration is determined to be realizable. Tanos recorded an aggregate gain of approximately \$1.4 million related to this transaction, of which \$0.4 million was contingent consideration. Tanos also sold certain non-operated oil and gas properties in 2013 for \$2.9 million and recorded a gain of \$1.4 million.

On May 10, 2013, Black Diamond entered into a purchase and sale agreement with a third party to sell certain of its Wyoming oil and gas properties with an estimated net book value of \$39.8 million for \$33.0 million, before customary adjustments. As a result, Black Diamond recorded a loss on the sale of \$6.8 million. This transaction closed on June 4, 2013.

BlueStone entered into an agreement with a publicly traded third party to sell its remaining interest in certain properties in the Mossy Grove Prospect in Walker and Madison Counties located in East Texas. Total cash consideration received by BlueStone was approximately \$117.9 million, which exceeded the net book value of the properties sold by \$89.5 million. The transaction closed on July 31, 2013.

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

During 2012, certain of our subsidiaries sold certain interests in oil and gas properties for an aggregate \$3.3 million. Losses of approximately \$0.1 million were recognized related to these divestures.

The previous owners sold certain interests in oil and gas properties offshore Louisiana on October 11, 2012 for an aggregate \$40.1 million to an NGP controlled entity, of which \$38.1 million was received upon closing. As of December 31, 2012, the remaining proceeds were held in escrow and included in restricted cash on the balance sheet. The remaining proceeds were released from escrow in April 2013. Due to common control considerations, the proceeds from the sale exceeded the net book value of the properties sold by \$6.3 million and recognized in the equity statement as a net contribution.

On July 11, 2012, the previous owners completed the sale of a portion of its oil and gas assets located in Garza County, Texas to a third party for \$26.1 million and recognized a gain of approximately \$7.6 million. On September 18, 2012, the previous owners completed the sale of a portion of its oil and gas assets located in Ector County, Texas to a third party for \$4.7 million and recognized a gain of approximately \$2.2 million.

The majority of the proceeds generated from these sales were used to acquire operating and non-operating interests in certain oil and natural gas properties located primarily in various Texas and New Mexico counties.

## Note 4. Fair Value Measurements of Financial Instruments

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at a specified measurement date. Fair value estimates are based on either (i) actual market data or (ii) assumptions that other market participants would use in pricing an asset or liability, including estimates of risk. A three-tier hierarchy has been established that classifies fair value amounts recognized or disclosed in the financial statements. The hierarchy considers fair value amounts based on observable inputs (Levels 1 and 2) to be more reliable and predictable than those based primarily on unobservable inputs (Level 3). The characteristics of fair value amounts classified within each level of the hierarchy are described as follows:

Level 1 Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities. An active market is one in which transactions for the assets or liabilities occur in sufficient frequency and volume to provide pricing information on an ongoing basis.

Level 2 Quoted prices in markets that are not active, or inputs that are observable, either directly or indirectly, for substantially the full term of the asset or liability. Substantially all of these inputs are observable in the marketplace throughout the full term of the instrument, can be derived from observable data, or are supported by observable levels at which transactions are executed in the marketplace. At December 31, 2013 and 2012, all of the derivative instruments reflected on the accompanying balance sheets were considered Level 2.

**Level 3** Measure based on prices or valuation models that require inputs that are both significant to the fair value measurement and are less observable from objective sources (i.e., supported by little or no market activity).

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Assets: Commodit

## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

## Assets and Liabilities Measured at Fair Value on a Recurring Basis

The carrying values of cash and cash equivalents, accounts receivables, accounts payables (including accrued liabilities) and amounts outstanding under long-term debt agreements included in the accompanying balance sheets approximated fair value at December 31, 2013 and 2012. The fair value estimates are based upon observable market data and are classified within Level 2 of the fair value hierarchy. These assets and liabilities are not presented in the following tables.

The fair market values of the derivative financial instruments reflected on the balance sheets as of December 31, 2013 and 2012 were based on estimated forward commodity prices and forward interest rate yield curves. Financial assets and liabilities are classified based on the lowest level of input that is significant to the fair value measurement in its entirety. The significance of a particular input to the fair value measurement requires judgment, and may affect the valuation of the fair value of assets and liabilities and their placement within the fair value hierarchy levels. The following table presents the derivative assets and liabilities that are measured at fair value on a recurring basis at December 31, 2013 and 2012 for each of the fair value hierarchy levels:

## Fair Value Measurements at December 31, 2013 Using

	Quoted Prices in Active Market (Level 1)	Significant Other Observable Inputs (Level 2)		Significant Unobservable Inputs (Level 3) nousands)	Fair Value
Assets:					
Commodity derivatives	\$	\$	105,054	\$	\$ 105,054
Interest rate derivatives			884		884
Total assets	\$	\$	105,938	\$	\$ 105,938
Liabilities:					
Commodity derivatives		\$	58,234		\$ 58,234
Interest rate derivatives			5,590		5,590
Total liabilities	\$	\$	63,824	\$	\$ 63,824

#### Fair Value Measurements at December 31, 2012 Using

		ran van	ue Measurement	s at December 31, 2012 C	sing
Quoted Prices in Active Market (Level		Sig Ob	nificant Other servable inputs evel 2)	Significant Unobservable Inputs (Level 3)	Fair Value
	1)	(1		nousands)	Tan value
ty derivatives	\$	\$	95,586	\$	\$ 95,586

Liabilities:				
Commodity derivatives	\$	45,938	\$	45,938
Interest rate derivatives		6,838		6,838
Total liabilities	\$ \$	52,776	\$ \$	52,776

See Note 5 for additional information regarding our derivative instruments.

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

Assets and Liabilities Measured at Fair Value on a Nonrecurring Basis

Certain assets and liabilities are reported at fair value on a nonrecurring basis as reflected on the balance sheets. The following methods and assumptions are used to estimate the fair values:

The fair value of asset retirement obligations ( AROs ) is based on discounted cash flow projections using numerous estimates, assumptions, and judgments regarding such factors as the existence of a legal obligation for an ARO; amounts and timing of settlements; the credit-adjusted risk-free rate; and inflation rates. See Note 6 for a summary of changes in AROs.

If sufficient market data is not available, the determination of the fair values of proved and unproved properties acquired in transactions accounted for as business combinations are prepared by utilizing estimates of discounted cash flow projections. The factors to determine fair value include, but are not limited to, estimates of: (i) economic reserves; (ii) future operating and development costs; (iii) future commodity prices; and (iv) a market-based weighted average cost of capital.

Proved oil and natural gas properties are reviewed for impairment when events and circumstances indicate a possible decline in the recoverability of the carrying value of such properties. The factors used to determine fair value include, but are not limited to, estimates of proved reserves, future commodity prices, the timing of future production and capital expenditures and a discount rate commensurate with the risk reflective of the lives remaining for the respective oil and gas properties.

During the year ended December 31, 2013, we recognized \$6.6 million of impairments. The impairments primarily related to certain properties located in South Texas. The estimated future cash flows expected from South Texas properties were compared to their carrying values and determined to be unrecoverable as a result of a downward revision of estimated proved reserves based on pricing terms specific to these properties.

During the year ended December 31, 2012, we recognized \$28.9 million of impairments to proved oil and natural gas properties. Approximately \$8.0 million related to a particular lease in the Elkhorn (Ellenburger) and Canyon Fields located in the Permian Basin as a result of a downward revision of estimated proved reserves due to unfavorable drilling results in the area. The remaining \$20.9 million of impairments primarily related to certain fields in East Texas. The carrying values of these fields were determined to be unrecoverable due to a decline in gas prices.

## Note 5. Risk Management and Derivative Instruments

Derivative instruments are utilized to manage exposure to commodity price and interest rate fluctuations and achieve a more predictable cash flow in connection with natural gas and oil sales from production and borrowing related activities. These transactions limit exposure to declines in prices or increases in interest rates, but also limit the benefits that would be realized if prices increase or interest rates decrease.

Certain inherent business risks are associated with commodity and interest derivative contracts, including market risk and credit risk. Market risk is the risk that the price of natural gas or oil will change, either favorably or unfavorably, in response to changing market conditions. Credit risk is the risk of loss from nonperformance by the counterparty to a contract. It is our policy to enter into derivative contracts, including interest rate swaps, only with counterparties that are creditworthy financial institutions deemed by management as competent and competitive market makers. Each of the counterparties to our derivative contracts is a lender in our credit agreements. While collateral is generally not required to be posted by counterparties, credit risk associated with derivative instruments is minimized by limiting exposure to any single counterparty and entering into derivative instruments only with counterparties that are large financial institutions, which management believes present minimal credit risk. Additionally, master netting agreements are used to mitigate risk of loss due to default with counterparties on derivative instruments. We have also entered into the International Swaps and Derivatives

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

## NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

Association Master Agreements ( ISDA Agreements ) with each of our counterparties. The terms of the ISDA Agreements provide us and each of our counterparties with rights of set-off upon the occurrence of defined acts of default by either us or our counterparty to a derivative, whereby the party not in default may set-off all liabilities owed to the defaulting party against all net derivative asset receivables from the defaulting party. See Note 8 for additional information in regards to our revolving credit facilities.

## **Commodity Derivatives**

A combination of commodity derivatives (e.g., floating-for-fixed swaps, collars, call spreads and basis swaps) is used to manage exposure to commodity price volatility. Generally, natural gas derivative contracts are entered into and indexed to NYMEX Henry Hub and regional indices that are in proximity to our areas of production. Generally, oil derivative contracts are entered into and indexed to NYMEX WTI, Inter-Continental Exchange ( ICE ) Brent and California Midway-Sunset. Our NGL derivative contracts are indexed to OPIS Mont Belvieu. At December 31, 2013, the MRD Segment had the following open commodity positions:

	2014		2015		2016		2	2017
Natural Gas Derivative Contracts:								
Fixed price swap contracts:								
Average Monthly Volume (MMBtu)	1	,190,000	:	380,000	6	70,000	5	20,000
Weighted-average fixed price	\$	4.10	\$	4.19	\$	4.32	\$	4.45
Collar contracts:								
Average Monthly Volume (MMBtu)		330,000		130,000				
Weighted-average floor price	\$	4.09	\$	4.00	\$		\$	
Weighted-average ceiling price	\$	5.24	\$	4.64	\$		\$	
Basis swaps:								
Average Monthly Volume (MMBtu)		270,000		180,000	2	20,000	2	00,000
Spread	\$	(0.07)	\$	(0.09)	\$	(0.08)	\$	(0.08)
Crude Oil Derivative Contracts:								
Fixed price swap contracts:								
Average Monthly Volume (Bbls)		18,000		6,000				
Weighted-average fixed price	\$	91.66	\$	88.50	\$		\$	
Collar contracts:								
Average Monthly Volume (Bbls)		8,000		2,000				
Weighted-average floor price	\$	85.00	\$	85.00	\$		\$	
Weighted-average ceiling price	\$	117.50	\$	101.35	\$		\$	
NGL Derivative Contracts:								
Fixed price swap contracts:								
Average Monthly Volume (Bbls)		18,000						
Weighted-average fixed price	\$	64.27						
•								

## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

## NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

At December 31, 2013, the MEMP Segment had the following open commodity positions:

		2014		2015		2016		2017		2018	3	2019
Natural Gas Derivative Contracts:												
Fixed price swap contracts:												
Average Monthly Volume (MMBtu)	2	2,575,458	2	,145,278	2,	342,442	2	,230,067	2,	,060,000	1,	314,583
Weighted-average fixed price	\$	4.34	\$	4.30	\$	4.42	\$	4.31	\$	4.52	\$	4.77
Collar contracts:												
Average Monthly Volume (MMBtu)		340,000		350,000								
Weighted-average floor price	\$	4.93	\$	4.62	\$		\$		\$		\$	
Weighted-average ceiling price	\$	6.12	\$	5.80	\$		\$		\$		\$	
Call spreads(1):												
Average Monthly Volume (MMBtu)		120,000		80,000								
Weighted-average sold strike price	\$	5.08	\$	5.25	\$		\$		\$		\$	
Weighted-average bought strike price	\$	6.31	\$	6.75	\$		\$		\$		\$	
Basis swaps:												
Average Monthly Volume (MMBtu)		2,822,083										
Spread	\$	(0.09)	\$		\$		\$		\$		\$	
Crude Oil Derivative Contracts:												
Fixed price swap contracts:												
Average Monthly Volume (Bbls)		136,444		148,281		142,313		130,600		122,000		40,000
Weighted-average fixed price	\$	95.82	\$	93.07	\$	86.85	\$	85.96	\$	85.62	\$	85.00
Collar contracts:												
Average Monthly Volume (Bbls)		23,000		5,000								
Weighted-average floor price	\$	82.83	\$	80.00	\$		\$		\$		\$	
Weighted-average ceiling price	\$	105.31	\$	94.00	\$		\$		\$		\$	
Basis swaps:												
Average Monthly Volume (Bbls)		57,292		57,500								
Spread	\$	(9.21)	\$	(9.73)	\$		\$		\$		\$	
NGL Derivative Contracts:												
Fixed price swap contracts:												
Average Monthly Volume (Bbls)		118,500		112,800								
Weighted-average fixed price	\$	36.23	\$	35.04	\$		\$		\$		\$	

<sup>(1)</sup> These transactions were entered into for the purpose of eliminating the ceiling portion of certain collar arrangements, which effectively converted the applicable collars into swaps.

## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

## NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

## **Interest Rate Swaps**

Periodically, we enter into interest rate swaps to mitigate exposure to market rate fluctuations by converting variable interest rates such as those in our credit agreement to fixed interest rates. Conditions sometimes arise where actual borrowings are less than notional amounts hedged which has and could result in over-hedged amounts from an economic perspective. From time to time we enter into offsetting positions to avoid being economically over-hedged. At December 31, 2013, we had the following interest rate swap open positions:

Credit Facility (see Note 8)	2014			2015		2016
MEMP Segment:						
Average Monthly Notional (in thousands)	\$	173,958	\$	280,833	\$	150,000
Weighted-average fixed rate		1.306%		1.416%		1.193%
Floating rate	1 Month LIBOR		1 Month LIBOR		1 Month LIBOR	
MRD Segment:						
Average Monthly Notional (in thousands)	\$	118,750	\$	100,000	\$	
Weighted-average fixed rate		0.773%		0.758%		
Floating rate	1 M	Ionth LIBOR	1 M	onth LIBOR		

## **Balance Sheet Presentation**

The following table summarizes the gross fair value of derivative instruments by the appropriate balance sheet classification even when the derivative instruments are subject to netting arrangements and qualify for net presentation on the balance sheet and the net recorded fair value as reflected on the balance sheet at December 31:

		Asset De	rivatives	Liability D	erivatives
Туре	<b>Balance Sheet Location</b>	2013	2012 (in thou	2013 isands)	2012
Commodity contracts	Short-term derivative instruments	\$ 21,759	\$ 48,901	\$ 19,739	\$ 8,072
Interest rate swaps	Short-term derivative instruments	845		3,287	3,575
Gross fair value		22,604	48,901	23,026	11,647
Netting arrangements	Short-term derivative instruments	(13,315)	(6,980)	(13,315)	(6,980)
Net recorded fair value	Short-term derivative instruments	\$ 9,289	\$ 41,921	\$ 9,711	\$ 4,667
Commodity contracts	Long-term derivative instruments	\$ 83,295	\$ 46,685	\$ 38.495	\$ 37,866
Interest rate swaps	Long-term derivative instruments	39	Ψ 10,002	2,303	3,263
·	Long-term derivative instruments		46.605	,	,
Gross fair value		83,334	46,685	40,798	41,129
Netting arrangements	Long-term derivative instruments	(34,718)	(29,506)	(34,718)	(29,506)

Net recorded fair value Long-term derivative instruments \$ 48,616 \$ 17,179 \$ 6,080 \$ 11,623

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

## NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

#### Gains & Losses on Derivatives

We do not designate derivative instruments as hedging instruments for financial reporting purposes and neither did our predecessor. Accordingly, all gains and losses, including unrealized gains and losses from changes in the derivative instruments—fair values, have been recorded in the accompanying statements of operations. The following table details the gains and losses related to derivative instruments for the years ending December 31, 2013 and 2012:

	Statements of	Years l	
<b>Derivative Instruments</b>	Operations Location	Decemb 2013 (in thou	2012
Commodity derivative contracts	(Gain) loss on commodity derivative instruments	\$ (29,294)	\$ (34,905)
Interest rate swaps	Interest expense, net	(239)	5,582

## Note 6. Asset Retirement Obligations

Asset retirement obligations primarily relate to our portion of future plugging and abandonment of wells and related facilities. The following table represents a reconciliation of the asset retirement obligations for the years ended December 31, 2013 and 2012:

	2013 (in thou	2012 (sands)
Asset retirement obligations at beginning of year	\$ 102,380	\$ 90,699
Liabilities added from acquisitions or drilling	4,227	7,962
Liabilities removed upon sale of wells	(1,765)	(1,931)
Liabilities removed upon plugging and abandoning	(170)	(119)
Accretion expense	5,581	5,009
Revision of estimates	1,516	760
Asset retirement obligations at end of year	111,769	102,380
Less: Current portion	90	390
Asset retirement obligations long-term portion	111,679	101,990

## **Note 7. Restricted Investments**

Various restricted investment accounts fund certain long-term contractual and regulatory asset retirement obligations and collateralize certain regulatory bonds associated with the offshore Southern California oil and gas properties. The components of the restricted investment balance, which are all attributable to our MEMP Segment, are as follows at December 31:

	2013 (in the	2012 ousands)
BOEM platform abandonment (See Note 14)	\$ 66,373	\$ 61,389
BOEM lease bonds	794	776
SPBPC Collateral:		
Contractual pipeline and surface facilities abandonment (See Note 14)	2,306	1,959
California State Lands Commission pipeline right-of-way bond	3,005	3,000
City of Long Beach pipeline facility permit	500	500
Federal pipeline right-of-way bond	307	300
Port of Long Beach pipeline license	100	100
Restricted investments	\$ 73,385	\$ 68,024

## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

## NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

## Note 8. Long Term Debt

Our debt obligations under revolving credit facilities consisted of the following at December 31:

	2013	2012
	(in thou	sands)
MRD Segment:		
Memorial Resource \$1.0 billion revolving credit facility, variable-rate, terminated December 2013	\$	\$ 80,000
10.00%/10.75% senior PIK toggle notes due December 2018(1)	350,000	
10.00%/10.75% senior PIK toggle notes unamortized discounts	(6,950)	
WildHorse \$1.0 billion revolving credit facility, variable-rate, due April 2018	203,100	202,200
WildHorse \$325.0 million second lien term facility, variable-rate, due December 2018	325,000	
Black Diamond \$150.0 million revolving credit facility, variable-rate, terminated November 2013		27,000
BlueStone \$150.0 million revolving credit facility, variable-rate, terminated August 2013		
Subtotal	871,150	309,200
MEMP Segment:		
MEMP \$2.0 billion revolving credit facility, variable-rate, due March 2018	103,000	371,000
7.625% senior notes, fixed-rate, due May 1, 2021(2)	700,000	
7.625% senior notes unamortized discounts	(10,933)	
WHT \$400.0 million revolving credit facility, variable-rate, terminated March 2013		89,300
Tanos \$250.0 million revolving credit facility, variable-rate, terminated April 2013		25,250
Stanolind \$250.0 million revolving credit facility, variable-rate, due July 2017		85,750
Boaz \$75.0 million revolving credit facility, variable-rate, terminated October 2013		29,500
Crown \$75.0 million revolving credit facility, variable-rate, terminated October 2013		13,882
Propel Energy \$200.0 million revolving credit facility, variable-rate, due June 2015		15,500
Subtotal	792,067	630,182
	, , , , ,	,
Total long-term debt	\$ 1,663,217	\$ 939,382

Each of the revolving credit facilities contain customary covenants and restrictive provisions including but not limited to: (i) limitation on indebtedness and liens, (ii) limitations on restricted payments, (iii) limitation on investments and acquisitions, (iv) limitations on transactions with affiliates, (v) limitation on mergers, consolidation and asset sales, and (vi) limitations on commodity hedging and interest rate hedging. Each of the revolving credit facilities also includes financial maintenance covenants that require each borrower to meet certain financial performance criteria periodically (e.g., minimum interest coverage ratio and maximum leverage). The definitions and required ratios are set forth in each credit facility.

