



Barclays MLP Corporate Access Forum

Investor Presentation

March 4, 2015

www.memorialpp.com

Forward-Looking & Other Cautionary Statements

This presentation contains forward-looking statements. All statements, other than statements of historical facts, included in this presentation that address activities, events or developments that Memorial Production Partners LP (“MEMP”) expects, believes or anticipates will or may occur in the future are forward-looking statements. These statements are based on certain assumptions made by MEMP based on its experience and perception of historical trends, current conditions, expected future developments and other factors it believes are appropriate. Such statements are subject to risks and uncertainties. A number of factors, many of which are beyond the control of MEMP, could cause actual results to differ materially from those implied or expressed by the forward-looking statements. These factors include, but are not limited to, the following risks and uncertainties: the uncertainty inherent in the development and production of oil and natural gas and in estimating reserves; risks associated with drilling activities; potential difficulties in the marketing of, and volatility in the prices for, oil, natural gas and natural gas liquids; competition in the oil and natural gas industry; potential failure or shortages of, or increased costs for, drilling and production equipment and supply materials for production; risks related to acquisitions, including MEMP’s ability to integrate acquired properties; risks related to MEMP’s ability to generate sufficient cash flow to pay distributions, to make payments on its notes and to execute its business plan; MEMP’s ability to access funds on acceptable terms, if at all, because of the terms and conditions governing MEMP’s indebtedness or otherwise; and the risk that MEMP’s hedging strategy may be ineffective or may reduce its income. You are cautioned not to place undue reliance on any forward-looking statements, which speak only as of the date of this presentation. All forward-looking statements are qualified in their entirety by this cautionary statement. Please read MEMP’s Annual Report on Form 10-K for the year ended December 31, 2014 and other filings with the SEC, which are available on MEMP’s Investor Relations website at <http://investor.memorialpp.com/sec.cfm> or on the SEC’s website at www.sec.gov, for a list of certain risk factors that may affect forward-looking statements. MEMP undertakes no obligation and does not intend to update these forward-looking statements to reflect future events or circumstances.

The SEC permits oil and gas companies, in their filings with the SEC, to disclose only proved, probable and possible reserves that meet the SEC’s definitions for such terms. Reserve engineering is a complex and subjective process of estimating underground accumulations of oil and natural gas that cannot be measured in an exact way and the accuracy of any reserve estimate is a function of the quality of available data and of engineering and geological interpretation and judgment. Please read MEMP’s filings with the SEC, including “Risk Factors” in MEMP’s Annual Report on Form 10-K, for a discussion of the risks and uncertainties involved in the process of estimating reserves. This presentation also contains estimates of or references to original oil in place (“OOIP”) attributable to MEMP’s offshore California properties. OOIP is merely an indication of the size of a hydrocarbon reservoir and is not an indication of reserves or the quantity of oil that is likely to be produced. You should not assume that estimates of OOIP are comparable to proved or probable reserves or representative of estimates of future production from such properties. It is not possible to measure OOIP in an exact way, and estimating OOIP is inherently uncertain and based on a subjective analysis of geological and other relevant data applicable to such properties, including assumptions regarding area, thickness, porosity and saturation. Changes in these factors or inaccuracies in our assumptions could materially alter the estimates of OOIP.

Unless otherwise indicated, information in this presentation gives effect to all announced acquisitions through February 24, 2015.

Overview of Memorial Production Partners LP

- **Diverse portfolio of mature, long-lived producing properties**
 - Assets in East Texas / North Louisiana, Rockies, Permian, South Texas and California
- **Strategy of growing and maintaining production and distributions through acquisitions and low-risk development**
- **Extensive hedge portfolio helps protect production and cash flow through 2019**
 - 78% of total production hedged through 2016; 65% of total production hedged through 2019
 - Hedged to the appropriate basis differentials in all producing areas
- **Since IPO, successfully completed fourteen accretive acquisitions for \$2.5 billion**
 - Conservatively funded approximately 50% equity and 50% debt
- **Relationship with parent and sponsor further drives growth**