<sup>(1)</sup> The estimated fair value of this fixed-rate debt was \$348.3 million. The estimated fair value is based on quoted market prices and is classified as Level 2 within the fair value hierarchy.

<sup>(2)</sup> The estimated fair value of this fixed-rate debt was \$721.0 million. The estimated fair value is based on quoted market prices and is classified as Level 2 within the fair value hierarchy.

Each of the credit facilities contain customary and other events of default including but not limited to: (i) failure to make payments when due, (ii) breach of any covenants continuing beyond the cure period, (iii) default under any other material debt, (iv) change in management or change of control, and (v) certain material adverse effects on the business of the loan parties. Upon an event of default, revolving credit commitments could be terminated and any outstanding indebtedness under such revolving credit facility, together with accrued interest, fees and other obligations under such credit facility, could be declared immediately due and payable.

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

## NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

## **Borrowing Base**

Credit facilities tied to borrowing bases are common throughout the oil and gas industry. Each of the revolving credit facilities borrowing base is subject to redetermination on at least a semi-annual basis primarily based on estimated proved reserves. The borrowing base for each credit facility was the following at December 31:

	2013 (in thousands)
MRD Segment:	
WildHorse \$1.0 billion revolving credit facility, variable-rate, due April 2018	300,000
MEMP Segment:	
MEMP \$2.0 billion revolving credit facility, variable-rate, due March 2018	845,000
Total borrowing base	1,145,000

## Weighted-Average Interest Rates

The following table presents the weighted-average interest rates paid on variable-rate debt obligations for the periods presented:

		For the Year Ended December 31,	
Credit facility	2013	2013 2012	
MRD Segment:			
Memorial Resource	3.17%	4.11%	
Classic	n/a	4.50%	
WildHorse revolver	2.30%	3.00%	
WildHorse second lien	7.60%	n/a	
Black Diamond	3.97%	3.62%	
BlueStone	n/a	n/a	
MEMP Segment:			
MEMP	3.25%	2.74%	
Tanos	3.10%	2.31%	
WHT	2.29%	2.60%	
REO	n/a	3.40%	
Stanolind	3.52%	3.76%	
Crown	3.38%	4.20%	
Propel Energy	3.08%	3.28%	

Generally, borrowings under each revolving credit facility bear interest, at the borrower's option, at either: (i) the Alternative Base Rate (as defined within each credit facility) plus a margin that varies according to the borrowing base usage (which is the ratio of outstanding borrowings and letters of credit to the borrowing base then in effect), or (ii) the applicable LIBOR plus a margin that varies according to the borrowing base usage. The unused portion of the borrowing base will be subject a commitment fee that may vary from 0.375% to 0.50% per annum according to the borrowing base usage.

Memorial Resource Revolving Credit Agreement & Senior Notes

On July 13, 2012, Memorial Resource entered into a two-year \$50.0 million senior secured revolving credit facility with an initial borrowing base of \$35.0 million. Memorial Resource pledged 7,061,294 of MEMP

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

common units and 5,360,912 of MEMP subordinated units as security under the revolving credit facility as well as its oil and gas properties and certain other assets of Memorial Resource. This revolving credit facility was also guaranteed by certain of Memorial Resource s wholly-owned subsidiaries.

On November 20, 2012, Memorial Resource entered into a first amendment to its credit agreement, which among other things: (i) increased the aggregate maximum credit to \$1.0 billion, (ii) increased the borrowing base to \$120.0 million and (iii) extended the maturity date to November 20, 2016. On April 25, 2013, Memorial Resource entered into a second amendment to its credit agreement, which among other things: (i) increased the borrowing base to \$170.0 million and (ii) designated Tanos together with its consolidating subsidiaries as additional guarantors. On October 1, 2013, Tanos and its consolidating subsidiaries were removed as guarantors and the borrowing base was reduced to \$120.0 million. On November 1, 2013, Memorial Resource entered into a third amendment to its credit agreement, which among other things: (i) designated Black Diamond together with its consolidating subsidiaries as additional guarantors, (ii) reduced the borrowing base to \$100.0 million, and (iii) permitted second lien indebtedness. On November 22, 2013, the borrowing base was automatically reduced to \$60.0 million upon Memorial Resource s sale of 7,061,294 MEMP common units in a secondary offering.

On December 18, 2013, indebtedness then outstanding under the revolving credit facility of \$59.7 million and all accrued interest was paid off in full and the revolving credit facility was terminated in connection with the issuance of senior notes discussed below.

On December 18, 2013, Memorial Resource and its wholly-owned subsidiary, Memorial Resource Finance Corp. (MRD Finance Corp. and collectively, the MRD Issuers), completed a private placement of \$350.0 million in aggregate principal amount of 10.00% / 10.75% Senior PIK Toggle Notes due 2018 (the PIK notes). The PIK notes were issued at 98% of par and will mature on December 15, 2018. Net proceeds from the private offering were used: (i) to repay all indebtedness then outstanding under Memorial Resource's revolving credit facility, (ii) to establish a cash reserve of \$50.0 million for the payment of interest on the PIK notes, (iii) to pay a \$210.0 million distribution to the Funds, and (iv) for general company purposes.

Interest on the PIK notes will be payable semi-annually in arrears on June 15 and December 15 of each year, commencing on June 15, 2014. Subject to conditions in the indenture governing the PIK notes, Memorial Resource will be required to pay interest on the PIK notes in cash or through issuing additional notes (such an issuance, PIK Interest). The interest rate on the PIK notes is 10.00% per annum for interest paid in cash or 10.75% per annum for PIK Interest. PIK Interest will be paid by issuing additional notes having the same terms as the PIK notes. The PIK notes are subject to optional redemption at prices specified in the indenture plus accrued and unpaid interest, if any. The MRD Issuers may also be required to repurchase the PIK notes upon a change of control.

At the time the PIK notes were issued, all of Memorial Resource subsidiaries other than MEMP and BlueStone (and their respective subsidiaries) were designated as restricted subsidiaries. The indenture governing the PIK notes contains customary covenants and restrictive provisions that apply to both Memorial Resource and its restricted subsidiaries, many of which will terminate if at any time no default exists under the indenture and the PIK notes receive an investment grade rating from both of two specified ratings agencies. The PIK notes are fully and unconditionally guaranteed on a senior unsecured basis by all of Memorial Resource s restricted subsidiaries, except MEMP GP, WildHorse and MRD Royalty LLC.

The indenture also provides for customary and other events of default. In the case of an event of default arising from certain events of bankruptcy or insolvency, all outstanding PIK notes will become due and payable immediately without further action or notice. If any other event of default occurs and is continuing, the trustee or the holders of at least 25% in principal amount of the then outstanding PIK notes may declare all the PIK notes to be due and payable immediately.

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

## Classic Revolving Credit Facility

On November 1, 2007, Classic entered into a four-year, \$150.0 million revolving credit facility, which was collateralized by its oil and gas properties. The revolving credit facility was amended on June 21, 2010 to extend the maturity date to June 21, 2014. On November 20, 2012, indebtedness then outstanding under the revolving credit facility of \$80.0 million and all accrued interest was paid off in full with borrowings under the Memorial Resource revolving credit facility and the Classic revolving credit facility was terminated.

#### WildHorse Revolving Credit Facility & Second Lien Facility

On May 12, 2010, WildHorse entered into a revolving credit facility. Borrowings under the amended revolving credit facility are secured by liens on substantially all of WildHorse s properties, but in any event, not less than 80% of the total value of the WildHorse s oil and natural gas properties.

On April 3, 2013, WildHorse entered into an amended and restated credit agreement. The new revolving credit facility provides for aggregate maximum credit amounts at any time of \$1.0 billion, consisting of borrowings and letters of credit and has an initial borrowing base of \$300.0 million. The new revolving credit facility matures on April 13, 2018. The borrowing base is subject to redetermination on at least a semi-annual basis. Borrowings under the revolving credit facility are secured by liens on substantially all of WildHorse s properties, but in any event, not less than 80% of the total value of the WildHorse s oil and natural gas properties.

On June 13, 2013, WildHorse entered into a \$325.0 million second lien term loan agreement and matures on December 13, 2018. No amount of second lien term loans once repaid may be reborrowed. Borrowings bear interest, at the borrower's option, at either: (i) the Alternative Base Rate (as defined within each credit facility) plus 5.25% per annum or (ii) the applicable LIBOR plus 6.25% per annum. Borrowings under the second lien term loan agreement are secured by second-priority liens on substantially all of WildHorse's properties, but in any event, not less than 80% of the total value of the WildHorse's oil and natural gas properties. The priority of the security interests in the collateral and related creditors rights is set forth in an intercreditor agreement. The second lien term loan agreement contains customary affirmative and negative covenants, restrictive provisions and events of default.

On June 13, 2013, WildHorse borrowed \$325.0 million under its second lien term loan agreement and used such borrowings to reduce outstanding indebtedness under its revolving credit facility and to pay a one-time special \$225.0 million distribution to Memorial Resource. This \$225.0 million distribution was subsequently distributed to NGP.

## Black Diamond Revolving Credit Facility

On July 27, 2011, the Black Diamond entered into a second amended and restated revolving credit facility, which extended the maturity date of the original agreement to May 9, 2015. Borrowings under the revolving credit facility were collateralized by Black Diamond s oil and natural gas properties. On November 1, 2013, the Black Diamond revolving credit facility was terminated. There was no indebtedness outstanding or accrued interest payable on such date.

## BlueStone Revolving Credit Facility

On July 8, 2009, BlueStone entered into a \$150.0 million revolving credit facility with various lenders. The line of credit was available until July 8, 2012, at which time all principal and accrued interest amounts would have been payable. On June 25, 2010, BlueStone refinanced its existing credit agreement and entered into a new

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

\$150.0 million revolving credit facility. Amounts outstanding under this credit facility were payable on June 25, 2014. There were no amounts outstanding under these facilities at December 31, 2012. Borrowings under the revolving credit facility were secured by BlueStone s assets and its equity interests in its subsidiaries. On August 27, 2013, the BlueStone revolving credit facility was terminated. There was no indebtedness outstanding or accrued interest payable on such date.

## MEMP Revolving Credit Facility & Senior Notes

OLLC is a party to a \$2.0 billion revolving credit facility, which is guaranteed by MEMP and certain of its current and future subsidiaries. A sixth amendment to the credit agreement was entered into on September 23, 2013, which among other things: (i) increased the facility from \$1.0 billion to \$2.0 billion and (ii) increased the borrowing base from \$480.0 million to \$920.0 million upon the closing of MEMP s \$603.0 million acquisition that closed October 1, 2013. The borrowing base was automatically reduced by \$100.0 million in conjunction with the issuances of senior notes in April and May 2013 as discussed below in accordance with the terms of the credit facility. On October 10, 2013, the borrowing base was automatically reduced by \$75.0 million in conjunction with the issuance of additional senior notes.

Borrowings under the revolving credit facility are secured by liens on substantially all of MEMP  $\,$ s properties, but in any event, not less than 80% of the total value of MEMP  $\,$ s oil and natural gas properties, and all of MEMP  $\,$ s equity interests in OLLC and any future guarantor subsidiaries (other than San Pedro Bay Pipeline Company) and all of MEMP  $\,$ s other assets including personal property.

On April 17, 2013, MEMP and its wholly-owned subsidiary, Memorial Production Finance Corporation (Finance Corp. and collectively, the Issuers ), completed a private placement of \$300.0 million aggregate principal amount of 7.625% senior unsecured notes due 2021 (the Senior Notes ). The Senior Notes were issued at 98.521% of par and are fully and unconditionally guaranteed (subject to customary release provisions) on a joint and several basis by all of MEMP s subsidiaries (other than Finance Corp., which is co-issuer of the Senior Notes, and certain immaterial subsidiaries). On May 23, 2013, the Issuers issued an additional \$100.0 million aggregate principal amount of the Senior Notes at 102% of par. On October 10, 2013, the Issuers issued additional \$300.0 million aggregate principal amounts at 97% of par. The Senior Notes will mature on May 1, 2021 with interest accruing at a rate of 7.625% per annum and payable semi-annually in arrears on May 1 and November 1 of each year, commencing November 1, 2013. The Senior Notes are governed by an indenture. The Senior Notes are subject to optional redemption at prices specified in the indenture plus accrued and unpaid interest, if any. The Issuers may also be required to repurchase the Senior Notes upon a change of control. The indenture contains customary covenants and restrictive provisions, many of which will terminate if at any time no default exists under the indenture and the Senior Notes receive an investment grade rating from both of two specified ratings agencies. The indenture also provides for customary and other events of default. In the case of an event of default arising from certain events of bankruptcy or insolvency with respect to either of the Issuers, all outstanding Senior Notes will become due and payable immediately without further action or notice. If any other event of default occurs and is continuing, the trustee or the holders of at least 25% in principal amount of the then outstanding Senior Notes may declare all the Senior Notes to be due and payable immediately. The Issuers have agreed pursuant to registration rights agreements to file an exchange offer registration statement or, under certain circumstances, a shelf registration statement with respect to the Senior Notes no later than April 17, 2014.

Tanos Revolving Credit Facility

On December 16, 2010, Tanos entered into an amended and restated credit agreement with various lenders, which consisted of a four-year, \$250 million revolving credit facility, which was collateralized by Tanos oil and

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

gas properties. On April 1, 2013, indebtedness then outstanding under the revolving credit facility of \$27.0 million was repaid and on April 25, 2013 all accrued interest was paid off in full and the Tanos revolving credit facility was terminated.

## WHT Revolving Credit Facility

On April 8, 2011, WHT entered into a revolving credit facility. Borrowings under the revolving credit facility were secured by liens on substantially all of WHT s properties, but in any event, not less than 80% of the total value of the WHT s oil and natural gas properties. On March 28, 2013, the debt balance then outstanding under the revolving credit facility of \$89.3 million and all accrued interest was paid off in full and the WHT revolving credit facility was terminated.

#### Stanolind Revolving Credit Facility

On September 9, 2010, Stanolind entered into a multi-year \$50.0 million senior secured revolving credit agreement, which is collateralized by substantially all of Stanolind s oil and gas properties. During 2012, the credit agreement was amended, which among other things: (i) increased the aggregate maximum credit to \$250.0 million and (ii) increased the borrowing base to \$75.0 million. The borrowing base was redetermined subsequent to the amendment date and set at \$97.0 million. The maturity date of the credit facility was July 13, 2017. All of Stanolind s indebtedness outstanding under the revolving credit facility was attributable to Stanolind SPV. On October 1, 2013, the debt balance then outstanding under the revolving credit facility and all accrued interest was paid off in full by MEMP on behalf of Stanolind.

## Boaz Revolving Credit Facility

On August 1, 2011, Boaz entered into a multi-year \$75.0 million senior secured revolving credit agreement, which was collateralized by substantially all of Boaz s oil and gas properties. The maturity date of the credit facility was August 31, 2015. On October 1, 2013, the debt balance then outstanding under the revolving credit facility and all accrued interest was paid off in full and the Boaz revolving credit facility was terminated.

## Crown Revolving Credit Facility

On January 28, 2010, Crown entered into a multi-year \$75.0 million senior secured revolving credit agreement, which was collateralized by substantially all of Crown s oil and gas properties. The maturity date of the credit facility was October 25, 2016. On October 1, 2013, the debt balance then outstanding under the revolving credit facility and all accrued interest was paid off in full and the Crown revolving credit facility was terminated.

## Propel Energy Revolving Credit Facility

On June 15, 2011, Propel Energy entered into a multi-year \$200.0 million senior secured revolving credit agreement, which was collateralized by substantially all of Propel Energy s oil and gas properties. The maturity date of the credit facility was June 15, 2015. All of Propel Energy s indebtedness outstanding under the revolving credit facility was attributable to Propel SPV. On October 1, 2013, the debt balance then outstanding under the revolving credit facility and all accrued interest was paid off in full by MEMP on behalf of Propel Energy.

## REO Revolving Credit Facility

On October 26, 2011, REO entered into a three-year, \$150.0 million revolving credit facility, which was collateralized by its assets. On December 12, 2012, indebtedness then outstanding under the revolving credit facility of \$28.5 million and all accrued interest was paid off in full and the revolving credit facility was terminated.

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

## NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

## **Unamortized Deferred Financing Costs**

Unamortized deferred financing costs associated with our combined debt obligations were as follows at December 31:

	2013 (in thou	2012 (sands)
MRD Segment:	Ì	
Memorial Resource revolving credit facility	\$	\$ 653
PIK notes	8,261	
Classic revolving credit facility		160
WildHorse revolving credit facility	2,436	921
WildHorse second lien term loan	9,030	
Black Diamond revolving credit facility		233
MEMP Segment:		
MEMP revolving credit facility	5,413	3,359
Senior Notes	15,053	
Tanos revolving credit facility		416
WHT revolving credit facility		1,419
Stanolind revolving credit facility		580
Boaz revolving credit facility		153
Crown revolving credit facility		96
Propel Energy revolving credit facility		236
	\$ 40,193	\$ 8,226

## **Note 9. Noncontrolling Interests**

Noncontrolling interests is the portion of equity ownership in our majority-owned subsidiaries not attributable to us and primarily consists of the equity interests held by: (i) the limited partners of MEMP, excluding units held by MRD; (ii) a third party investor in the San Pedro Bay Pipeline Company; and (iii) certain current or former key employees of certain of our subsidiaries.

Distributions paid to the limited partners of MEMP primarily represent the quarterly cash distributions paid to MEMP s unitholders, excluding those paid to Memorial Resource.

Contributions received from limited partners of MEMP primarily represent net cash proceeds received from common unit offerings. On March 25, 2013, MEMP sold 9,775,000 of its common units in an underwritten equity offering, which generated net cash proceeds of approximately \$171.8 million after deducting underwriting discounts and offering expenses. The net proceeds from this equity offering partially funded MEMP s acquisition of all of the outstanding equity interests in WHT. On October 8, 2013, MEMP sold 16,675,000 of its common units

in an underwritten equity offering, which generated net cash proceeds of approximately \$318.3 million after deducting underwriting discounts and offering expenses. The net proceeds from this equity offering were used to repay a portion of outstanding borrowings under the MEMP revolving credit facility. In December 2012, MEMP sold 11,975,000 of its common units in an underwritten equity offering, which generated net cash proceeds of \$194.3 million. The net proceeds from this equity offering partially funded MEMP s December 2012 acquisition.

On April 1, 2013, Tanos management team sold its 1.066% interest in Tanos to Memorial Resource and all incentive units held were forfeited. See Note 11 for further information.

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

In connection with this sale, all of Tanos employees resigned and became employees of Tanos Exploration II, LLC ( Tanos II ), a Texas limited liability company controlled by the former management team of Tanos. Effective April 1, 2013, Tanos II entered into a transition services agreement with Tanos, whereby Tanos II would manage the operations of Tanos for up to a 6-month period of time. Tanos II is an unrelated entity.