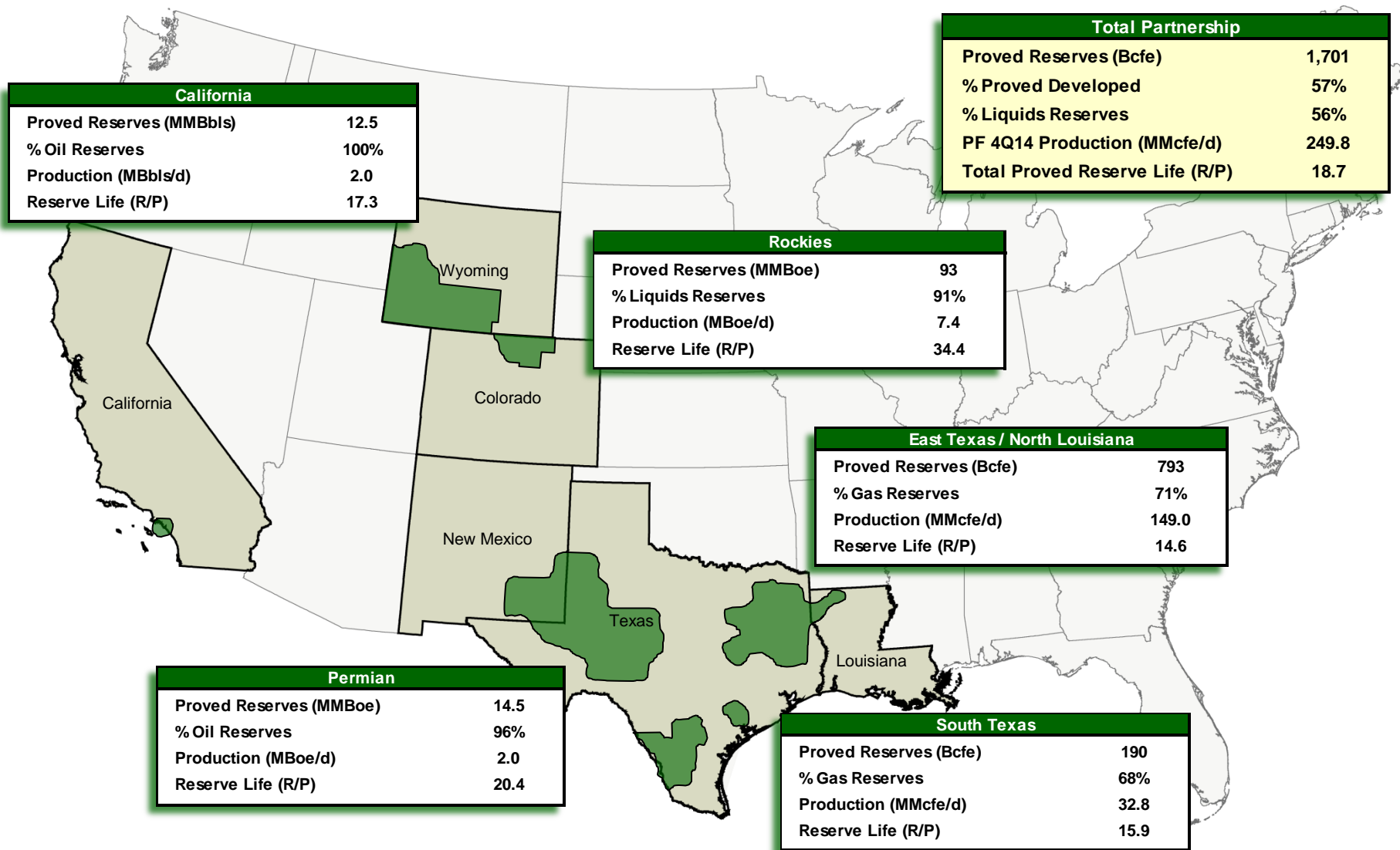
Key Statistics⁽¹⁾

- **Total Proved Reserves: 1,701 Bcfe**
 - 57% proved developed
 - 56% liquids
- **PF 4Q14 Production: 249.8 MMcfe/d⁽²⁾**
 - R/P of 18.7 years⁽²⁾
 - 3,618 gross (2,155 net) producing wells