On November 1, 2013, Memorial Resource purchased the noncontrolling interests in Black Diamond, Classic GP and Classic and all incentive units were forfeited. See Note 11 for further information.

In connection with the purchase of the remaining noncontrolling interests in Black Diamond, all of Black Diamond s employees resigned and certain of them became members of DBD Partners, LLC (DBD), a Delaware limited liability company controlled by the former management team of Black Diamond. Effective November 1, 2013, DBD entered into a transition services agreement with Black Diamond, whereby DBD would manager the operations of Black Diamond for up to a 12 month period of time. DBD is an unrelated entity.

#### Note 10. Long-Term Incentive Plan

In December 2011, the Memorial Production Partners GP LLC Long-Term Incentive Plan (LTIP) was adopted for employees, officers, consultants and directors of MEMP GP and any of its affiliates, including Memorial Resource, who perform services for MEMP. The LTIP consists of restricted units, phantom units, unit options, unit appreciation rights, distribution equivalent rights, other unit-based awards and unit awards. The LTIP initially limits the number of common units that may be delivered pursuant to awards under the plan to 2,142,221 common units. Common units that are cancelled, forfeited or withheld to satisfy exercise prices or tax withholding obligations will be available for delivery pursuant to other awards. During the years ended December 31, 2013 and 2012, there were multiple awards of restricted common units that were granted under the LTIP to executive officers and independent directors of MEMP GP and other Memorial Resource employees who provide services for MEMP.

The restricted common units awarded are subject to restrictions on transferability, customary forfeiture provisions and graded vesting provisions. Award recipients have all the rights of a unitholder in MEMP with respect to the restricted common units, including the right to receive distributions thereon if and when distributions are made by MEMP to its unitholders (except with respect to the fourth quarter 2011 distribution that was paid in February 2012). The term—restricted common unit—represents a time-vested unit. Such awards are non-vested until the required service period expires.

Based on the market price per unit on the date of grant, the aggregate fair value of the restricted common units awarded to MEMP GP s executive officers and other Memorial Resource employees during the years ended December 31, 2013 and 2012 was \$9.7 million and \$5.0 million, respectively. The restricted common units granted are accounted for as equity-classified awards. The grant-date fair value net of estimated forfeitures is recognized as compensation cost on a straight-line basis over the requisite service period. The fair value of the restricted unit awards granted to the independent directors of MEMP GP are also recognized as compensation cost on a straight-line basis over the requisite service period. The compensation costs associated with these awards are recorded as general and administrative expenses.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

The following table summarizes information regarding restricted common unit awards for the periods presented:

		Weighted Average Grant		
	Number of Units		Fair Value Unit(1)	
Restricted common units outstanding at January 1, 2012		\$		
Granted(2)	287,943	\$	18.07	
Forfeited	(2,334)	\$	17.14	
Restricted common units outstanding at December 31, 2012	285,609	\$	18.08	
Granted(3)	524,718	\$	18.83	
Forfeited	(11,734)	\$	17.24	
Vested	(91,666)	\$	18.31	
Restricted common units outstanding at December 31, 2013	706,927	\$	18.62	

- (1) Determined by dividing the aggregate grant date fair value of awards by the number of awards issued.
- (2) The aggregate grant date fair value of restricted common unit awards issued in 2012 was \$5.2 million based on grant date market prices of MEMP ranging from of \$17.14 to \$18.58 per unit.
- (3) The aggregate grant date fair value of restricted common unit awards issued in 2013 was \$9.9 million based on grant date market prices of MEMP ranging from of \$18.33 to \$20.35 per unit.

The unrecognized compensation cost associated with restricted common unit awards was an aggregate \$9.9 million at December 31, 2013, which will be recognized over a weighted-average period of 2.2 years.

Since the restricted common units are participating securities of MEMP, any distributions received by the restricted common unitholders are reflected as a component of cash distributions to noncontrolling interest as presented on our statements of consolidated and combined cash flows. During the years ended December 31, 2013 and 2012, the restricted common unitholders received a distribution of approximately \$1.0 million and \$0.2 million, respectively.

### **Note 11. Incentive Units**

Each of the governing documents of BlueStone Holdings, Tanos, WildHorse, Classic, Black Diamond and Memorial Resource either currently provide or previously provided for the issuance of incentive units. The incentive units are subject to performance conditions that affects their vesting. Compensation cost is recognized only if the performance condition is probable of being satisfied at each reporting date.

BlueStone Holdings, Tanos, WildHorse, Classic, Black Diamond and Memorial Resource each granted incentive units to certain of its members who were key employees at the time of grant. Holders of incentive units are entitled to distributions ranging from 10% to 31.5% when declared, but only after cumulative distribution thresholds ( payouts ) have been achieved. Payouts are generally triggered after the recovery of specified members capital contributions plus a rate of return. On December 14, 2011 and in connection with MEMP s initial public offering, BlueStone Holdings Special Tier and Tier I unit holders vested in their respective awards. Tier I unit holders will participate in 16.5% of any future distributions made by BlueStone Holdings.

Vesting of the incentive units is generally dependent upon an explicit service period, a fundamental change as defined in the respective governing document, and achievement of payout. All incentive units not vested are forfeited if an employee is no longer employed. All incentive units will be forfeited if a holder resigns whether the incentive units are vested or not. If the payouts have not yet occurred, then all incentive units, whether or not vested, will be forfeited automatically (unless extended).

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

Except for the following, no compensation cost has been recorded related to incentive units for the years ended December 31, 2013 and 2012:

During 2012, a special distribution of \$9.5 million was approved and declared to the WildHorse incentive unit holders as an advance on a future potential final distribution. This special distribution was included in general and administrative expense in the accompanying statement of operations for the year ended December 31, 2012.

On April 1, 2013, Tanos management team sold its 1.066% interest in Tanos to Memorial Resource and all incentive units held were forfeited. Compensation expense of approximately \$5.8 million was recorded by Tanos and recognized as general and administrative expense during April 2013.

Compensation expense of approximately \$19.1 million was recorded by BlueStone and recognized as general and administrative expense during July 2013. Net proceeds generated from the sale of oil and gas properties (see Note 3) were used to pay the distribution.

On November 1, 2013, Memorial Resource purchased the noncontrolling interests in Black Diamond, Classic GP and Classic and all incentive units were forfeited. Total consideration remitted by Memorial Resource was approximately \$28.5 million, of which \$2.0 million is payable in quarterly installments commencing February 1, 2014. Compensation expense of approximately \$12.6 million was recorded by Black Diamond, Classic GP and Classic in the aggregate and recognized as general and administrative expense during November 2013.

In connection with the PIK notes issued in December 2013, a special distribution of \$10.0 million to holders of WildHorse s Tier 1 incentive units was deemed probable of occurring. This amount was recognized as compensation expense in December 2013 with a corresponding amount in accrued liabilities on our balance sheet at December 31, 2013 as payment was not made until January 2, 2014.

In connection with the Offering, certain former management members of WildHorse Resources will contribute their 0.1% membership interest in WildHorse as well as their incentive units in exchange for shares of common stock of MRDC and cash consideration. As such, WildHorse is expected to recognize additional compensation cost in 2014 upon the closing of the Offering.

### **Note 12. Related Party Transactions**

Common Control Transactions between MEMP and Other Memorial Resource Subsidiaries

During the year ended December 31, 2012, MEMP acquired additional oil and natural gas properties from Tanos and Classic. MEMP acquired all of the outstanding membership interests in WHT from WildHorse and Tanos on March 28, 2013; acquired all the outstanding membership interests in Prospect Energy from Black Diamond on October 1, 2013; acquired all of the outstanding membership interests in Tanos from Memorial Resource on October 1, 2013; and acquired the MRD Assets from Memorial Resource on October 1, 2013. These intercompany transactions eliminate in preparation of our consolidated and combined financial statements.

### **Beta Acquisition**

On December 12, 2012, MEMP acquired REO, which owns certain operating interests in producing and non-producing oil and gas properties offshore Southern California, from Rise for a purchase price of \$270.6 million, which included \$3.0 million of working capital and other customary adjustments. The Beta acquisition was funded with borrowings under MEMP s revolving credit facility and the net proceeds generated

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

from its December 12, 2012 public offering of common units. The effective date for this transaction was September 1, 2012. The acquired properties, which are referred to as the Beta properties, primarily consist of a 51.75% working interest in three Pacific Outer Continental Shelf blocks covering the Beta Field, and are located in federal waters approximately eleven miles offshore the Port of Long Beach, California. Associated facilities include three conventional wellhead and production processing platforms, a 17.5-mile pipeline and an onshore tankage and metering facility. Two of the platforms are bridge connected and stand in approximately 260 feet of water, while the third platform stands in approximately 700 feet of water. This acquisition was accounted for as a combination of entities under common control at historical cost in a manner similar to the pooling of interest method. MEMP recorded the following net assets (in thousands):

Cash and cash equivalents	\$ 6,021
Accounts receivable	16,284
Short-term derivative instruments, net	2,926
Prepaid expenses and other current assets	4,521
Oil and natural gas properties, net	108,342
Restricted investments	68,009
Accounts payable	(9,092)
Accrued liabilities	(9,140)
Asset retirement obligations	(58,746)
Credit facilities	(28,500)
Deferred tax liability	(1,674)
Noncontrolling interest	(5,255)
Net assets	\$ 93,696

An affiliate of REO collected a management fee for providing administrative services to REO. These administrative services included accounting, business development, finance, legal, information technology, insurance, government regulations, communications, regulatory, environmental and human resources services. REO incurred and paid management fees of \$1.6 million during the year ended December 31, 2012. These management fees are presented as a component of general and administrative costs and expenses in the accompanying statements of operations.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

### October 2013 Cinco Group Acquisition

On October 1, 2013, MEMP acquired, through equity and asset transactions, oil and natural gas properties primarily in the Permian Basin, East Texas and the Rockies from Memorial Resource and certain affiliates of NGP for an aggregate preliminary purchase price of approximately \$603 million (subject to customary post-closing adjustments), of which approximately \$507.1 million was received by certain affiliates of NGP. We refer to this transaction as the Cinco Group acquisition. The Cinco Group acquisition was funded with borrowings under MEMP s revolving credit facility. The Cinco Group acquisition was accounted for as a combination of entities under common control at historical cost in a manner similar to the pooling of interest method.

Cash and cash equivalents	\$	2,820
Accounts receivable		5,184
Prepaid expenses and other current assets		1,454
Oil and natural gas properties, net	3	342,759
Other long-term assets		344
Accounts payable		(2,346)
Revenue payable		(2,910)
Accrued liabilities		(1,799)
Short-term derivative instruments, net		(1,828)
Long-term derivative instruments, net		(826)
Asset retirement obligations		(9,606)
Credit facilities	(	151,690)
Net assets	\$	181,556

### Net Profits Interest Sold to NGP

Upon the completion of the 2010 Petrohawk and Clayton Williams acquisitions, WildHorse sold a net profits interest in these properties to NGPCIF. Upon the acquisition of the Petrohawk properties WildHorse immediately sold a net profits interest of 6.25% for all producing well bores and the right to participate in a 3.125% net profits interest in non-producing wellbores for the subject area for \$19.5 million, or \$19.1 million after adjustments. Upon the acquisition of the Clayton Williams properties, WildHorse immediately sold a net profits interest of 23.5% for all producing wellbores and the right to participate in a 10.0% net profits interest in non-producing wellbores for the subject area for \$19.8 million, or \$19.9 million after adjustments. No gain or loss was recorded from these two transactions.

The net profits agreements for these transactions provide for a fixed fee of \$20,000 per month for overhead and management in lieu of COPAS (Council of Petroleum Accountants Societies) billings. The net profits agreements do not provide for an overhead adjustment factor for this monthly charge, as suggested by COPAS. Quarterly net payments are made to NGPCIF for its net profits interest in the Petrohawk and Clayton Williams acquisitions. The net payments include credits for revenue receipts which are offset with production costs, capital expenditures and the management fee and are adjusted for any acquisition settlements received or paid and any other miscellaneous adjustments. As required by such agreements, WildHorse cannot collect funds owed by NGPCIF to WildHorse, but WildHorse can net amounts due from future quarterly payments.

As a result of these transactions, WildHorse paid NGPCIF a total of \$2.6 million and \$2.3 million during 2013 and 2012, respectively. NGPCIF owed WildHorse \$0.2 million at December 31, 2013. WildHorse owed NGPCIF \$0.4 million at December 31, 2012.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

On February 28, 2014, WildHorse repurchased these net profits interests from NGPCIF for a purchase price \$63.4 million after customary adjustments. This acquisition was accounted for as a combination of entities under common control at historical cost in a manner similar to the pooling of interest method and our consolidated and combined financial statements presented herein have been retrospectively revised.

### WildHorse Management Services Agreement

WildHorse Resources II, LLC ( WHR II ) is an independent energy company engaged in the acquisition, exploitation, and development of natural gas and crude oil properties. WHR II is a related party and was organized in the State of Delaware on June 3, 2013. A management services agreement was executed on August 8, 2013, where WildHorse began providing general, administrative and employee services to WHR II. On August 8, 2013, a management agreement between WildHorse and WHR II was executed where WildHorse was appointed the manager for WHR II with responsibilities including administrative and land services, operator services and financial and accounting services. As operator, WildHorse receives operated and non-operated revenues on behalf of WHR II and bills and receives joint interest billings. In addition, WildHorse pays for lease operating expenses and drilling costs on behalf of WHR II. On August 8, 2013, an asset and cost sharing agreement between WildHorse and WHR II was executed. As part of the agreement, shared WildHorse costs are allocated between WildHorse and WHR II in accordance with a sharing ratio. The sharing ratio is based on the previous quarters capital expenditures and number of operated wells. Company specific costs are billed directly to the appropriate entity. As a result of these agreements, WildHorse received net payments of \$4.4 million from WHR II during 2013. WildHorse owed WHR II \$2.4 million as of December 31, 2013.

### Cinco Group Transition Service Agreements

MEMP entered into transition service agreements with Propel Energy, Stanolind, and Boaz Energy Partners to ensure that ownership, operation, and maintenance of acquired properties can be smoothly transitioned. The term of these agreements are from October 1, 2013 through February 28, 2014. MEMP expects to pay transition service fees of approximately \$0.8 million in the aggregate under these agreements.

### Other

Effective March 1, 2012, BlueStone entered into an agreement with CH4 Energy III, LLC, an NGP controlled entity, to sell an undivided 25% interest in certain properties in the Mossy Grove Prospect in Walker and Madison Counties located in East Texas. Total cash consideration received by BlueStone was approximately \$7.0 million, which exceeded the net book value of the properties sold by \$6.4 million. Due to common control considerations, the \$6.4 million was recognized in the equity statement as a contribution. The transaction closed on July 13, 2012.

A company affiliated with one of the Classic s employees provided certain land-related services to Classic. Classic paid approximately \$1.0 million to this company for these services in 2012.

Certain of the Cinco Group entities entered into an advisory service, reimbursement, and indemnification agreements with NGP. These agreements generally required that an annual advisory fee be paid to NGP. Fees paid under these agreements for the years ended December 31, 2013 and 2012 were approximately \$0.3 million and \$0.4 million, respectively. Certain of the Cinco Group entities also paid a financing fee equal to a percentage of the capital contributions raised by NGP. These fees were considered a syndication cost and reduced equity contributions for financing fees paid. Fees for the year ended December 31, 2012 was approximately \$0.4 million. There were no fees for the year ended December 31, 2013.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

During 2012, the previous owners received an equity contribution of \$6.9 million of oil and gas properties in the Hendricks Field located in the Permian Basin of Texas by an NGP controlled entity. Due to common control considerations, this equity contribution was recorded at historical cost of the properties.

During 2012, Boaz reimbursed a member of its management team approximately \$0.3 million in general, administrative, and lease operating expenses related to an oral lease agreement between the member of management and a third party for a field office and yard located in Bronte, Texas.

See Note 3 for additional information regarding the divestiture of certain interests in oil and gas properties offshore Louisiana that the previous owners sold during 2012 to an NGP controlled entity.

### Note 13. Business Segment Data

Our reportable business segments are organized in a manner that reflects how management manages those business activities.

We have two reportable business segments, both of which are engaged in the acquisition, exploitation, development and production of oil and natural gas properties. Our reportable business segments are as follows:

MRD reflects the combined operations of Memorial Resource, WildHorse, Classic and Classic GP, Black Diamond, BlueStone, Beta Operating, and MEMP GP.

MEMP reflects the combined operations of MEMP, including the previous owners and any dropdown transactions between MEMP and other Memorial Resource subsidiaries. See Note 1 for additional information regarding dropdown transactions between MEMP and other Memorial Resource subsidiaries.

We evaluate segment performance based on Adjusted EBITDA. Adjusted EBITDA is defined as net income (loss), plus interest expense; income tax expense; depreciation, depletion and amortization; impairment of goodwill and long-lived assets; accretion of asset retirement obligations; losses on commodity derivative contracts and cash settlements received; losses on sale of assets; unit-based compensation expenses; exploration costs; equity loss from MEMP (MRD Segment only); cash distributions from MEMP (MRD Segment only); acquisition related costs; amortization of investment premium; and other non-routine items, less interest income; income tax benefit; gains on commodity derivative contracts and cash settlements paid; equity income from MEMP (MRD Segment only); gains on sale of assets and other non-routine items.

Financial information presented for the MEMP business segment is derived from the underlying consolidated and combined financial statements of MEMP that are publicly available.

Segment revenues and expenses include intersegment transactions. Our combined totals reflect the elimination of intersegment transactions.

In the MRD Segment s individual financial statements, investments in the MEMP Segment that are included in the consolidated and combined financial statements are accounted for by the equity method.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

The following table presents selected business segment information for the periods indicated (in thousands):

			Other Adjustments	Consolidated and
	MRD	MEMP	& Eliminations	Combined Totals
Total revenues:	WILL	14121411	2 minutions	Totals
Year ended December 31, 2013	\$ 231,558	\$ 343,616	\$ (151)	\$ 575,023
Year ended December 31, 2012	138,814	258,423	(369)	396,868
Adjusted EBITDA:				
Year ended December 31, 2013(1)	197,903	222,185	(25,232)	394,856
Year ended December 31, 2012(1)	131,702	179,334	(23,447)	287,589
Segment assets:(2)				
As of December 31, 2013	1,281,134	1,552,307	(4,280)	2,829,161
As of December 31, 2012	1,102,406	1,489,404	(132,506)	2,459,304
Total expenditures for additions to long-lived assets:				
Year ended December 31, 2013	267,870	200,577		468,447
Year ended December 31, 2012	249,526	387,160		636,686

<sup>(1)</sup> Adjustments and eliminations for the years ended December 31, 2013 and 2012 include amounts related to the MRD s Segment equity investments in the MEMP Segment as well the elimination of \$26.0 million and \$19.3 million of cash distributions that MEMP paid Memorial Resource for the years ended December 31, 2013 and 2012, respectively, related to Memorial Resource s partnership interests in MEMP.

### Calculation of Reportable Segments Adjusted EBITDA

	Ended December 31, 2013		
	MRD	МЕМР	Combined Totals
Net income (loss)	\$ 82,243	(in thousands) \$ 20,268	\$ 102,511
Interest expense, net	27.349	41.901	69,250
Income tax expense (benefit)	1,311	308	1,619
DD&A	87,043	97,269	184,312
Impairment of proved oil and natural gas properties	2,527	54,362	56,889
Accretion of AROs	728	4,853	5,581
(Gain) loss on commodity derivative instruments	(3,013)	(26,281)	(29,294)
Cash settlements received on commodity derivative instruments	12,240	19,879	32,119
Gain on sale of properties	(82,773)	(2,848)	(85,621)
Acquisition related costs	1,584	6,729	8,313
Incentive unit compensation expense	43,279	3,558	46,837

For the Year

<sup>(2)</sup> Adjustments and eliminations primarily represent the elimination of the MRD s Segment equity investments in the MEMP Segment. The adjustment at December 31, 2013 also includes \$49.9 million related to an impairment recognized by the MEMP Segment during 2013. This impairment did not exist on a consolidated basis.

Non-cash compensation expense		1,057	1,057
Exploration costs	1,226	1,130	2,356
Equity (income) loss from MEMP	(1,847)		(1,847)
Cash distributions from MEMP	26,006		26,006
Adjusted EBITDA	\$ 197,903	\$ 222,185	\$ 420,088

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

## NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

For the Year Ended December 31, 2012

	End	ed December 31, 2	2012
	MRD	MEMP (in thousands)	Combined Totals
Net income (loss)	\$ (14,641)	\$ 46,518	\$ 31,877
Interest expense, net	12,802	20,436	33,238
Income tax expense (benefit)	(178)	285	107
DD&A	62,636	76,036	138,672
Impairment of proved oil and natural gas properties	18,339	10,532	28,871
Accretion of AROs	632	4,377	5,009
(Gain) loss on commodity derivative instruments	(13,488)	(21,417)	(34,905)
Cash settlements received on commodity derivative instruments	30,188	44,111	74,299
Gain on sale of properties	(2)	(9,759)	(9,761)
Acquisition related costs	403	4,135	4,538
Incentive unit compensation expense	9,510	1,423	10,933
Exploration costs	7,337	2,463	9,800
Amortization of investment premium		194	194
Non-cash equity (income) loss from MEMP	(696)		(696)
Cash distributions from MEMP	19,263		19,263
Adjusted EBITDA	\$ 132,105	\$ 179,334	\$ 311,439

The following table presents a reconciliation of total reportable segments Adjusted EBITDA to net income (loss) for each of the periods indicated.

	For the Years Ended December 31,	
	2013	2012
	(in thou	sands)
Total Reportable Segments Adjusted EBITDA	\$ 420,088	\$ 311,439
Adjustment to reconcile Adjusted EBITDA to net income (loss):		
Interest expense, net	(69,250)	(33,238)
Income tax benefit (expense)	(1,619)	(107)
DD&A	(184,717)	(138,672)
Impairment of proved oil and natural gas properties	(6,600)	(28,871)
Accretion of AROs	(5,581)	(5,009)
Gains (losses) on commodity derivative instruments	29,294	34,905
Cash settlements received on commodity derivative instruments	(32,119)	(74,299)
Gain on sale of properties	85,621	9,761
Acquisition related costs	(8,313)	(4,538)
Incentive unit compensation expense	(46,837)	(10,933)
Non-cash compensation expense	(1,057)	
Exploration costs	(2,356)	(9,800)
Amortization of investment premium		(194)
Cash distributions from MEMP	(26,006)	(19,263)

Non-cash equity (income) loss from WHT & MRD Assets	784	(4,184)
Net income (loss)	\$ 151,332	\$ 26,997

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

## NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

Included below is our consolidated and combined statement of operations disaggregated by reportable segment for the period indicated:

For the Year	
Ended December 31 2013	

	MRD	МЕМР	Other Adjustments & Eliminations	Consolidated and Combined Totals
D		(in th	ousands)	
Revenues:	¢ 220 751	\$ 341,197	\$	\$ 571,948
Oil & natural gas sales Other revenues	\$ 230,751 807	2,419	(151)	3,075
Other revenues	007	2,419	(131)	3,073
Total revenues	231,558	343,616	(151)	575,023
Costs and expenses:				
Lease operating	25,006	88,893	(259)	113,640
Pipeline operating		1,835		1,835
Exploration	1,226	1,130		2,356
Production and ad valorem taxes	9,362	17,784		27,146
Depreciation, depletion, and amortization	87,043	97,269	405	184,717
Impairment of proved oil and natural gas properties	2,527	54,362	(50,289)	6,600
General and administrative	81,758	43,495	105	125,358
Accretion of asset retirement obligations	728	4,853		5,581
(Gain) loss on commodity derivative instruments	(3,013)	(26,281)		(29,294)
(Gain) loss on sale of properties	(82,773)	(2,848)		(85,621)
Other, net	2	647		649
Total costs and expenses	121,866	281,139	(50,038)	352,967
Operating income	109,692	62,477	49,887	222,056
Other income (expense):				
Interest expense, net	(27,349)	(41,901)		(69,250)
Earnings from equity investments	1,066		(1,066)	
Other, net	145			145
Total other income (expense)	(26,138)	(41,901)	(1,066)	(69,105)
Income before income taxes	83,554	20,576	48,821	152,951
Income tax benefit (expense)	(1,311)	(308)		(1,619)
Net income	\$ 82,243	\$ 20,268	\$ 48,821	\$ 151,332

(1)

During the year ended December 31, 2013 the MEMP Segment recorded impairments of \$50.3 million related to certain properties in East Texas. Both the MRD and MEMP Segments own properties in the same field and on a consolidated basis the expected future cash flows exceeded the carrying value, and therefore, did not result in an impairment on a consolidated basis.

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

## NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

For the Year Ended December 31, 2012

		Ellaca Dec	cmser 51, 2012	
			Other Adjustments &	Consolidated and Combined
	MRD	MEMP	Eliminations	Totals
		(in th	ousands)	
Revenues:				
Oil & natural gas sales	\$ 138,032	\$ 255,608	\$ (9)	
Other revenues	782	2,815	(360)	3,237
Total revenues	138,814	258,423	(369)	396,868
Costs and expenses:				
Lease operating	24,438	80,116	(800)	103,754
Pipeline operating		2,114		2,114
Exploration	7,337	2,463		9,800
Production and ad valorem taxes	7,576	16,048		23,624
Depreciation, depletion, and amortization	62,636	76,036		138,672
Impairment of proved oil and natural gas properties	18,339	10,532		28,871
General and administrative	38,414	30,342	431	69,187
Accretion of asset retirement obligations	632	4,377		5,009
(Gain) loss on commodity derivative instruments	(13,488)	(21,417)		(34,905)
(Gain) loss on sale of properties	(2)	(9,759)		(9,761)
Other, net	364	138		502
Total costs and expenses	146,246	190,990	(369)	336,867
Operating income	(7,432)	67,433		60,001
Other income (expense):	(1,10=)	21,122		00,000
Interest expense, net	(12,802)	(20,436)		(33,238)
Amortization of investment premium		(194)		(194)
Earnings from equity investments	4,880		(4,880)	
Other, net	535			535
Total other income (expense)	(7,387)	(20,630)	(4,880)	(32,897)
Income before income taxes	(14,819)	46,803	(4,880)	27,104
Income tax benefit (expense)	178	(285)	, , , , ,	(107)
Net income	\$ (14,641)	\$ 46,518	\$ (4,880)	\$ 26,997
Income before income taxes Income tax benefit (expense)	(14,819) 178	46,803 (285)	(4,880)	27,104 (107

## Note 14. Commitments and Contingencies

### Litigation & Environmental

As part of our normal business activities, we may be named as defendants in litigation and legal proceedings, including those arising from regulatory and environmental matters. Although we are insured against various risks to the extent we believe it is prudent, there is no assurance that the nature and amount of such insurance will be adequate, in every case, to indemnify us against liabilities arising from future legal proceedings. We are not aware of any litigation, pending or threatened, that we believe is reasonably likely to have a significant adverse effect on our financial position, results of operations or cash flows. At December 31, 2012, we had an accrued liability of approximately \$0.1 million relating primarily to a matter that has been settled. We did not have an accrued liability at December 31, 2013.

Environmental costs for remediation are accrued based on estimates of known remediation requirements. Such accruals are based on management s best estimate of the ultimate cost to remediate a site and are adjusted

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

as further information and circumstances develop. Those estimates may change substantially depending on information about the nature and extent of contamination, appropriate remediation technologies and regulatory approvals. Expenditures to mitigate or prevent future environmental contamination are capitalized. Ongoing environmental compliance costs are charged to expense as incurred. In accruing for environmental remediation liabilities, costs of future expenditures for environmental remediation are not discounted to their present value, unless the amount and timing of the expenditures are fixed or reliably determinable. At December 31, 2013, none of our estimated environmental remediation liabilities were discounted to present value since the ultimate amount and timing of cash payments for such liabilities were not readily determinable.

The following table presents the activity of our environmental reserves for the periods presented:

	2013	2012
	(in thou	ısands)
Balance at beginning of period	\$ 1,469	\$ 1,747
Charged to costs and expenses		193
Payments	(892)	(471)
Balance at end of period	\$ 577	\$ 1,469

At December 31, 2013 and 2012, \$0.6 million and \$1.0 million, respectively, of our environmental reserves were classified as current liabilities in accrued liabilities.

### Sinking Fund Trust Agreement

REO assumed an obligation with a third party to make payments into a sinking fund in connection with its 2009 acquisition of the Beta properties, the purpose of which is to provide funds adequate to decommission the portion of the San Pedro Bay pipeline that lies within California state waters and the surface facilities. Under the terms of the agreement, REO, as the operator of the properties, is obligated to make monthly deposits into the sinking fund account in an amount equal to \$0.25 per barrel of oil and other liquid hydrocarbon produced from the acquired working interest. Interest earned in the account stays in the account. The obligation to fund ceases when the aggregate value of the account reaches \$4.3 million. As of December 31, 2013, the gross account balance included in restricted investments was approximately \$2.3 million. REO s maximum remaining obligation net to its 51.75% interest under the terms of the current agreement was \$1.0 million at December 31, 2013.

Supplemental Bond for Decommissioning Liabilities Trust Agreement

REO assumed an obligation with the Bureau of Ocean Energy Management ( BOEM ) in connection with its 2009 acquisition of the Beta properties. Under the terms of the agreement dated March 1, 2007, the seller of the Beta properties was obligated to deliver a \$90.0 million U.S. Treasury Note into a trust account for the decommissioning of the offshore production facilities. At the time of acquisition, all obligations under this existing agreement had been met.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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In January 2010, the BOEM issued a report that revised upward, the estimated cost of decommissioning. In June 2010, REO agreed to make additional quarterly payments to the trust account attributable to its net working interest of approximately \$0.6 million beginning on June 30, 2010 until the payments and accrued interest attributable to REO equal \$78.7 million by December 31, 2016. The trust account must maintain minimum balances attributable to REO s net working interest as follows (in thousands):

June 30, 2014	\$ 68,310
June 30, 2015	\$ 72,450
June 30, 2016	\$ 76,590
December 31, 2016	\$ 78,660

In the event the account balance is less than the contractual amount, the working interest owners must make additional payments. Interest income earned and deposited in the trust account mitigates the likelihood that additional payments will have to be made by the working interest owners. As of December 31, 2013, the maximum remaining obligation net to REO s interest was approximately \$12.2 million.

The trust account is held by REO for the benefit of all working interest owners. The following is a summary of the gross held-to-maturity investments held in the trust account less the outside working interest owners share as of December 31, 2013 (in thousands):

		Unrealized	
	Amortized	Gain	Fair Market
Investment	Cost	(Loss)	Value
U.S. Bank Money Market Cash Equivalent	\$ 105,184	\$	\$ 105,184
U.S. Government Treasury Note, maturity of March 31, 2014, and 1.75% coupon	23,073	93	23,166
Less: Outside working interest owners share	(61,884)	(45)	(61,929)
	\$ 66,373	\$ 48	\$ 66,421

## Processing Plant Expansions by Third Party Gatherer

In 2012, WildHorse contracted with Regency Field Services LLC (the Gatherer ) to expand their Dubach processing plant by up to 70 MMcf per day among other facility and infrastructure improvements. The expansion project was complete and fully operational by July 2013. WildHorse will pay a payback demand fee until the payback demand fees received by the Gatherer plus any third party fees equal 110% of the new facility cost. For each month from the commencement date through the month in which the payout date occurs, WildHorse will pay a payback demand fee equal to the monthly demand quantity (136,200 MMBtu per day) times \$0.26 per MMBtu. In addition, for each MMBtu gathered in excess of the demand quantity, WildHorse will pay a payback demand fee of \$0.26 per MMBtu.

In 2013, WildHorse contracted with the Gatherer to build a new high pressure pipeline from the dedicated area to the Gatherer's Dubberly processing plant in Webster Parish, LA amongst other pipeline and infrastructure improvements. The expansion project was complete and fully operational by mid-December 2013. WildHorse will pay a payback demand fee until the payback demand fees received by the Gatherer plus any third party fees equal to 110% of the pipeline and infrastructure improvement costs. For each month from the commencement date through the month in which the payout date occurs, WildHorse will pay a payback demand fee equal to the monthly demand fee times \$0.31 per MMBtu. In addition, for each MMBtu gathered in excess of the demand quantity, WildHorse will pay a payback demand fee of \$0.31 per MMBtu. The monthly demand quantity is 56,750 MMBtu per day from the Dubberly start-up date through one full year thereafter and then increasing to 113,500 MMBtu per day until payout.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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Pursuant to the agreement, the Gatherer is obligated to process gas up to the maximum daily quantity of 158,000 MMBtu per day from the commencement date of the Dubach facility expansion through the start-up of the Dubberly pipeline. With the start-up of the Dubberly pipeline, the Gatherer is obligated to process gas up to the maximum daily quantity of 214,750 MMBtu per day through one full year thereafter. From and after the first anniversary of the Dubberly start-up date, the Gatherer is obligated to process gas up to the maximum daily quantity of 271,500 MMbtu per day. WildHorse is obligated to deliver all volumes of gas produced from the dedicated area to the Gatherer up to the maximum daily quantity.

Total allowable costs for the Dubach Plant expansion and the Dubberly pipeline (new Facility Costs) cannot exceed \$129.0 million. WildHorse expects that total payments by WildHorse to the Gatherer for the new Facility Costs will not exceed 60% of the total payment amounts after contributions made by other owners. Payments made will reduce revenue associated with the production and are reflected in our reserve report.

WildHorse s minimum commitments to the Gatherer, before other owner contributions, as of December 31, 2013 were as follows (in thousands):

			Total
			Facility
	Dubach	Dubberly	Costs
2014	\$ 12,925	\$ 6,421	\$ 19,346
2015	12,925	12,842	25,767
2016	12,961	12,878	25,839
2017	12,925	12,842	25,767
2018	10,766	10,697	21,463
Total	\$ 62,502	\$ 55,680	\$ 118,182

Subsequent event. The contract with the Gatherer for the Dubach processing plant was amended effective February 1, 2014 where the payback demand fee for the Dubach processing plant increased from \$0.26 to \$0.275 cents per MMbtu. Also, the contract with the Gatherer for the new high pressure pipeline was amended effective February 1, 2014 where the payback demand fee decreased from \$0.31 to \$0.275 cents per MMbtu.

WildHorse s minimum commitments to the Gatherer, before other owner contributions, as of February 1, 2014 were as follows (in thousands):

			Total
			Facility
	Dubach	Dubberly	Costs
2014	\$ 12,510	\$ 5,212	\$ 17,722
2015	13,671	11,393	25,064
2016	13,709	11,424	25,133

2017	13,671	11,393	25,064
2018	12,772	10,643	23,415
Total	\$ 66,333	\$ 50,065	\$ 116,398

## **Operating Leases**

We have leases for offshore Southern California pipeline right-of-way use and office space. We also incur surface rentals related to our business operations. For the years ended December 31, 2013 and 2012, we recognized \$8.3 million and \$5.0 million, respectively, of rent expense.

### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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Amounts shown in the following table represent minimum lease payment obligations under non-cancelable operating leases with a remaining term in excess of one year as of December 31, 2013:

		Payment or Settlement due by Period					
Lease Obligations	Total	2014	2015	2016	2017	2018	Thereafter
			(i	n thousands	s)		
Operating leases	20,325	2,389	2,546	2,583	2,718	2,783	7,306

### **Drilling & Compression Services**

We have entered into drilling and compression services agreements with various terms. Amounts shown in the following table represent our minimum commitments as of December 31, 2013:

Service Agreements	Total					Thereafter	
Drilling services	20,323	20,323	(in t	chousands)			
Compression services	7,090	7,079	11				

### WildHorse Letter of Credit and Certificate of Deposit

Standby letters of credit were issued to the Louisiana Office of Conservation and the Railroad Commission of Texas for the account of WildHorse for \$1.2 million during 2011. The letters of credit are to insure compliance by WildHorse with regulatory requirements. These letters of credit are collateralized by two Certificates of Deposits; the fair value of the Certificates of Deposits was \$0.5 million and \$1.2 million at December 31, 2013 and 2012, respectively. The amount of the letter of credit and the Certificates of Deposit is adjusted depending on the requirements of the Office of Conservation. The Certificates of Deposit is classified as a restricted noncurrent asset and is not considered operating cash for the purposes of the statements of cash flows.

### **Note 15. Defined Contribution Plans**

Memorial Resource sponsors a defined contribution plan for the benefit of substantially all employees who have attained 18 years of age. The plan allows eligible employees to make tax-deferred contributions up to 100% of their annual compensation, not to exceed annual limits established by the Internal Revenue Service. Memorial Resource makes matching contributions of 100% of employee contributions that does not exceed 6% of compensation. Employees are immediately vested in these matching contributions. The plan received employer contributions of approximately \$0.9 million and \$0.4 million in for the years ended December 31, 2013 and 2012, respectively.

Effective January 1, 2012, REO assumed sponsorship of a separate defined contribution plan. This plan specifically benefits substantially all those employed by the Memorial Resource subsidiary (Beta Operating) that operates and supports the Beta properties that have attained 21 years of age. Eligible employees are permitted to make tax-deferred contributions up to 100% of their annual compensation, not to exceed annual limits established by the Internal Revenue Service. Employer matching contributions of 100% of employee contributions that does not exceed 6% of compensation are made to the plan as well. The employer matching contributions associated with this plan were subject to a three-year graded vesting schedule through February 28, 2012. Effective March 1, 2012, the plan was amended to offer immediate vesting of employer matching contributions. The plan received employer contributions of approximately \$0.6 million and \$0.5 million in 2013

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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and 2012, respectively. Approximately \$0.3 million associated with this plan are reflected as costs and expenses in the accompanying statements of operations for both the years ended December 31, 2013 and 2012, respectively.

WildHorse, Tanos, BlueStone, Classic and Black Diamond also sponsor defined contribution plans for the benefit their eligible employees. Matching employer contributions of approximately \$0.5 million and \$0.6 million were made to these other plans in 2013 and 2012, respectively.

Crown and Stanolind also made matching contributions to defined contribution plans for the benefit of their eligible employees. Matching employer contributions of approximately \$0.1 million were made to these plans in both 2013 and 2012. Such contributions to these plans are included in general and administrative expenses in the accompanying combined statements of operations.

### Note 16. Subsequent Events

In preparing the consolidated and combined financial statements, management has evaluated all subsequent events and transactions for potential recognition or disclosure through April 4, 2014, the date the consolidated and combined financial statements were available for issuance.