(1) MEMP base assets reflect estimated proved reserves as of December 31, 2014 per MEMP internal estimates audited by Netherland, Sewell & Associates, Inc. ("NSAI") and Ryder Scott Company, L.P. ("Ryder Scott"); pro forma for the Joaquin acquisition

(2) Based on MEMP's current average net production of 227.8 MMcfe/d for the three months ended December 31, 2014; pro forma for the recently completed Joaquin acquisition

MEMP – Diverse, Long-Lived Assets (1)



(1) MEMP base assets reflect estimated proved reserves as of December 31, 2014 per MEMP internal estimates audited by NSAI and Ryder Scott; pro forma for the Joaquin acquisition

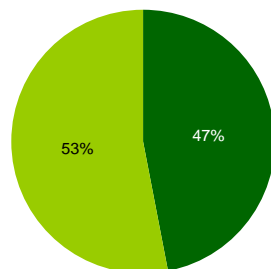
Acquisition Strategy Drives Growth & Diversification

Acquisitions Since IPO

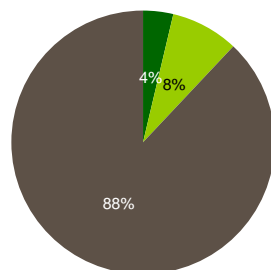
Date Announced	Transaction Structure	Location	Proved Reserves ⁽¹⁾ (Bcfe)	Net Production ⁽¹⁾ (MMcfe/d)	Purchase Price ⁽¹⁾ (\$MM)
February 2015	MRD Drop Down	East Texas / North Louisiana	247 ⁽²⁾	22 ⁽²⁾	\$78 ⁽²⁾
November 2014	MRD Drop Down	Rockies	5	3	15
May 2014	Third Party Acquisition	Rockies	499	35	935
March 2014	Third Party Acquisition	South Texas	44	10	173
March 2014	MRD Drop Down	East Texas	15	4	35
September 2013	Third Party Acquisitions	East Texas / Rockies	21	5	29
July 2013	MRD Drop Down / Acquisition from NGP	Permian / East Texas / Rockies	276	45	606
March 2013	MRD Drop Down	East Texas / North Louisiana	162	21	200
December 2012	Acquisition from NGP	California	86	9	271
September 2012	Third Party Acquisition	East Texas	139	13	90
May 2012	MRD Drop Down	East Texas	28	4	27
May 2012	Third Party Joint Bid with MRD	East Texas / North Louisiana	22	4	37
April 2012	MRD Drop Down	East Texas	20	2	19
Total			1,565	178	\$2,514

Evolution of Reserve Base

MEMP at IPO⁽³⁾
325 Bcfe – R/P of 17 Years

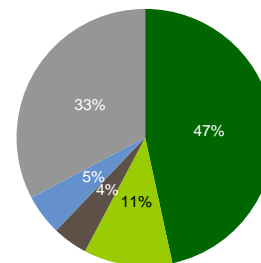


■ ETX ■ STX

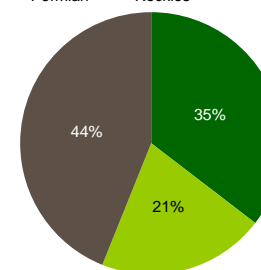


■ Oil ■ NGL ■ Gas

MEMP PF 2014⁽⁴⁾
1,701 Bcfe – R/P of 18.7 Years



■ ETX / NLA ■ STX ■ CA
■ Permian ■ Rockies



■ Oil ■ NGL ■ Gas

(1) Reflects proved reserves, average production and purchase price as announced at the time of each acquisition

(2) Reflects net effect of Joaquin acquisition

(3) Reflects estimated proved reserves as of December 2011 IPO

(4) MEMP base assets reflect estimated proved reserves as of December 31, 2014 per MEMP internal estimates audited by NSAI and Ryder Scott; pro forma for the Joaquin acquisition

Strong, Aligned Sponsor

Sponsorship Allows for Growth

Third Party Acquisitions



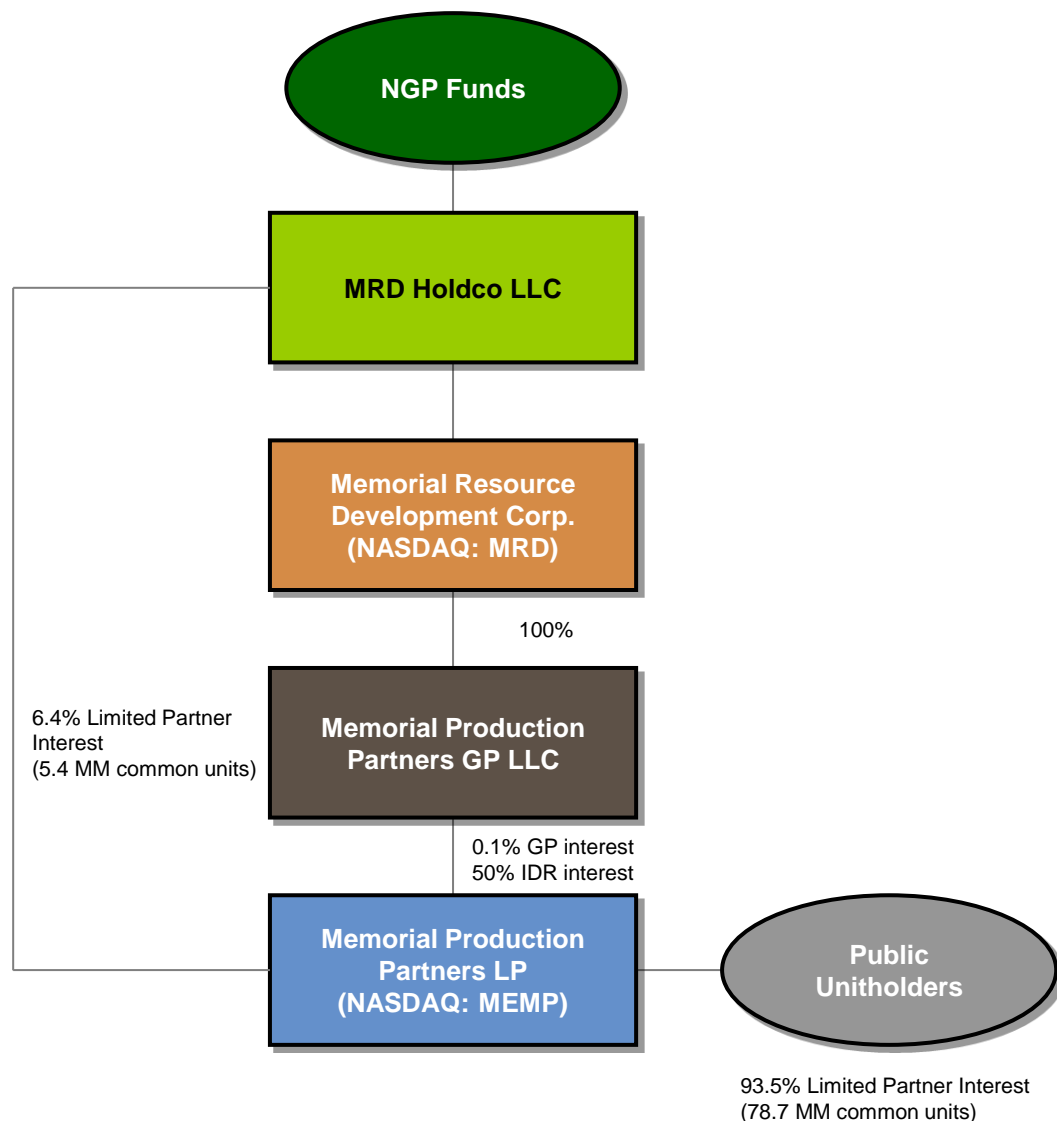
Joint Bid with MRD



Acquisitions from NGP



Drop Downs from MRD



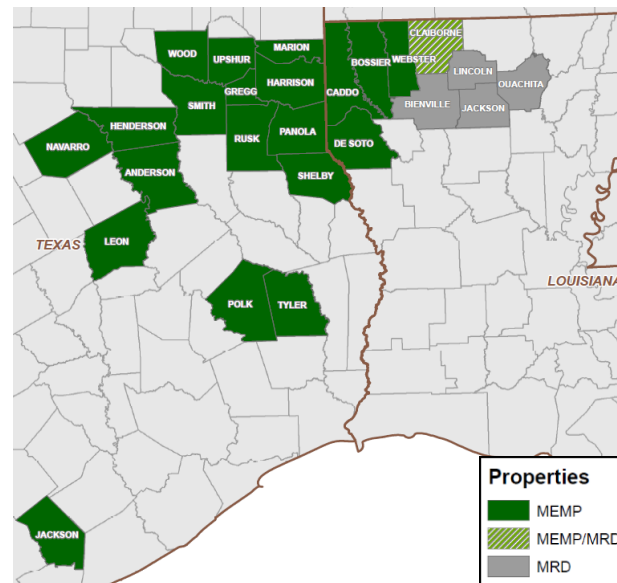
East Texas / North Louisiana: Diversity and Upside

Asset Overview

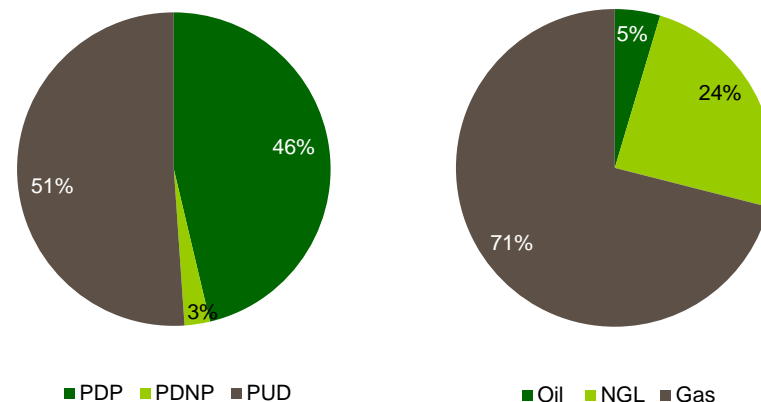
- Key Fields: Joaquin, Carthage, Willow Springs and East Henderson fields
- Primary Formations: Cotton Valley, Travis Peak
- Field Characteristics:
 - Fields discovered as early as 1936
 - Production depth ranges between 6,000 – 10,000 feet
 - Produced over 13.7 Tcfe since initial discoveries
- Estimated Net Proved Reserves: 793 Bcfe ⁽¹⁾
 - 71% gas
 - 49% proved developed
- Production: 149.0 MMcfe/d ⁽²⁾
 - R/P of 15 years
- Producing Wells: 1,492 gross (828 net)
 - 965 operated wells ⁽³⁾
 - Average working interest: 55%
- Drilling and Recompletion Opportunities: 95 PDNPs and 175 PUDs ⁽¹⁾
- Attractive rates of returns due to high liquids yields

(1) Reflects estimated proved reserves as of December 31, 2014 audited by NSAI and Ryder Scott; pro forma for the Joaquin acquisition
 (2) Average net production for the three months ended December 31, 2014; pro forma for the Joaquin acquisition
 (3) Represents wells operated by MEMP and MRD