### Common Control Acquisition

On April 1, 2014, MEMP acquired certain oil and natural gas producing properties in East Texas from WildHorse for a purchase price of \$34.0 million, subject to customary purchase price adjustments. This transaction was financed with borrowings under MEMP s revolving credit facility. The acquired properties primarily represent additional working interests in wells currently owned by MEMP and located primarily in Polk and Tyler Counties in the Double A Field of East Texas, as well as the Sunflower, Segno and Sugar Creek Fields.

### 3<sup>rd</sup> Party Acquisition

On March 25, 2014, MEMP acquired certain oil and gas producing properties in the Eagle Ford trend from Alta Mesa Holdings, LP for a purchase price of \$173 million, subject to customary purchase price adjustments. The acquired properties are located in Karnes County in the core of the Eagle Ford oil window. The properties are 100% non-operated. In addition, MEMP acquired a 30% interest in the seller s Eagle Ford leasehold. MEMP acquired all of the seller s working and net revenue interest in the producing wells subject to a net profits interest retained by the seller that reduces annually and terminates after three years. At the end of three years, MEMP will own all of the seller s interests in the currently producing wells.

## NGPCIF NPI Acquisition

See Notes 1 and 12 for further information regarding WildHorse s acquisition of NGPCIF NPI.

### **Recently Formed Subsidiaries**

MRD Royalty LLC (MRD Royalty ) and MRD Midstream LLC (MRD Midstream) were formed by Memorial Resource in 2014. MRD Royalty owns certain immaterial leasehold interests and overriding royalty interests in Texas and Montana. MRD Midstream owns an indirect interest in certain immaterial midstream assets in North Louisiana. Following the completion of the Offering, Memorial Resource will retain its ownership interest in MRD Royalty and MRD Midstream.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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### Gas Processing Agreement

On March 17, 2014, WildHorse entered into a gas processing agreement with PennTex North Louisiana, LLC (PennTex). PennTex is a joint venture among certain affiliates of NGP in which MRD Midstream owns a noncontrolling interest. Once PennTex s processing plant becomes operational, it will process natural gas produced from wells located on certain leases owned by WildHorse in the state of Louisiana. The agreement has a 15-year primary term, subject to one year extensions at either party s election. WildHorse will pay PennTex a monthly fee, subject to an annual inflationary escalation, based on volumes of natural gas delivered and processed. Once the plant is declared operational, WildHorse will be obligated to pay a minimum processing fee equal to approximately \$18.3 million on an annual basis, subject to certain adjustments and conditions. The gas processing agreement requires that the processing plant be operational no later than November 1, 2015.

### Note 17. Supplemental Oil and Gas Information (Unaudited)

### Capitalized Costs Relating to Oil and Natural Gas Producing Activities

The total amount of capitalized costs relating to oil and natural gas producing activities and the total amount of related accumulated depreciation, depletion and amortization is as follows at the dates indicated.

	Years Ended December 31,		
	2013	2012	
	(in thou	isands)	
MRD Segment:			
Evaluated oil and natural gas properties	\$ 1,226,417	\$ 1,052,219	
Unevaluated oil and natural gas properties	46,413	26,589	
Accumulated depletion, depreciation, and amortization	(256,629)	(202,581)	
Subtotal	\$ 1,016,201	\$ 876,227	
MEMP Segment:			
Evaluated oil and natural gas properties(1)	\$ 1,758,953	\$ 1,545,402	
Unevaluated oil and natural gas properties		5,004	
Accumulated depletion, depreciation, and amortization(1)	(416,617)	(265,710)	
Subtotal	\$ 1,342,336	\$ 1,284,696	
Eliminations:			
Accumulated depletion, depreciation, and amortization(1)	\$ 49,884	\$	
Consolidated:			

Evaluated oil and natural gas properties(1)	\$ 2,985,370	\$ 2,597,621
Unevaluated oil and natural gas properties	46,413	31,593
Accumulated depletion, depreciation, and amortization(1)	(623,362)	(468,291)
Total	\$ 2,408,421	\$ 2,160,923

(1) Amounts do not include costs for SPBPC and related support equipment

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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Costs Incurred in Oil and Natural Gas Property Acquisition, Exploration and Development Activities

Costs incurred in property acquisition, exploration and development activities were as follows for the periods indicated:

	Years Ended 2013	ber 31, 2012	
	(in the	usands	
MRD Segment:			
Property acquisition costs, proved	\$ 56,108	\$	87,857
Property acquisition costs, unproved	19,975		5,293
Exploration and extension well costs	13,313		212
Development	210,440		135,951
Subtotal	\$ 299,836	\$	229,313
MEMP Segment:			
Property acquisition costs, proved	\$ 37,786	\$	278,246
Property acquisition costs, unproved			
Exploration and extension well costs			42,430
Development(1)	145,830		62,472
Subtotal	\$ 183,616	\$	383,148
Consolidated:			
Property acquisition costs, proved	\$ 93,894	\$	366,103
Property acquisition costs, unproved	19,975		5,293
Exploration and extension well costs	13,313		42,642
Development(1)	356,270		198,423
Total	\$ 483,452	\$	612,461

## Standardized Measure of Discounted Future Net Cash Flows from Proved Reserves

As required by the FASB and SEC, the standardized measure of discounted future net cash flows presented below is computed by applying first-day-of-the-month average prices, year-end costs and legislated tax rates and a discount factor of 10 percent to proved reserves. We do not believe the standardized measure provides a reliable estimate of the expected future cash flows to be obtained from the development and production of its oil and gas properties or of the value of its proved oil and gas reserves. The standardized measure is prepared on the basis of

<sup>(1)</sup> Amounts do not include costs for SPBPC and related support equipment

certain prescribed assumptions including first-day-of-the-month average prices, which represent discrete points in time, and therefore, may cause significant variability in cash flows from year to year as prices change.

### Oil and Natural Gas Reserves

Users of this information should be aware that the process of estimating quantities of proved and proved developed oil and natural gas reserves is very complex, requiring significant subjective decisions in the evaluation of all available geological, engineering and economic data for each reservoir. The data for a given reservoir may also change substantially over time as a result of numerous factors including, but not limited to, additional development activity, evolving production history and continual reassessment of the viability of production under varying economic conditions. As a result, revisions to existing reserve estimates may occur from time to time. Although every reasonable effort is made to ensure reserve estimates reported represent the

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most accurate assessments possible, the subjective decisions and variances in available data for various reservoirs make these estimates generally less precise than other estimates included in the financial statement disclosures.

Proved reserves are those quantities of oil and natural gas that by analysis of geoscience and engineering data can be estimated with reasonable certainty to be economically producible from a given date forward, from known reservoirs, and under existing economic conditions, operating methods and government regulations prior to the time at which contracts providing the right to operate expire, unless evidence indicates that renewal is reasonably certain, regardless of whether deterministic or probabilistic methods are used for the estimation. The project to extract the hydrocarbons must have commenced or the operator must be reasonably certain that it will commence the project within a reasonable time.

We engaged NSAI to prepare reserves estimates for all of our estimated proved reserves (by volume) at December 31, 2013. All proved reserves are located in the United States and all prices are held constant in accordance with SEC rules.

The weighted-average benchmark product prices used for valuing the reserves are based upon the average of the first-day-of-the-month price for each month within the period January through December of each year presented:

	2013	2012
Oil (\$/Bbl):		
Spot(1)	\$ 93.42	\$ 91.33
NGL (\$/Bbl):		
Spot(1)	\$ 93.42	\$ 91.75
Natural Gas (\$/MMbtu):		
	e 2.67	¢ 0.75
Spot(2)	\$ 3.67	\$ 2.75

- (1) The unweighted average West Texas Intermediate spot price was adjusted by lease for quality, transportation fees, and a regional price differential.
- (2) The unweighted average Henry Hub spot price was adjusted by lease for energy content, compression charges, transportation fees, and regional price differentials.

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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## MRD Segment

The following tables set forth estimates of the net reserves as of December 31, 2013 and 2012, respectively:

	Year Ended December 31, 2013				
	Oil (MBbls)	Gas (MMcf)	NGLs (MBbls)	Equivalent (MMcfe)	
Proved developed and undeveloped reserves:					
Beginning of year	11,953	739,378	41,466	1,059,895	
Extensions and discoveries	1,794	149,974	8,319	210,652	
Purchase of minerals in place	211	31,815	1,017	39,183	
Production	(665)	(34,092)	(1,457)	(46,819)	
Sales of minerals in place	(599)	(14,137)	(1,573)	(27,169)	
Revision of previous estimates	(1,383)	(70,684)	(5,196)	(110,165)	
End of year(1)	11,311	802,254	42,576	1,125,577	
Proved developed reserves:					
Beginning of year	3,082	245,449	12,321	337,869	
End of year	3,402	263,797	13,904	367,641	
Proved undeveloped reserves:					
Beginning of year	8,871	493,929	29,145	722,026	
End of year	7,909	538,457	28,672	757,936	

(1) Includes reserves of 41,077 MMcfe attributable to noncontrolling interests and the MRD Segment previous owners.

		Year Ended December 31, 2012			
	Oil	Gas	NGLs	Equivalent	
	(MBbls)	(MMcf)	(MBbls)	(MMcfe)	
Proved developed and undeveloped reserves:					
Beginning of year	10,834	929,335	53,031	1,312,533	
Extensions and discoveries	689	42,019	2,778	62,819	
Purchase of minerals in place	1,100	28,115	1,879	45,987	
Production	(369)	(24,131)	(898)	(31,731)	
Sales of minerals in place	(4)	(728)		(752)	
Revision of previous estimates	(297)	(235,232)	(15,324)	(328,961)	
End of year(1)	11,953	739,378	41,466	1,059,895	
Proved developed reserves:					
Beginning of year	2,107	191,557	7,644	250,073	
End of year	3,082	245,449	12,321	337,869	

Proved undeveloped reserves:

Beginning of year	8,727	737,778	45,387	1,062,460
End of year	8,871	493,929	29,145	722,026

(1) Includes reserves of 67,135 MMcfe attributable to noncontrolling interests and the MRD Segment previous owners.

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### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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Noteworthy amounts included in the categories of proved reserve changes for the years ended December 31, 2013 and 2012 in the above tables include:

148.6 Bcfe of the increase in reserves for the year end December 31, 2013, through the category extensions and discoveries, was due to the WildHorse s horizontal redevelopment drilling program in the Terryville Complex in Lincoln Parish, Louisiana.

WildHorse acquired 43.5 Bcfe in multiple acquisitions during the year ended December 31, 2012, the largest being the Undisclosed Seller Acquisition. Downward revisions of previous estimates for estimated natural gas proved reserves was primarily the result of a decrease in natural gas prices.

See Note 3 for additional information on acquisitions and divestitures.

A variety of methodologies are used to determine our proved reserve estimates. The principal methodologies employed are reservoir simulation, decline curve analysis, volumetric, material balance, advance production type curve matching, petro-physics/log analysis and analogy. Some combination of these methods is used to determine reserve estimates in substantially all of our fields.

The standardized measure of discounted future net cash flows is as follows:

	Years Ended December 31,		
	2013	2012	
	(in thou	isands)	
Future cash inflows	\$ 5,722,848	\$ 4,921,192	
Future production costs	(1,587,374)	(1,255,289)	
Future development costs	(1,352,945)	(1,060,777)	
Future net cash flows for estimated timing of cash flows(1)	2,782,529	2,605,126	
10% annual discount for estimated timing of cash flows	(1,313,577)	(1,284,531)	
Standardized measure of discounted future net cash flows(2)	\$ 1,468,952	\$ 1,320,595	

<sup>(1)</sup> We are subject to the Texas Franchise tax which has a maximum effective rate of 0.7% of gross income apportioned to Texas to immateriality we have excluded the impact of this tax. However, had we not been a tax exempt entity future income tax for the years ended December 31, 2013 and 2012 would have been \$760,433 and \$647,464, respectively.

<sup>(2)</sup> Includes \$63,422 and \$78,518 attributable to both noncontrolling interests and the MRD Segment previous owners for the years ended December 31, 2013 and 2012, respectively.

## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

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Changes in Standardized Measure of Discounted Future Net Cash Flows Relating to Proved Reserves

The following is a summary of the changes in the standardized measure of discounted future net cash flows for the proved oil and natural gas reserves during each of the years in the two year period ended December 31, 2013:

	Years Ended December 31,		
	2013	2012	
	(in thou	sands)	
Beginning of year	\$ 1,320,595	\$ 1,386,071	
Sale of oil and natural gas produced, net of production costs	(196,444)	(107,316)	
Purchase of minerals in place	51,177	98,384	
Sale of minerals in place	(54,091)		
Extensions and discoveries	301,004	127,994	
Changes in prices and costs	(11,336)	(402,202)	
Previously estimated development costs incurred	87,297	64,390	
Net changes in future development costs	57,353	(67,331)	
Revisions of previous quantities	(186,804)	(176,788)	
Accretion of discount	128,544	138,607	
Change in production rates and other	(28,343)	258,786	
End of year	\$ 1,468,952	\$ 1,320,595	

## **MEMP Segment**

The following tables set forth estimates of the net reserves as of December 31, 2013 and 2012, respectively:

	Year Ended December 31, 2013			)13
	Oil	Oil Gas	NGLs	Equivalent
	(MBbls)	(MMcf)	(MBbls)	(MMcfe)
Proved developed and undeveloped reserves:				
Beginning of year	39,089	604,440	29,352	1,015,095
Extensions and discoveries	5,655	40,770	1,747	85,180
Purchase of minerals in place	119	16,294	258	18,554
Production	(1,764)	(35,924)	(1,632)	(56,303)
Sales of minerals in place				
Revision of previous estimates	(3,950)	(18,441)	(879)	(47,421)
End of year(1)	39,149	607,139	28,846	1,015,105

Proved developed reserves:				
Beginning of year	24,515	376,932	15,947	619,704
End of year	22,265	387,548	15,959	616,893
Proved undeveloped reserves:				
Beginning of year	14,574	227,508	13,405	395,391
End of year	16,884	219,591	12,887	398,212

<sup>(1)</sup> MRD Segment s share of these reserves is 89,837 MMcfe.

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	Year Ended December 31, 2012			12
	Oil (MBbls)	Gas (MMcf)	NGLs (MBbls)	Equivalent (MMcfe)
Proved developed and undeveloped reserves:				
Beginning of year	27,150	579,751	15,045	832,913
Extensions and discoveries	7,501	19,869	1,053	71,192
Purchase of minerals in place	11,336	113,617	7,095	224,202
Production	(1,519)	(29,744)	(745)	(43,329)
Sales of minerals in place	(4,214)	(4,214)		(29,499)
Revision of previous estimates	(1,165)	(74,839)	6,904	(40,384)
End of year(1)(2)	39,089	604,440	29,352	1,015,095
Proved developed reserves:				
Beginning of year	19,332	413,431	10,015	589,504
End of year	24,515	376,932	15,947	619,704
Proved undeveloped reserves:				
Beginning of year	7,818	166,320	5,030	243,409
End of year	14,574	227,508	13,405	395,391

<sup>(1)</sup> Includes reserves of 406,324 MMcfe attributable to common control acquisitions.

Noteworthy amounts included in the categories of proved reserve changes for the years 2013 and 2012 in the above tables include:

MEMP acquired 224.2 Bcfe in multiple acquisitions during the year ended December 31, 2012, the largest being the Goodrich Acquisition of 148.9 Bcfe. Stanolind acquired 43.6 Bcfe through multiple acquisitions, the largest being the Menemsha Acquisition of 23.9 Bcfe. During the year ended December 31, 2012, Propel divested 19.0 Bcfe of offshore Louisiana oil and gas properties to an NGP controlled entity.

See Note 3 for additional information on acquisitions and divestitures.

A variety of methodologies are used to determine our proved reserve estimates. The principal methodologies employed are reservoir simulation, decline curve analysis, volumetric, material balance, advance production type curve matching, petro-physics/log analysis and analogy. Some combination of these methods is used to determine reserve estimates in substantially all of our fields.

The standardized measure of discounted future net cash flows is as follows:

<sup>(2)</sup> MRD Segment s share of these reserves is 476,550 MMcfe.

	Years Ended December 31,		
	2013	2012	
	(in thou	isands)	
Future cash inflows	\$ 6,892,150	\$ 6,511,776	
Future production costs	(2,719,024)	(2,258,554)	
Future development costs	(685,858)	(620,944)	
Future net cash flows for estimated timing of cash flows(1)	3,487,268	3,632,278	
10% annual discount for estimated timing of cash flows	(1,879,156)	(2,042,362)	
Standardized measure of discounted future net cash flows(2)(3)	\$ 1,608,112	\$ 1,589,916	

<sup>(1)</sup> MEMP is subject to the Texas Franchise tax which has a maximum effective rate of 0.7% of gross income apportioned to Texas. Due to immateriality we have excluded the impact of this tax. MEMP is organized as a pass-through entity for income tax purposes. Had we not been a tax exempt entity our share of future income tax related to our ownership of MEMP for the years ended December 31, 2013 and 2012 would have been \$61,300 and \$306,297, respectively.

### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

### NOTES TO CONSOLIDATED AND COMBINED FINANCIAL STATEMENTS

- (2) Includes \$503,021 attributable to the MEMP previous owners for the year ended December 31, 2012.
- (3) MRD Segment s share of the standardized measure of discounted future net cash flows was \$142,318 and \$554,981 for the years ended December 31, 2013 and 2012, respectively.