Asset Location



East TX / North LA Proved Reserves Overview



Rockies: Concentrated, Long-Lived Assets

Asset Overview

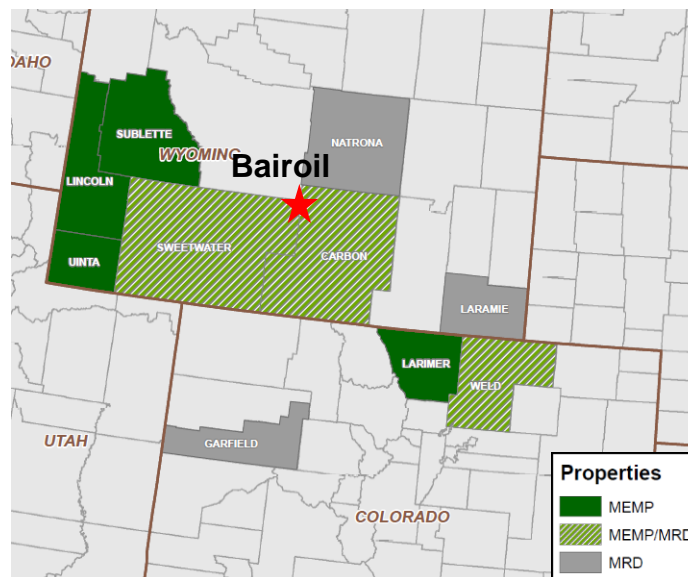
- Key fields: Lost Soldier and Wertz in Sweetwater and Carbon Counties, WY
 - Properties discovered in the early 1900's; began secondary recovery in the 1970's and tertiary recovery under CO₂ flood in the late 1980's
- Key formations for tertiary oil recovery: Darwin Madison, Cambrian and Tensleep
 - Other production from the Muddy, Lakota, Bucksprings and Pre-Cambrian
- 100% operated position with WI and NRI of 100% and 88%, respectively, in Bairoil properties
- Large number of CO₂ development projects and opportunities
- Legacy, conventional production coming from the Fort Collins, Moxa Arch and Wattenberg Fields
- Estimated Net Proved Reserves: 93 MMBoe ⁽¹⁾
 - 91% liquids
 - 61% proved developed
- Production: 7.4 MBoe/d ⁽²⁾
 - R/P of 34 years
- Producing Wells: 819 gross (382 net)
 - 335 operated wells ⁽³⁾
 - Average working interest: 47%
- Drilling and Recompletion Opportunities: 22 PDNPs and 60 PUDs ⁽¹⁾

(1) Reflects estimated proved reserves as of December 31, 2014 per MEMP internal estimates audited by NSAI and Ryder Scott

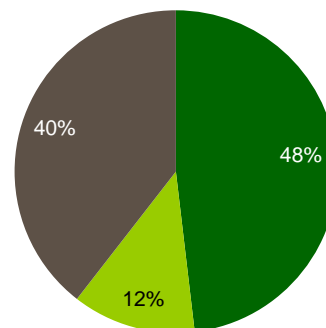
(2) Average net production for the three months ended December 31, 2014

(3) Represents wells operated by MEMP and MRD

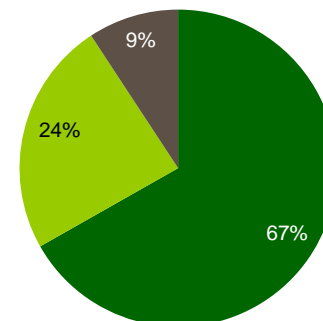
Asset Location



Rockies Proved Reserves Overview



■ PDP ■ PDNP ■ PUD



■ Oil ■ NGL ■ Gas

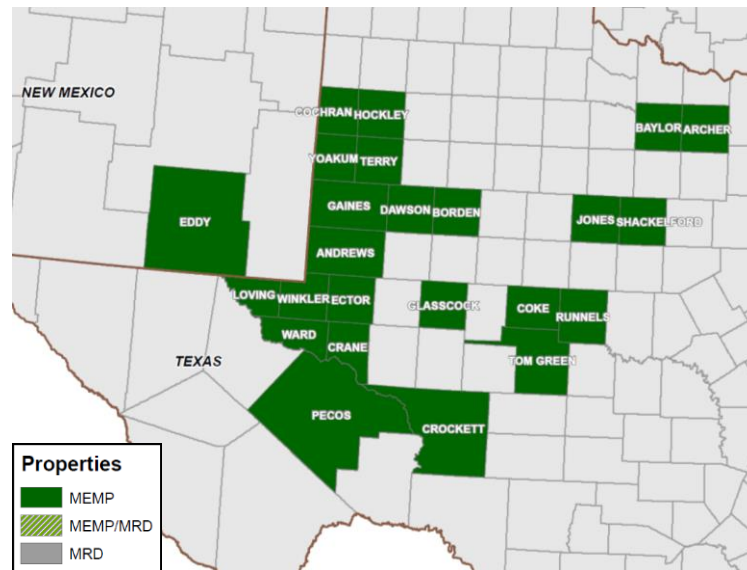
Permian Basin: Long-Lived Oil

Asset Overview

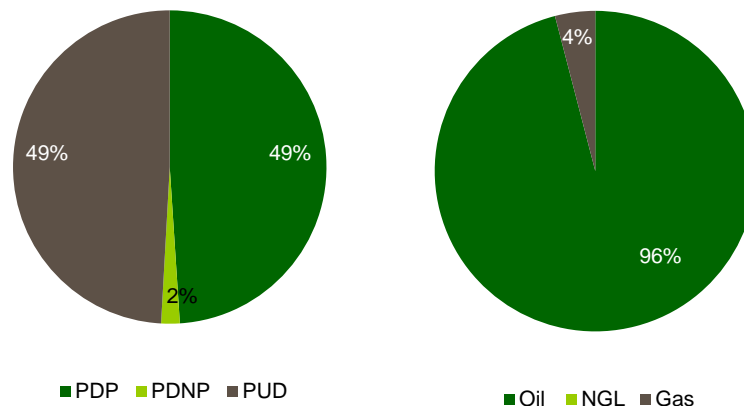
- Key Fields: Anita, Atoka, Dimmitt, Elkhorn, Kingdom Abo and North Square Lake
- Primary Formations: Abo Reef, Cherry Canyon, Clearfork and Palo Pinto
- Field Characteristics:
 - Fields discovered as early as 1920
 - One of the largest structural basins in North America with a surface area of over 75,000 square miles
 - Produced over 42 Billion Boe since initial discoveries
- Estimated Net Proved Reserves: 14.5 MMBoe ⁽¹⁾
 - 96% oil
 - 51% proved developed
- Production: 1,950 Boe/d ⁽²⁾
 - R/P of 20 years
- Producing Wells: 546 gross (493 net)
 - 509 operated wells ⁽³⁾
 - Average working interest: 90%
- Drilling and Recompletion Opportunities: 12 PDNPs and 192 PUDs ⁽¹⁾

(1) Reflects estimated proved reserves as of December 31, 2014 per MEMP internal estimates audited by NSAI and Ryder Scott
 (2) Average net production for the three months ended December 31, 2014
 (3) Represents wells operated by MEMP and MRD

Asset Location



Permian Basin Proved Reserves Overview



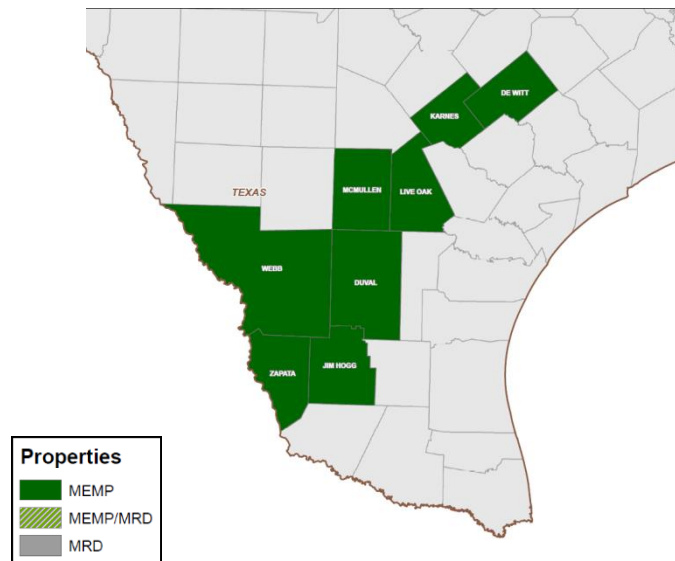
South Texas: Stable Production with Liquids