## Changes in Standardized Measure of Discounted Future Net Cash Flows Relating to Proved Reserves

The following is a summary of the changes in the standardized measure of discounted future net cash flows for the proved oil and natural gas reserves during each of the years in the two year period ended December 31, 2013:

	Years Ended December 31,		
	2013	2012	
	(in thousands)		
Beginning of year	\$ 1,589,916	\$ 1,499,414	
Sale of oil and natural gas produced, net of production costs	(234,520)	(160,023)	
Purchase of minerals in place	23,160	375,953	
Sale of minerals in place		(154,963)	
Extensions and discoveries	136,423	265,108	
Changes in income taxes, net.		1,947	
Changes in prices and costs	(74,395)	(331,760)	
Previously estimated development costs incurred	174,490	66,360	
Net changes in future development costs	(74,867)	(1,140)	
Revisions of previous quantities	(141,122)	(90,587)	
Accretion of discount	158,991	150,136	
Change in production rates and other	50,036	(30,529)	
End of year	\$ 1,608,112	\$ 1,589,916	

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## MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

## SCHEDULE 1 CONDENSED FINANCIAL INFORMATION

### Condensed balance sheets

	Decer 2013	nber 31, 2012
ASSETS	2010	2012
Current assets:		
Cash and cash equivalents	\$ 19,293	\$ 8,019
Restricted cash	35,000	
Accounts receivable:		
Affiliates	90,917	84,347
Other		3
Prepaid expenses and other current assets	2,802	707
Total current assets	148,012	93,076
Property and equipment, at cost:		
Furniture and fixtures	1,679	1,217
Accumulated depreciation, depletion and impairment	(547)	(199)
Oil and natural gas properties, net	1,132	1,018
Long-term derivative instruments		
Investments in subsidiaries	411,657	797,868
Investments in previous owners	40,331	233,433
Restricted cash	15,000	
Other long-term assets	6,596	259
Total assets	\$ 622,728	\$ 1,125,654
LIABILITIES AND EQUITY		
Current liabilities:		
Accounts payable	\$ 130	\$ 161
Accrued liabilities	1,896	225
Total current liabilities	2,026	386
Long-term debt	343,050	80,000
Other long-term liabilities	135	221
Total liabilities	345,211	80,607
Commitments and contingencies		
Equity:		
Members	237,186	811,614
Previous Owners	40,331	233,433
Total liabilities and members equity	\$ 622,728	\$ 1,125,654

## ${\bf MEMORIAL\ RESOURCE\ DEVELOPMENT\ LLC\ (PREDECESSOR)}$

## SCHEDULE 1 CONDENSED FINANCIAL INFORMATION

## Condensed statements of income

	For Year Ended December 31,	
	2013	2012
Costs and expenses:		
Depreciation, depletion, and amortization	348	195
General and administrative	20,111	10,176
(Gain) loss on commodity derivative instruments	546	
Total costs and expenses	21,005	10,371
Operating income	(21,005)	(10,371)
Other income (expense):		
Equity income (loss) from subsidiaries	114,974	2,970
Equity income (loss) from previous owners	10,790	37,318
Interest expense, net	(3,257)	(219)
Total other income (expense)	122,507	40,069
Net income (loss)	\$ 101,502	\$ 29,698

## Condensed statements of cash flows

	For Year Ended December 31,	
	2013	2012
Net cash provided by (used in) operating activities	\$ (3,556)	\$ (75,088)
Cash flows from investing activities:		
Investments in subsidiaries	(40,666)	(718)
Additions to furniture and fixtures	(461)	(903)
Proceeds from changes in ownership interests in MEMP	135,012	
Changes in restricted cash	(50,000)	
Net cash (used in) provided by investing activities	43,885	(1,621)
Cash flows from financing activities:		
Advances on revolving credit facility		80,000
Payments on revolving credit facility	(80,000)	
Proceeds from issuance of senior notes	343,000	
Distributions received from subsidiaries (see Note 3)	448,349	
Loan origination fees	(8,042)	(802)

Distributions to the Funds	(732,362)	
Net cash (used in) provided by financing activities	(29,055)	79,198
Net change in cash and cash equivalents Cash and cash equivalents, beginning of year	11,274 8,019	2,489 5,530
Cash and cash equivalents, end of year	\$ 19,293	\$ 8,019

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#### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONDENSED FINANCIAL INFORMATION

#### Note 1. Basis of Presentation

Memorial Resource Development LLC ( Memorial Resource ) is a Delaware limited liability company (the Company ) formed on April 27, 2011 to own, acquire, exploit and develop oil and natural gas properties. Unless the context requires otherwise, references to we, us, our, or the Company are intended to mean the business and operations of Memorial Resource Development LLC and its consolidated subsidiaries. There are significant restrictions over the ability of Memorial Resource to obtain funds from certain of its consolidating subsidiaries through dividends, loans or advances. Accordingly, these condensed financial statements have been presented on a parent-only basis. Under a parent-only presentation, the investments of Memorial Resource in its consolidated subsidiaries are presented under the equity method of accounting. These parent-only financial statements should be read in conjunction with the consolidated financial statements of MRD LLC included elsewhere herein. These condensed financial statements have been prepared in anticipation of a proposed initial public offering of the common stock of Memorial Resource Development Corp. (MRDC).

#### Note 2. Long-Term Debt

Our debt obligations under revolving credit facilities consisted of the following at December 31:

	2013	2012
	(in thou	sands)
Memorial Resource \$1.0 billion revolving credit facility, variable-rate, terminated December 2013	\$	\$ 80,000
10.00%/10.75% senior PIK toggle notes due December 2018	350,000	
10.00%/10.75% senior PIK toggle notes unamortized discounts	(6,950)	
Total long-term debt	\$ 343,050	\$ 80,000

On July 13, 2012, Memorial Resource entered into a two-year \$50.0 million senior secured revolving credit with an initial borrowing base of \$35.0 million. Memorial Resource pledged 7,061,294 of Memorial Production Partners LP ( MEMP ) common units and 5,360,912 of MEMP subordinated units as security under the credit facility as well as its oil and gas properties and certain other assets of Memorial Resource. This credit facility was also guaranteed by certain of Memorial Resources wholly-owned subsidiaries.

On November 20, 2012, Memorial Resource entered into a first amendment to its credit agreement, which among other things: (i) increased the aggregate maximum credit to \$1.0 billion (ii) increased the borrowing base to \$120.0 million and (iii) extended the maturity date to November 20, 2016. On April 25, 2013, Memorial Resource entered into a second amendment to its credit agreement, which among other things: (i) increased the borrowing base to \$170.0 million and (ii) designated Tanos together with its consolidating subsidiaries as additional guarantors. On October 1, 2013, Tanos Energy, LLC ( Tanos ) and its consolidating subsidiaries were removed as guarantors and the borrowing base was reduced to \$120.0 million .. On November 1, 2013, Memorial Resource entered into a third amendment to its credit agreement, which among other things: (i) designated Black Diamond Minerals, LLC ( Black Diamond ) together with its consolidating subsidiaries as additional guarantors, (ii) reduced the borrowing base to \$100.0 million, and (iii) permitted second lien indebtedness. On November 22, 2013, the borrowing base was automatically reduced to \$60.0 million upon Memorial Resource s sale of 7,061,294 MEMP common units in a secondary

offering.

On December 18, 2013, indebtedness then outstanding under the revolving credit facility of \$59.7 million and all accrued interest was paid off in full and the revolving credit facility was terminated in connection with the issuance of senior notes discussed below.

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#### MEMORIAL RESOURCE DEVELOPMENT LLC (PREDECESSOR)

#### NOTES TO CONDENSED FINANCIAL INFORMATION

On December 18, 2013, Memorial Resource and its wholly-owned subsidiary, Memorial Resource Finance Corp. (MRD Finance Corp. and collectively, the MRD Issuers), completed a private placement of \$350.0 million in aggregate principal amount of 10.00% / 10.75% Senior PIK Toggle Notes due 2018 (the PIK notes). The PIK notes were issued at 98% of par and will mature on December 15, 2018. Net proceeds from the private offering were used: (i) to repay all indebtedness then outstanding under Memorial Resource's revolving credit facility, (ii) to establish a cash reserve of \$50.0 million for the payment of interest on the PIK notes, (iii) to pay a \$220.0 million distribution to the Funds, and (iv) for general company purposes.

Interest on the PIK notes will be payable semi-annually in arrears on June 15 and December 15 of each year, commencing on June 15, 2014. Subject to conditions in the indenture governing the PIK notes, Memorial Resource will be required to pay interest on the PIK notes in cash or through issuing additional notes (such an issuance, PIK Interest). The interest rate on the PIK notes is 10.00% per annum for interest paid in cash or 10.75% per annum for PIK Interest. PIK Interest will be paid by issuing additional notes having the same terms as the PIK notes. The PIK notes are subject to optional redemption at prices specified in the indenture plus accrued and unpaid interest, if any. The MRD Issuers may also be required to repurchase the PIK notes upon a change of control.

At the time the PIK notes were issued, all of Memorial Resource subsidiaries other than MEMP and BlueStone Holdings (and their respective subsidiaries) were designated as restricted subsidiaries. The indenture governing the PIK notes contains customary covenants and restrictive provisions that apply to both Memorial Resource and its restricted subsidiaries, many of which will terminate if at any time no default exists under the indenture and the PIK notes receive an investment grade rating from both of two specified ratings agencies. The PIK notes are fully and unconditionally guaranteed on a senior unsecured basis by all of Memorial Resource s restricted subsidiaries, except MEMP GP and WildHorse.

The indenture also provides for customary and other events of default. In the case of an event of default arising from certain events of bankruptcy or insolvency, all outstanding PIK notes will become due and payable immediately without further action or notice. If any other event of default occurs and is continuing, the trustee or the holders of at least 25% in principal amount of the then outstanding PIK notes may declare all the PIK notes to be due and payable immediately.

## Note 3. Distribution from subsidiaries

The table below shows the distributions received from our subsidiaries classified as inflows from operating activities for the periods indicated since they are represent return on investment:

For Year Ended December 31, 2013 2012

Distributions received from subsidiaries \$ 25,966 \$ 19,228

Distributions received from our subsidiaries that represent return of investment are classified as inflows from investing activities.

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Appendix A

#### GLOSSARY OF OIL AND NATURAL GAS TERMS

The terms defined in this section are used throughout this prospectus:

Analogous Reservoir: Analogous reservoirs, as used in resource assessments, have similar rock and fluid properties, reservoir conditions (depth, temperature, and pressure) and drive mechanisms, but are typically at a more advanced stage of development than the reservoir of interest and thus may provide concepts to assist in the interpretation of more limited data and estimation of recovery. When used to support proved reserves, analogous reservoir refers to a reservoir that shares all of the following characteristics with the reservoir of interest: (i) the same geological formation (but not necessarily in pressure communication with the reservoir of interest); (ii) the same environment of deposition; (iii) similar geologic structure; and (iv) the same drive mechanism.

Basin: A large depression on the earth s surface in which sediments accumulate.

Bbl: One stock tank barrel, or 42 U.S. gallons liquid volume, used in reference to oil or other liquid hydrocarbons.

Bcf: One billion cubic feet of natural gas.

**Bcfe:** One billion cubic feet of natural gas equivalent.

**Boe:** One barrel of oil equivalent, calculated by converting natural gas to oil equivalent barrels at a ratio of six Mcf of natural gas to one Bbl of oil.

Btu: One British thermal unit, the quantity of heat required to raise the temperature of a one-pound mass of water by one degree Fahrenheit.

Developed Acreage: The number of acres which are allocated or assignable to producing wells or wells capable of production.

**Development Well:** A well drilled within the proved area of an oil or natural gas reservoir to the depth of a stratigraphic horizon known to be productive.

**Differential:** An adjustment to the price of oil or natural gas from an established spot market price to reflect differences in the quality and/or location of oil or natural gas.

**Economically Producible:** The term economically producible, as it relates to a resource, means a resource which generates revenue that exceeds, or is reasonably expected to exceed, the costs of the operation. For this determination, the value of the products that generate revenue are determined at the terminal point of oil and natural gas producing activities.

Estimated Ultimate Recovery (EUR): Estimated ultimate recovery is the sum of proved reserves remaining as of a given date and cumulative production as of that date.

*Exploitation:* A development or other project which may target proven or unproven reserves (such as probable or possible reserves), but which generally has a lower risk than that associated with exploration projects.

**Exploratory Well:** A well drilled to find and produce oil and natural gas reserves not classified as proved, to find a new reservoir in a field previously found to be productive of oil or natural gas in another reservoir or to extend a known reservoir.

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NYMEX: New York Mercantile Exchange.

*Field:* An area consisting of a single reservoir or multiple reservoirs, all grouped on or related to the same individual geological structural feature and/or stratigraphic condition. The field name refers to the surface area, although it may refer to both the surface and the underground productive formations.

Gross Acres or Gross Wells: The total acres or wells, as the case may be, in which we have working interest. ICE: Inter-Continental Exchange. *MBtu/d:* One thousand Btu per day. Mcf: One thousand cubic feet of natural gas. MMBtu: One million British thermal units. *MMcf*: One million cubic feet of natural gas. *MMcfe:* One million cubic feet of natural gas equivalent. Net Acres or Net Wells: Gross acres or wells, as the case may be, multiplied by our working interest ownership percentage. **Net Production:** Production that is owned by us less royalties and production due others. Net Revenue Interest: A working interest owner s gross working interest in production less the royalty, overriding royalty, production payment and net profits interests. NGLs: The combination of ethane, propane, butane and natural gasolines that when removed from natural gas become liquid under various levels of higher pressure and lower temperature.

Oil: Oil and condensate.
Operator: The individual or company responsible for the exploration and/or production of an oil or natural gas well or lease.
Play: A geographic area with hydrocarbon potential.
Possible Reserves: Reserves that are less certain to be recovered than probable reserves.
<b>Probable Reserves:</b> Reserves that are less certain to be recovered than proved reserves but that, together with proved reserves, are as likely a not to be recovered.
<b>Productive Well:</b> A well that produces commercial quantities of hydrocarbons, exclusive of its capacity to produce at a reasonable rate of return.
<b>Proved Developed Reserves:</b> Proved reserves that can be expected to be recovered from existing wells with existing equipment and operating methods.
<b>Proved Reserves:</b> Those quantities of oil and natural gas, which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible, from a given date forward, from known reservoirs, and under existing economic conditions operating methods, and government regulations, prior to the time at which contracts providing the right to operate expire, unless evidence indicates that renewal is reasonably certain, regardless of whether deterministic or probabilistic methods are used for the estimation. The project to extract the hydrocarbons must have commenced, or the operator must be reasonably certain that it will commence the project, within a reasonable time. The area of the reservoir considered as proved
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includes (i) the area identified by drilling and limited by fluid contacts, if any, and (ii) adjacent undrilled portions of the reservoir that can, with reasonable certainty, be judged to be continuous with it and to contain economically producible oil or natural gas on the basis of available geoscience and engineering data. In the absence of data on fluid contacts, proved quantities in a reservoir are limited by the lowest known hydrocarbons, as seen in a well penetration, unless geoscience, engineering or performance data and reliable technology establishes a lower contact with reasonable certainty. Where direct observation from well penetrations has defined a highest known oil elevation and the potential exists for an associated natural gas cap, proved oil reserves may be assigned in the structurally higher portions of the reservoir only if geoscience, engineering, or performance data and reliable technology establish the higher contact with reasonable certainty. Reserves which can be produced economically through application of improved recovery techniques (including fluid injection) are included in the proved classification when (i) successful testing by a pilot project in an area of the reservoir with properties no more favorable than in the reservoir as a whole, the operation of an installed program in the reservoir, or an analogous reservoir or other evidence using reliable technology establishes the reasonable certainty of the engineering analysis on which the project or program was based; and (ii) the project has been approved for development by all necessary parties and entities, including governmental entities. Existing economic conditions include prices and costs at which economic producibility from a reservoir is to be determined. The price used is the average price during the twelve-month period prior to the ending date of the period covered by the report, determined as an unweighted arithmetic average of the first-day-of-the-month price for each month within such period, unless prices are define

**PUDs:** Proved Undeveloped Reserves.

**Proved Undeveloped Reserves:** Proved oil and natural gas reserves that are expected to be recovered from new wells on undrilled acreage or from existing wells where a relatively major expenditure is required for recompletion. Reserves on undrilled acreage are limited to those drilling units offsetting productive units that are reasonably certain of production when drilled. Proved reserves for other undrilled units can be claimed only where it can be demonstrated with certainty that there is continuity of production from the existing productive formation. Under no circumstances should estimates for proved undeveloped reserves be attributable to any acreage for which an application of fluid injection or other improved recovery technique is contemplated, unless such techniques have been proved effective by actual tests in the area and in the same reservoir.

Realized Price: The cash market price less all expected quality, transportation and demand adjustments.

**Recompletion:** The completion for production of an existing wellbore in another formation from that which the well has been previously completed.

**Reliable Technology:** Reliable technology is a grouping of one or more technologies (including computational methods) that has been field tested and has been demonstrated to provide reasonably certain results with consistency and repeatability in the formation being evaluated or in an analogous formation.

**Reserve Life:** A measure of the productive life of an oil and natural gas property or a group of properties, expressed in years. Reserve life is calculated by dividing proved reserve volumes at year-end by production volumes. In our calculation of reserve life, production volumes are adjusted, if necessary, to reflect property acquisitions and dispositions.

**Reserves:** Reserves are estimated remaining quantities of oil and natural gas and related substances anticipated to be economically producible, as of a given date, by application of development projects to known accumulations. In addition, there must exist, or there must be a reasonable expectation that there will exist, the legal right to produce or a revenue interest in the production, installed means of delivering oil and natural

gas or related substances to market and all permits and financing required to implement the project. Reserves should not be assigned to adjacent reservoirs isolated by major, potentially sealing, faults until those reservoirs are

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penetrated and evaluated as economically producible. Reserves should not be assigned to areas that are clearly separated from a known accumulation by a non-productive reservoir (i.e., absence of reservoir, structurally low reservoir or negative test results). Such areas may contain prospective resources (i.e., potentially recoverable resources from undiscovered accumulations).

**Reservoir:** A porous and permeable underground formation containing a natural accumulation of producible oil and/or natural gas that is confined by impermeable rock or water barriers and is individual and separate from other reserves.

**Resources:** Resources are quantities of oil and natural gas estimated to exist in naturally occurring accumulations. A portion of the resources may be estimated to be recoverable and another portion may be considered unrecoverable. Resources include both discovered and undiscovered accumulations.

**Spacing:** The distance between wells producing from the same reservoir. Spacing is often expressed in terms of acres (e.g., 40-acre spacing) and is often established by regulatory agencies.

*Undeveloped Acreage:* Lease acreage on which wells have not been drilled or completed to a point that would permit the production of commercial quantities of oil and natural gas regardless of whether such acreage contains proved reserves.

Wellbore: The hole drilled by the bit that is equipped for oil or natural gas production on a completed well. Also called well or borehole.

**Working Interest:** An interest in an oil and natural gas lease that gives the owner of the interest the right to drill for and produce oil and natural gas on the leased acreage and requires the owner to pay a share of the costs of drilling and production operations.

WTI: West Texas Intermediate.

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### Appendix B-1

CHAIRMAN & CEO	EXECUTIVE COMMITTEE	
C.H. (SCOTT) REES III	P. Scott Frost Dalla	
PRESIDENT & COO	J. Carter Henson, Jr. Housto	
DANNY D. SIMMONS	DAN PAUL SMITH DALLA	
EXECUTIVE VP	JOSEPH J. SPELLMAN DALLA	
G. LANCE BINDER	THOMAS J. TELLA II DALLA	

April 3, 2014

Mr. John A. Weinzierl

Memorial Resource Development LLC

1301 McKinney Street, Suite 2100

Houston, Texas 77010

Dear Mr. Weinzierl:

In accordance with your request, we have estimated the proved reserves and future revenue, as of December 31, 2013, to the Memorial Resource Development LLC (MRD) interest in certain oil and gas properties located in Colorado, Louisiana, Oklahoma, Texas, and Wyoming. Memorial Resource Development LLC owns its interest in these properties through its subsidiaries Black Diamond Minerals, LLC; Classic Hydrocarbons, Inc. (Classic IV); and WildHorse Resources, LLC (WHR). The WHR portion of the MRD interest shown herein comprises the WHR interest owned by MRD as of December 31, 2013, and the NGP Income Co-Investment Opportunities Fund II, LP interest managed by WHR. We completed our evaluation on or about the date of this letter. It is our understanding that the proved reserves estimated in this report constitute all of the proved reserves owned by MRD (other than those attributable to BlueStone Natural Resources Holdings, LLC; Memorial Production Partners LP; and their respective subsidiaries). The estimates in this report have been prepared in accordance with the definitions and regulations of the U.S. Securities and Exchange Commission (SEC) and, with the exception of the exclusion of future income taxes, conform to the FASB Accounting Standards Codification Topic 932, Extractive Activities Oil and Gas. Definitions are presented immediately following this letter. This report has been prepared for Memorial Resource Development LLC s use in filing with the SEC; in our opinion the assumptions, data, methods, and procedures used in the preparation of this report are appropriate for such purpose.

We estimate the net reserves and future net revenue to the MRD interest in these properties, as of December 31, 2013, to be:

Category	Oil (MBBL)	Net Reserves NGL (MBBL)	Gas(1) (MMCF)	Future Net 1 Total	Revenue (M\$) Present Worth at 10%
Proved Developed Producing	2,625.8	12,259.9	234,036.9	1,014,683.4	610,303.5
Proved Developed Non-Producing	776.9	1,644.9	29,760.0	159,150.0	92,615.4
Proved Undeveloped	7,907.9	28,671.9	538,457.1	1,608,681.2	766,033.0
Total Proved	11,310.5	42,576.7	802,254.1	2,782,514.7	1,468,952.1

Totals may not add because of rounding.

(1) Estimates of gas reserves include field fuel usage volumes for the WHR properties.

The oil volumes shown include crude oil and condensate. Oil and natural gas liquids (NGL) volumes are expressed in thousands of barrels (MBBL); a barrel is equivalent to 42 United States gallons. Gas volumes are expressed in millions of cubic feet (MMCF) at standard temperature and pressure bases.

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The estimates shown in this report are for proved reserves. As requested, probable and possible reserves that exist for these properties have not been included. This report does not include any value that could be attributed to interests in undeveloped acreage beyond those tracts for which undeveloped reserves have been estimated. Reserves categorization conveys the relative degree of certainty; reserves subcategorization is based on development and production status. The estimates of reserves and future revenue included herein have not been adjusted for risk.

Gross revenue is MRD s share of the gross (100 percent) revenue from the properties prior to any deductions. Future net revenue is after deductions for MRD s share of production taxes, ad valorem taxes, capital costs, and operating expenses but before consideration of any income taxes. The future net revenue has been discounted at an annual rate of 10 percent to determine its present worth, which is shown to indicate the effect of time on the value of money. Future net revenue presented in this report, whether discounted or undiscounted, should not be construed as being the fair market value of the properties.

Prices used in this report are based on the 12-month unweighted arithmetic average of the first-day-of-the-month price for each month in the period January through December 2013. For oil and NGL volumes, the average Southwestern Wyoming Sweet posted price of \$83.53 per barrel is used for properties located in Natrona and Sweetwater Counties, Wyoming, and the average West Texas Intermediate posted price of \$93.42 per barrel is used for all other properties. These average posted prices are adjusted by lease for quality and regional and local price differentials. For gas volumes, the average CIG Rocky Mountains spot price of \$3.527 per MMBTU is used for properties located in Colorado and Wyoming, and the average Henry Hub spot price of \$3.670 per MMBTU is used for all other properties. These average spot prices are adjusted by lease for energy content, transportation fees, and regional and local price differentials. All prices are held constant throughout the lives of the properties. The average adjusted product prices weighted by production over the remaining lives of the properties are \$100.26 per barrel of oil, \$39.72 per barrel of NGL, and \$3.656 per MCF of gas.

Operating costs used in this report are based on operating expense records of MRD. For nonoperated properties, these costs include the per-well overhead expenses allowed under joint operating agreements along with estimates of costs to be incurred at and below the district and field levels. Operating costs have been divided into per-well costs, per-unit-of-production costs, and workover costs. As requested, operating costs for the operated properties are limited to direct lease- and field-level costs and MRD s estimate of the portion of its headquarters general and administrative overhead expenses necessary to operate the properties. Operating costs are not escalated for inflation.

Capital costs used in this report were provided by MRD and are based on authorizations for expenditure and actual costs from recent activity. Capital costs are included as required for workovers, new development wells, and production equipment. Based on our understanding of future development plans, a review of the records provided to us, and our knowledge of similar properties, we regard these estimated capital costs to be reasonable. Capital costs are not escalated for inflation. As requested, our estimates do not include any salvage value for the lease and well equipment or the cost of abandoning the properties.

For the purposes of this report, we did not perform any field inspection of the properties, nor did we examine the mechanical operation or condition of the wells and facilities. We have not investigated possible environmental liability related to the properties; therefore, our estimates do not include any costs due to such possible liability.

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We have made no investigation of potential volume and value imbalances resulting from overdelivery or underdelivery to the MRD interest. Therefore, our estimates of reserves and future revenue do not include adjustments for the settlement of any such imbalances; our projections are based on MRD receiving its net revenue interest share of estimated future gross production after field usage and shrinkage.

The reserves shown in this report are estimates only and should not be construed as exact quantities. Proved reserves are those quantities of oil and gas which, by analysis of engineering and geoscience data, can be estimated with reasonable certainty to be economically producible; probable and possible reserves are those additional reserves which are sequentially less certain to be recovered than proved reserves. Estimates of reserves may increase or decrease as a result of market conditions, future operations, changes in regulations, or actual reservoir performance. In addition to the primary economic assumptions discussed herein, our estimates are based on certain assumptions including, but not limited to, that the properties will be developed consistent with current development plans, that the properties will be operated in a prudent manner, that no governmental regulations or controls will be put in place that would impact the ability of the interest owner to recover the reserves, and that our projections of future production will prove consistent with actual performance. If the reserves are recovered, the revenues therefrom and the costs related thereto could be more or less than the estimated amounts. Because of governmental policies and uncertainties of supply and demand, the sales rates, prices received for the reserves, and costs incurred in recovering such reserves may vary from assumptions made while preparing this report.

For the purposes of this report, we used technical and economic data including, but not limited to, well logs, geologic maps, well test data, production data, historical price and cost information, and property ownership interests. The reserves in this report have been estimated using deterministic methods; these estimates have been prepared in accordance with the Standards Pertaining to the Estimating and Auditing of Oil and Gas Reserves Information promulgated by the Society of Petroleum Engineers (SPE Standards). We used standard engineering and geoscience methods, or a combination of methods, including performance analysis, volumetric analysis, and analogy, that we considered to be appropriate and necessary to categorize and estimate reserves in accordance with SEC definitions and regulations. For the Classic IV and WHR properties, a substantial portion of these reserves are for undeveloped locations and producing wells that lack sufficient production history upon which performance-related estimates of reserves can be based; such reserves are based on estimates of reservoir volumes and recovery efficiencies along with analogy to properties with similar geologic and reservoir characteristics. As in all aspects of oil and gas evaluation, there are uncertainties inherent in the interpretation of engineering and geoscience data; therefore, our conclusions necessarily represent only informed professional judgment.

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The data used in our estimates were obtained from MRD, public data sources, and the nonconfidential files of Netherland, Sewell & Associates, Inc. and were accepted as accurate. Supporting work data are on file in our office. We have not examined the titles to the properties or independently confirmed the actual degree or type of interest owned. The technical persons responsible for preparing the estimates presented herein meet the requirements regarding qualifications, independence, objectivity, and confidentiality set forth in the SPE Standards. We are independent petroleum engineers, geologists, geophysicists, and petrophysicists; we do not own an interest in these properties nor are we employed on a contingent basis.

Sincerely,

### NETHERLAND, SEWELL & ASSOCIATES, INC.

Texas Registered Engineering Firm F-2699

By: /s/ C.H. (Scott) Rees III
C.H. (Scott) Rees III, P.E.
Chairman and Chief Executive Officer

By: /s/ Allen E. Evans, Jr. Allen E. Evans, Jr., P.G. 1286 Vice President

Date Signed: April 3, 2014

By: /s/ Justin S. Hamilton Justin S. Hamilton, P.E. 104999

Vice President

Date Signed: April 3, 2014

JSH:JLO

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#### **DEFINITIONS OF OIL AND GAS RESERVES**

Adapted from U.S. Securities and Exchange Commission Regulation S-X Section 210.4-10(a)

The following definitions are set forth in U.S. Securities and Exchange Commission (SEC) Regulation S-X Section 210.4-10(a). Also included is supplemental information from (1) the 2007 Petroleum Resources Management System approved by the Society of Petroleum Engineers, (2) the FASB Accounting Standards Codification Topic 932, Extractive Activities Oil and Gas, and (3) the SEC s Compliance and Disclosur Interpretations.
(1) Acquisition of properties. Costs incurred to purchase, lease or otherwise acquire a property, including costs of lease bonuses and options purchase or lease properties, the portion of costs applicable to minerals when land including mineral rights is purchased in fee, brokers fees, recording fees, legal costs, and other costs incurred in acquiring properties.
(2) Analogous reservoir. Analogous reservoirs, as used in resources assessments, have similar rock and fluid properties, reservoir conditions (depth, temperature, and pressure) and drive mechanisms, but are typically at a more advanced stage of development than the reservoir of interest and thus may provide concepts to assist in the interpretation of more limited data and estimation of recovery. When used to support proved reserves, an analogous reservoir refers to a reservoir that shares the following characteristics with the reservoir of interest:
(i) Same geological formation (but not necessarily in pressure communication with the reservoir of interest);
(ii) Same environment of deposition;
(iii) Similar geological structure; and
(iv) Same drive mechanism.

Instruction to paragraph (a)(2): Reservoir properties must, in the aggregate, be no more favorable in the analog than in the reservoir of interest.

(3) *Bitumen*. Bitumen, sometimes referred to as natural bitumen, is petroleum in a solid or semi-solid state in natural deposits with a viscosity greater than 10,000 centipoise measured at original temperature in the deposit and atmospheric pressure, on a gas free basis. In its natural state it usually contains sulfur, metals, and other non-hydrocarbons.

- (4) Condensate. Condensate is a mixture of hydrocarbons that exists in the gaseous phase at original reservoir temperature and pressure, but that, when produced, is in the liquid phase at surface pressure and temperature.
- (5) *Deterministic estimate*. The method of estimating reserves or resources is called deterministic when a single value for each parameter (from the geoscience, engineering, or economic data) in the reserves calculation is used in the reserves estimation procedure.
- (6) Developed oil and gas reserves. Developed oil and gas reserves are reserves of any category that can be expected to be recovered:
  - (i) Through existing wells with existing equipment and operating methods or in which the cost of the required equipment is relatively minor compared to the cost of a new well; and

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#### **DEFINITIONS OF OIL AND GAS RESERVES**

Adapted from U.S. Securities and Exchange Commission Regulation S-X Section 210.4-10(a)

(ii) Through installed extraction equipment and infrastructure operational at the time of the reserves estimate if the extraction is by means not involving a well.

Supplemental definitions from the 2007 Petroleum Resources Management System:

Developed Producing Reserves Developed Producing Reserves are expected to be recovered from completion intervals that are open and producing at the time of the estimate. Improved recovery reserves are considered producing only after the improved recovery project is in operation.

Developed Non-Producing Reserves Developed Non-Producing Reserves include shut-in and behind-pipe Reserves. Shut-in Reserves are expected to be recovered from (1) completion intervals which are open at the time of the estimate but which have not yet started producing, (2) wells which were shut-in for market conditions or pipeline connections, or (3) wells not capable of production for mechanical reasons. Behind-pipe Reserves are expected to be recovered from zones in existing wells which will require additional completion work or future recompletion prior to start of production. In all cases, production can be initiated or restored with relatively low expenditure compared to the cost of drilling a new well.

- (7) Development costs. Costs incurred to obtain access to proved reserves and to provide facilities for extracting, treating, gathering and storing the oil and gas. More specifically, development costs, including depreciation and applicable operating costs of support equipment and facilities and other costs of development activities, are costs incurred to:
  - (i) Gain access to and prepare well locations for drilling, including surveying well locations for the purpose of determining specific development drilling sites, clearing ground, draining, road building, and relocating public roads, gas lines, and power lines, to the extent necessary in developing the proved reserves.
  - (ii) Drill and equip development wells, development-type stratigraphic test wells, and service wells, including the costs of platforms and of well equipment such as casing, tubing, pumping equipment, and the wellhead assembly.
  - (iii) Acquire, construct, and install production facilities such as lease flow lines, separators, treaters, heaters, manifolds, measuring devices, and production storage tanks, natural gas cycling and processing plants, and central utility and waste disposal systems.
  - (iv) Provide improved recovery systems.
- (8) Development project. A development project is the means by which petroleum resources are brought to the status of economically producible. As examples, the development of a single reservoir or field, an incremental development in a producing field, or the integrated

development of a group of several fields and associated facilities with a common ownership may constitute a development project.

- (9) Development well. A well drilled within the proved area of an oil or gas reservoir to the depth of a stratigraphic horizon known to be productive.
- (10) *Economically producible*. The term economically producible, as it relates to a resource, means a resource which generates revenue that exceeds, or is reasonably expected to exceed, the costs of the operation. The value of the products that generate revenue shall be determined at the terminal point of oil and gas producing activities as defined in paragraph (a)(16) of this section.
- (11) Estimated ultimate recovery (EUR). Estimated ultimate recovery is the sum of reserves remaining as of a given date and cumulative production as of that date.

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#### DEFINITIONS OF OIL AND GAS RESERVES

Adapted from U.S. Securities and Exchange Commission Regulation S-X Section 210.4-10(a)

(12) Exploration costs. Cos	ts incurred in identifying areas that may warrant examination and in examining specific areas that are considered to
have prospects of containing	oil and gas reserves, including costs of drilling exploratory wells and exploratory-type stratigraphic test wells.
Exploration costs may be inc	urred both before acquiring the related property (sometimes referred to in part as prospecting costs) and after
acquiring the property. Princi	ipal types of exploration costs, which include depreciation and applicable operating costs of support equipment and
facilities and other costs of ex	sploration activities, are:

- (i) Costs of topographical, geographical and geophysical studies, rights of access to properties to conduct those studies, and salaries and other expenses of geologists, geophysical crews, and others conducting those studies. Collectively, these are sometimes referred to as geological and geophysical or G&G costs.
- (ii) Costs of carrying and retaining undeveloped properties, such as delay rentals, ad valorem taxes on properties, legal costs for title defense, and the maintenance of land and lease records.
- (iii) Dry hole contributions and bottom hole contributions.
- (iv) Costs of drilling and equipping exploratory wells.
- (v) Costs of drilling exploratory-type stratigraphic test wells.
- (13) *Exploratory well*. An exploratory well is a well drilled to find a new field or to find a new reservoir in a field previously found to be productive of oil or gas in another reservoir. Generally, an exploratory well is any well that is not a development well, an extension well, a service well, or a stratigraphic test well as those items are defined in this section.
- (14) Extension well. An extension well is a well drilled to extend the limits of a known reservoir.
- (15) *Field.* An area consisting of a single reservoir or multiple reservoirs all grouped on or related to the same individual geological structural feature and/or stratigraphic condition. There may be two or more reservoirs in a field which are separated vertically by intervening impervious strata, or laterally by local geologic barriers, or by both. Reservoirs that are associated by being in overlapping or adjacent fields may be treated as a single or common operational field. The geological terms—structural feature—and—stratigraphic condition—are intended to identify localized geological features as opposed to the broader terms of basins, trends, provinces, plays, areas-of-interest, etc.

(16) Oil and gas producing activities.

- (i) Oil and gas producing activities include:
  - (A) The search for crude oil, including condensate and natural gas liquids, or natural gas (oil and gas) in their natural states and original locations;
  - (B) The acquisition of property rights or properties for the purpose of further exploration or for the purpose of removing the oil or gas from such properties;
  - (C) The construction, drilling, and production activities necessary to retrieve oil and gas from their natural reservoirs, including the acquisition, construction, installation, and maintenance of field gathering and storage systems, such as:
    - (1) Lifting the oil and gas to the surface; and

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#### DEFINITIONS OF OIL AND GAS RESERVES

Adapted from U.S. Securities and Exchange Commission Regulation S-X Section 210.4-10(a)

- (2) Gathering, treating, and field processing (as in the case of processing gas to extract liquid hydrocarbons); and
- (D) Extraction of saleable hydrocarbons, in the solid, liquid, or gaseous state, from oil sands, shale, coalbeds, or other nonrenewable natural resources which are intended to be upgraded into synthetic oil or gas, and activities undertaken with a view to such extraction.

Instruction 1 to paragraph (a)(16)(i): The oil and gas production function shall be regarded as ending at a terminal point, which is the outlet valve on the lease or field storage tank. If unusual physical or operational circumstances exist, it may be appropriate to regard the terminal point for the production function as:

- a. The first point at which oil, gas, or gas liquids, natural or synthetic, are delivered to a main pipeline, a common carrier, a refinery, or a marine terminal; and
- b. In the case of natural resources that are intended to be upgraded into synthetic oil or gas, if those natural resources are delivered to a purchaser prior to upgrading, the first point at which the natural resources are delivered to a main pipeline, a common carrier, a refinery, a marine terminal, or a facility which upgrades such natural resources into synthetic oil or gas.

Instruction 2 to paragraph (a)(16)(i): For purposes of this paragraph (a)(16), the term saleable hydrocarbons means hydrocarbons that are saleable in the state in which the hydrocarbons are delivered.

- (ii) Oil and gas producing activities do not include:
  - (A) Transporting, refining, or marketing oil and gas;
  - (B) Processing of produced oil, gas, or natural resources that can be upgraded into synthetic oil or gas by a registrant that does not have the legal right to produce or a revenue interest in such production;
  - (C) Activities relating to the production of natural resources other than oil, gas, or natural resources from which synthetic oil and gas can be extracted; or
  - (D) Production of geothermal steam.

- (17) Possible reserves. Possible reserves are those additional reserves that are less certain to be recovered than probable reserves.
  - (i) When deterministic methods are used, the total quantities ultimately recovered from a project have a low probability of exceeding proved plus probable plus possible reserves. When probabilistic methods are used, there should be at least a 10% probability that the total quantities ultimately recovered will equal or exceed the proved plus probable plus possible reserves estimates.
  - (ii) Possible reserves may be assigned to areas of a reservoir adjacent to probable reserves where data control and interpretations of available data are progressively less certain. Frequently, this will be in areas where geoscience and engineering data are unable to define clearly the area and vertical limits of commercial production from the reservoir by a defined project.
  - (iii) Possible reserves also include incremental quantities associated with a greater percentage recovery of the hydrocarbons in place than the recovery quantities assumed for probable reserves.
  - (iv) The proved plus probable and proved plus probable plus possible reserves estimates must be based on reasonable alternative technical and commercial interpretations within the reservoir or subject project that are clearly documented, including comparisons to results in successful similar projects.

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#### **DEFINITIONS OF OIL AND GAS RESERVES**

Adapted from U.S. Securities and Exchange Commission Regulation S-X Section 210.4-10(a)

- (v) Possible reserves may be assigned where geoscience and engineering data identify directly adjacent portions of a reservoir within the same accumulation that may be separated from proved areas by faults with displacement less than formation thickness or other geological discontinuities and that have not been penetrated by a wellbore, and the registrant believes that such adjacent portions are in communication with the known (proved) reservoir. Possible reserves may be assigned to areas that are structurally higher or lower than the proved area if these areas are in communication with the proved reservoir.
- (vi) Pursuant to paragraph (a)(22)(iii) of this section, where direct observation has defined a highest known oil (HKO) elevation and the potential exists for an associated gas cap, proved oil reserves should be assigned in the structurally higher portions of the reservoir above the HKO only if the higher contact can be established with reasonable certainty through reliable technology. Portions of the reservoir that do not meet this reasonable certainty criterion may be assigned as probable and possible oil or gas based on reservoir fluid properties and pressure gradient interpretations.
- (18) *Probable reserves*. Probable reserves are those additional reserves that are less certain to be recovered than proved reserves but which, together with proved reserves, are as likely as not to be recovered.
  - (i) When deterministic methods are used, it is as likely as not that actual remaining quantities recovered will exceed the sum of estimated proved plus probable reserves. When probabilistic methods are used, there should be at least a 50% probability that the actual quantities recovered will equal or exceed the proved plus probable reserves estimates.
  - (ii) Probable reserves may be assigned to areas of a reservoir adjacent to proved reserves where data control or interpretations of available data are less certain, even if the interpreted reservoir continuity of structure or productivity does not meet the reasonable certainty criterion. Probable reserves may be assigned to areas that are structurally higher than the proved area if these areas are in communication with the proved reservoir.
  - (iii) Probable reserves estimates also include potential incremental quantities associated with a greater percentage recovery of the hydrocarbons in place than assumed for proved reserves.
  - (iv) See also guidelines in paragraphs (a)(17)(iv) and (a)(17)(vi) of this section.
- (19) *Probabilistic estimate*. The method of estimation of reserves or resources is called probabilistic when the full range of values that could reasonably occur for each unknown parameter (from the geoscience and engineering data) is used to generate a full range of possible outcomes and their associated probabilities of occurrence.

(20) Production costs.

(i)	Costs incurred to operate and maintain wells and related equipment and facilities, including depreciation and applicable operating
	costs of support equipment and facilities and other costs of operating and maintaining those wells and related equipment and
	facilities. They become part of the cost of oil and gas produced. Examples of production costs (sometimes called lifting costs) are:

- (A) Costs of labor to operate the wells and related equipment and facilities.
- (B) Repairs and maintenance.

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### **DEFINITIONS OF OIL AND GAS RESERVES**

	Adapted from U.S. Securities and Exchange Commission Regulation S-X Section 210.4-10(a)						
	(C)	Materials, supplies, and fuel consumed and supplies utilized in operating the wells and related equipment and facilities.					
	(D)	Property taxes and insurance applicable to proved properties and wells and related equipment and facilities.					
	(E)	Severance taxes.					
(ii)	Some support equipment or facilities may serve two or more oil and gas producing activities and may also serve transportation, refining, and marketing activities. To the extent that the support equipment and facilities are used in oil and gas producing activities, their depreciation and applicable operating costs become exploration, development or production costs, as appropriate. Depreciation, depletion, and amortization of capitalized acquisition, exploration, and development costs are not production costs but also become part of the cost of oil and gas produced along with production (lifting) costs identified above.						
(21) <i>Prove</i>	d area.	The part of a property to which proved reserves have been specifically attributed.					
engineerin and under to operate used for th	g data, o existing expire, o e estima	d gas reserves. Proved oil and gas reserves are those quantities of oil and gas, which, by analysis of geoscience and can be estimated with reasonable certainty to be economically producible from a given date forward, from known reservoirs, economic conditions, operating methods, and government regulations prior to the time at which contracts providing the right unless evidence indicates that renewal is reasonably certain, regardless of whether deterministic or probabilistic methods are ation. The project to extract the hydrocarbons must have commenced or the operator must be reasonably certain that it will ject within a reasonable time.					
(i)	The are	ea of the reservoir considered as proved includes:					
	(A)	The area identified by drilling and limited by fluid contacts, if any, and					

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

contain economically producible oil or gas on the basis of available geoscience and engineering data.

Adjacent undrilled portions of the reservoir that can, with reasonable certainty, be judged to be continuous with it and to

(iii)

(B)

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

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

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#### **DEFINITIONS OF OIL AND GAS RESERVES**

Adapted from U.S. Securities and Exchange Commission Regulation S-X Section 210.4-10(a)

- (B) The project has been approved for development by all necessary parties and entities, including governmental entities.
- (v) Existing economic conditions include prices and costs at which economic producibility from a reservoir is to be determined. The price shall be the average price during the 12-month period prior to the ending date of the period covered by the report, determined as an unweighted arithmetic average of the first-day-of-the-month price for each month within such period, unless prices are defined by contractual arrangements, excluding escalations based upon future conditions.
- (23) Proved properties. Properties with proved reserves.
- (24) *Reasonable certainty*. If deterministic methods are used, reasonable certainty means a high degree of confidence that the quantities will be recovered. If probabilistic methods are used, there should be at least a 90% probability that the quantities actually recovered will equal or exceed the estimate. A high degree of confidence exists if the quantity is much more likely to be achieved than not, and, as changes due to increased availability of geoscience (geological, geophysical, and geochemical), engineering, and economic data are made to estimated ultimate recovery (EUR) with time, reasonably certain EUR is much more likely to increase or remain constant than to decrease.
- (25) Reliable technology. Reliable technology is a grouping of one or more technologies (including computational methods) that has been field tested and has been demonstrated to provide reasonably certain results with consistency and repeatability in the formation being evaluated or in an analogous formation.
- (26) *Reserves*. Reserves are estimated remaining quantities of oil and gas and related substances anticipated to be economically producible, as of a given date, by application of development projects to known accumulations. In addition, there must exist, or there must be a reasonable expectation that there will exist, the legal right to produce or a revenue interest in the production, installed means of delivering oil and gas or related substances to market, and all permits and financing required to implement the project.

Note to paragraph (a)(26): Reserves should not be assigned to adjacent reservoirs isolated by major, potentially sealing, faults until those reservoirs are penetrated and evaluated as economically producible. Reserves should not be assigned to areas that are clearly separated from a known accumulation by a non-productive reservoir (i.e., absence of reservoir, structurally low reservoir, or negative test results). Such areas may contain prospective resources (i.e., potentially recoverable resources from undiscovered accumulations).

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#### DEFINITIONS OF OIL AND GAS RESERVES

Adapted from U.S. Securities and Exchange Commission Regulation S-X Section 210.4-10(a)

Excerpted from the FASB Accounting Standards Codification Topic 932, Extractive Activities Oil and Gas:

932-235-50-30 A standardized measure of discounted future net cash flows relating to an entity s interests in both of the following shall be disclosed as of the end of the year:

- a. Proved oil and gas reserves (see paragraphs 932-235-50-3 through 50-11B)
- b. Oil and gas subject to purchase under long-term supply, purchase, or similar agreements and contracts in which the entity participates in the operation of the properties on which the oil or gas is located or otherwise serves as the producer of those reserves (see paragraph 932-235-50-7).

The standardized measure of discounted future net cash flows relating to those two types of interests in reserves may be combined for reporting purposes.

932-235-50-31 All of the following information shall be disclosed in the aggregate and for each geographic area for which reserve quantities are disclosed in accordance with paragraphs 932-235-50-3 through 50-11B:

- a. Future cash inflows. These shall be computed by applying prices used in estimating the entity s proved oil and gas reserves to the year-end quantities of those reserves. Future price changes shall be considered only to the extent provided by contractual arrangements in existence at year-end.
- b. Future development and production costs. These costs shall be computed by estimating the expenditures to be incurred in developing and producing the proved oil and gas reserves at the end of the year, based on year-end costs and assuming continuation of existing economic conditions. If estimated development expenditures are significant, they shall be presented separately from estimated production costs.
- c. Future income tax expenses. These expenses shall be computed by applying the appropriate year-end statutory tax rates, with consideration of future tax rates already legislated, to the future pretax net cash flows relating to the entity s proved oil and gas reserves, less the tax basis of the properties involved. The future income tax expenses shall give effect to tax deductions and tax credits and allowances relating to the entity s proved oil and gas reserves.
- d. Future net cash flows. These amounts are the result of subtracting future development and production costs and future income tax expenses from future cash inflows.
- e. Discount. This amount shall be derived from using a discount rate of 10 percent a year to reflect the timing of the future net cash flows relating to proved oil and gas reserves.

- f. Standardized measure of discounted future net cash flows. This amount is the future net cash flows less the computed discount.
- (27) *Reservoir*. A porous and permeable underground formation containing a natural accumulation of producible oil and/or gas that is confined by impermeable rock or water barriers and is individual and separate from other reservoirs.
- (28) Resources. Resources are quantities of oil and gas estimated to exist in naturally occurring accumulations. A portion of the resources may be estimated to be recoverable, and another portion may be considered to be unrecoverable. Resources include both discovered and undiscovered accumulations.
- (29) Service well. A well drilled or completed for the purpose of supporting production in an existing field. Specific purposes of service wells include gas injection, water injection, steam injection, air injection, salt-water disposal, water supply for injection, observation, or injection for in-situ combustion.
- (30) Stratigraphic test well. A stratigraphic test well is a drilling effort, geologically directed, to obtain information pertaining to a specific geologic condition. Such wells customarily are drilled without the intent of being completed for hydrocarbon production. The classification also includes tests identified as core tests and all types of expendable holes related to hydrocarbon exploration. Stratigraphic tests are classified as exploratory type—if not drilled in a known area or—development type—if drilled in a known area.

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#### DEFINITIONS OF OIL AND GAS RESERVES

Adapted from U.S. Securities and Exchange Commission Regulation S-X Section 210.4-10(a)

(31) *Undeveloped oil and gas reserves*. Undeveloped oil and gas reserves are reserves of any category that are expected to be recovered from new wells on undrilled acreage, or from existing wells where a relatively major expenditure is required for recompletion.

- (i) Reserves on undrilled acreage shall be limited to those directly offsetting development spacing areas that are reasonably certain of production when drilled, unless evidence using reliable technology exists that establishes reasonable certainty of economic producibility at greater distances.
- (ii) Undrilled locations can be classified as having undeveloped reserves only if a development plan has been adopted indicating that they are scheduled to be drilled within five years, unless the specific circumstances, justify a longer time.

From the SEC s Compliance and Disclosure Interpretations (October 26, 2009):

Although several types of projects such as constructing offshore platforms and development in urban areas, remote locations or environmentally sensitive locations by their nature customarily take a longer time to develop and therefore often do justify longer time periods, this determination must always take into consideration all of the facts and circumstances. No particular type of project per se justifies a longer time period, and any extension beyond five years should be the exception, and not the rule.

Factors that a company should consider in determining whether or not circumstances justify recognizing reserves even though development may extend past five years include, but are not limited to, the following:

The company s level of ongoing significant development activities in the area to be developed (for example, drilling only the minimum number of wells necessary to maintain the lease generally would not constitute significant development activities);

The company s historical record at completing development of comparable long-term projects;

The amount of time in which the company has maintained the leases, or booked the reserves, without significant development activities;

The extent to which the company has followed a previously adopted development plan (for example, if a company has changed its development plan several times without taking significant steps to implement any of those plans, recognizing proved undeveloped reserves typically would not be appropriate); and

The extent to which delays in development are caused by external factors related to the physical operating environment (for example, restrictions on development on Federal lands, but not obtaining government permits), rather than by internal factors (for example, shifting resources to develop properties with higher priority).

- (iii) Under no circumstances shall estimates for undeveloped reserves be attributable to any acreage for which an application of fluid injection or other improved recovery technique is contemplated, unless such techniques have been proved effective by actual projects in the same reservoir or an analogous reservoir, as defined in paragraph (a)(2) of this section, or by other evidence using reliable technology establishing reasonable certainty.
- (32) Unproved properties. Properties with no proved reserves.

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Appendix B-2

C.H. (SCOTT) REES III

P. SCOTT FROST DALLAS

PRESIDENT & COO

J. CARTER HENSON, JR. HOUSTON

DANNY D. SIMMONS

DAN PAUL SMITH DALLAS

EXECUTIVE VP

JOSEPH J. SPELLMAN DALLAS

G. LANCE BINDER

THOMAS J. TELLA II DALLAS

April 24, 2014

Mr. John A. Weinzierl

Memorial Resource Development LLC

1301 McKinney Street, Suite 2100

Houston, Texas 77010

Dear Mr. Weinzierl:

In accordance with your request, we have audited the estimates prepared by Memorial Resource Development LLC and its subsidiaries (collectively referred to herein as MRD), as of December 31, 2013, of the probable and possible reserves and future revenue to the Memorial Resource Development LLC interest in certain oil and gas properties located in Colorado, Louisiana, Oklahoma, and Texas. The audited estimates shown herein have been revised from the estimates in our April 4, 2014, audit letter to reflect changes in the development plan of the Upper Cotton Valley Sands in Terryville and Hico-Knowles Fields, Louisiana. With the exception of these changes, we completed our audit on or about April 4, 2014. Our estimates of proved reserves and future revenue for these properties are set forth in our report dated April 3, 2014. Memorial Resource Development LLC owns its interest in these properties through its subsidiaries Black Diamond Minerals, LLC; Classic Hydrocarbons, Inc.; and WildHorse Resources, LLC (WHR). It is our understanding that the probable and possible reserves estimated in this report constitute all of the probable and possible reserves owned by MRD (other than those attributable to BlueStone Natural Resources Holdings, LLC; Memorial Production Partners LP; and their respective subsidiaries). We have examined the estimates with respect to reserves quantities, reserves categorization, future producing rates, future net revenue, and the present value of such future net revenue, using the definitions set forth in U.S. Securities and Exchange Commission (SEC) Regulation S-X Rule 4-10(a). The estimates of reserves and future revenue have been prepared in accordance with the definitions and regulations of the SEC and, with the exception of the exclusion of future income taxes, conform to the FASB Accounting Standards Codification Topic 932, Extractive Activities Oil and Gas. This report has been prepared for Memorial Resource Development LLC s use in filing with the SEC; in our opinion the assumptions, data, methods, and procedures used in the preparation of this report are appropriate for such purpose.

The following table sets forth MRD s estimates of the net reserves and future net revenue, as of December 31, 2013, for the audited properties:

	Net Reserves			Future Net Revenue (M\$)	
	Oil	NGL	Gas(1)		Present Worth
Category	(MBBL)	(MBBL)	(MMCF)	Total	at 10%
Probable	10,479.7	33,708.9	535,185.3	2,148,275.7	1,052,242.6
Possible	36,376.1	68,686.1	1,080,539.7	6,167,918.1	2,386,228.2

(1) Estimates of gas reserves include field fuel usage volumes for the WHR properties.

The oil volumes shown include crude oil and condensate. Oil and natural gas liquids (NGL) volumes are expressed in thousands of barrels (MBBL); a barrel is equivalent to 42 United States gallons. Gas volumes are expressed in millions of cubic feet (MMCF) at standard temperature and pressure bases.

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When compared on a field-by-field basis, some of the estimates of MRD are greater and some are less than the estimates of Netherland, Sewell & Associates, Inc. (NSAI). However, in our opinion the estimates of MRD s probable and possible reserves and future revenue shown herein are, in the aggregate, reasonable and have been prepared in accordance with the Standards Pertaining to the Estimating and Auditing of Oil and Gas Reserves Information promulgated by the Society of Petroleum Engineers (SPE Standards). Additionally, these estimates are within the recommended 10 percent tolerance threshold set forth in the SPE Standards. We are satisfied with the methods and procedures used by MRD in preparing the December 31, 2013, estimates of reserves and future revenue, and we saw nothing of an unusual nature that would cause us to take exception with the estimates, in the aggregate, as prepared by MRD.

The estimates shown herein are for probable and possible reserves; a substantial portion of these reserves are for undeveloped locations. MRD s estimates do not include any value for undeveloped acreage beyond those tracts for which undeveloped reserves have been estimated. Reserves categorization conveys the relative degree of certainty; reserves subcategorization is based on development and production status. The estimates of reserves and future revenue included herein have not been adjusted for risk.

Prices used by MRD are based on the 12-month unweighted arithmetic average of the first-day-of-the-month price for each month in the period January through December 2013. For oil and NGL volumes, the average West Texas Intermediate posted price of \$93.42 per barrel is adjusted by lease for quality and regional and local price differentials. For gas volumes, the average CIG Rocky Mountains spot price of \$3.527 per MMBTU is used for properties located in Colorado, and the average Henry Hub spot price of \$3.670 per MMBTU is used for all other properties. These average spot prices are adjusted by lease for energy content, transportation fees, and regional and local price differentials. All prices are held constant throughout the lives of the properties.

Operating costs used by MRD are based on historical operating expense records. For nonoperated properties, these costs include the per-well overhead expenses allowed under joint operating agreements along with estimates of costs to be incurred at and below the district and field levels. Operating costs have been divided into per-well costs, per-unit-of-production costs, and workover costs. Operating costs for the operated properties are limited to direct lease- and field-level costs and MRD s estimate of the portion of its headquarters general and administrative overhead expenses necessary to operate the properties. Capital costs used by MRD are based on authorizations for expenditure and actual costs from recent activity. Capital costs are included as required for workovers, new development wells, and production equipment. Operating costs and capital costs are not escalated for inflation. Estimates do not include any salvage value for the lease and well equipment or the cost of abandoning the properties.

The reserves shown in this report are estimates only and should not be construed as exact quantities. Proved reserves are those quantities of oil and gas which, by analysis of engineering and geoscience data, can be estimated with reasonable certainty to be economically producible; probable and possible reserves are those additional reserves which are sequentially less certain to be recovered than proved reserves. Estimates of reserves may increase or decrease as a result of market conditions, future operations, changes in regulations, or actual reservoir performance. In addition to the primary economic assumptions discussed herein, estimates of MRD and NSAI are based on certain assumptions including, but not limited to, that the properties will be developed consistent with current development plans, that the properties will be operated in a prudent manner, that no governmental regulations or controls will be put in place that would impact the ability of the interest owner to recover the reserves, and that projections of future production will prove consistent with actual performance. If the reserves are recovered, the revenues therefrom and the costs related thereto could be more or less than the

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estimated amounts. Because of governmental policies and uncertainties of supply and demand, the sales rates, prices received for the reserves, and costs incurred in recovering such reserves may vary from assumptions made while preparing these estimates.

It should be understood that our audit does not constitute a complete reserves study of the audited oil and gas properties. Our audit consisted primarily of substantive testing, wherein we conducted a detailed review of all properties. In the conduct of our audit, we have not independently verified the accuracy and completeness of information and data furnished by MRD with respect to ownership interests, oil and gas production, well test data, historical costs of operation and development, product prices, or any agreements relating to current and future operations of the properties and sales of production. However, if in the course of our examination something came to our attention that brought into question the validity or sufficiency of any such information or data, we did not rely on such information or data until we had satisfactorily resolved our questions relating thereto or had independently verified such information or data. Our audit did not include a review of MRD s overall reserves management processes and practices.

We used standard engineering and geoscience methods, or a combination of methods, including performance analysis, volumetric analysis, and analogy, that we considered to be appropriate and necessary to establish the conclusions set forth herein. As in all aspects of oil and gas evaluation, there are uncertainties inherent in the interpretation of engineering and geoscience data; therefore, our conclusions necessarily represent only informed professional judgment.

Supporting data documenting this audit, along with data provided by MRD, are on file in our office. The technical persons responsible for conducting this audit meet the requirements regarding qualifications, independence, objectivity, and confidentiality set forth in the SPE Standards. We are independent petroleum engineers, geologists, geophysicists, and petrophysicists; we do not own an interest in these properties nor are we employed on a contingent basis.

Sincerely,

NETHERLAND, SEWELL & ASSOCIATES, INC.

Texas Registered Engineering Firm F-2699

By: /s/ C.H. (Scott) Rees III C.H. (Scott) Rees III, P.E.

Chairman and Chief Executive Officer

By: /s/ William J. Knights

William J. Knights, P.G. 1532

Vice President

Date Signed: April 24, 2014

By: /s/ Philip S. (Scott) Frost Philip S. (Scott) Frost, P.E. 88738 Senior Vice President

Date Signed: April 24, 2014

PSF:JLO

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# 42,800,000 Shares

# **Common Stock**

### **PROSPECTUS**

Joint Book-Running Managers

Citigroup

**Barclays** 

**BofA Merrill Lynch** 

**BMO Capital Markets** 

Goldman, Sachs & Co.

**Raymond James** 

**RBC Capital Markets** 

# Wells Fargo Securities

Co-Managers

**Comerica Securities** 

**Credit Suisse** 

Mitsubishi UFJ Securities

**Morgan Stanley** 

Scotiabank / Howard Weil

**Simmons & Company International** 

Stephens Inc.

Stifel

**UBS Investment Bank** 

**Wunderlich Securities** 

June 12, 2014

Until July 7, 2014 (25 days after the date of this prospectus), all dealers effecting transactions in these securities, whether or not participating in this offering, may be required to deliver a prospectus. This is in addition to the dealers obligation to deliver a prospectus when acting as an underwriter and with respect to their unsold allotments or subscriptions.