Asset Overview

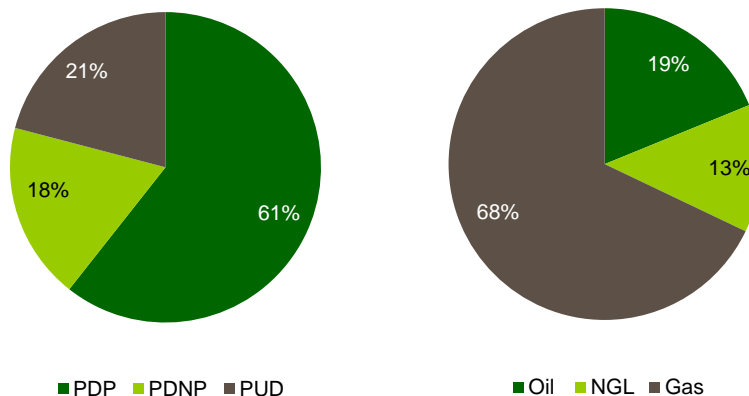
- Eagle Ford acreage position in the core of the Eagle Ford play in Karnes County
 - Area recognized as the volatile oil window
- Eagle Ford Producing Wells: 175 gross (10 net in 2014)
 - Producing wells are 100% non-op with primary operator, Murphy Oil Corporation
- Legacy South Texas Key Fields: NE Thompsonville, Laredo and East Seven Sisters
 - Primary Formations: Lobo, Wilcox
- Estimated Net Proved Reserves: 190 Bcfe ⁽¹⁾
 - 68% gas
 - 79% proved developed
- Production: 32.8 MMcfe/d ⁽²⁾
 - R/P of 16 years
- Total Producing Wells: 703 gross (423 net)
 - 493 operated wells ⁽³⁾
 - Average working interest: 60%
- Drilling and Recompletion Opportunities: 200 PDNPs and 142 PUDs ⁽¹⁾

(1) Reflects estimated proved reserves as of December 31, 2014 per MEMP internal estimates audited by NSAI and Ryder Scott
 (2) Average net production for the three months ended December 31, 2014
 (3) Represents wells operated by MEMP and MRD

Asset Location



South Texas Proved Reserves Overview



California: Significant Original Oil in Place

Asset Overview

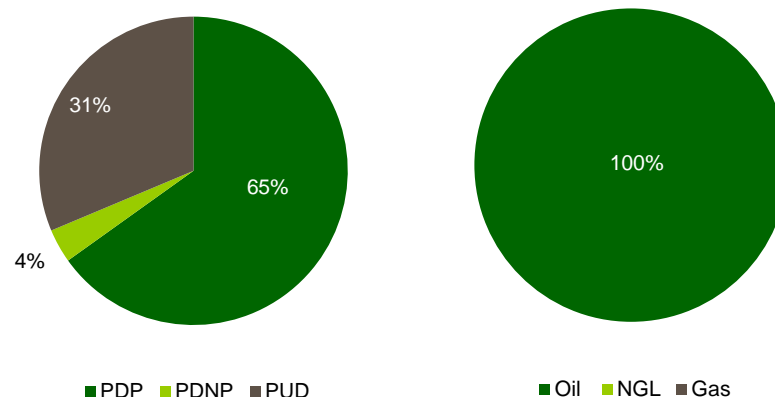
- Located ~11 miles offshore Port of Long Beach, California
 - 2 wellhead platforms each with a permanent drilling rig; 1 processing platform; associated pipelines and onshore facilities
- Field Characteristics:
 - Key field: Beta Field
 - Estimated OOIP of 940 MMBbls with 9% recovered to date ⁽¹⁾
- Estimated Net Proved Reserves: 12.5 MMBbls ⁽²⁾
 - 100% oil
 - 69% proved developed
- Production: 1,983 Bbls/d ⁽³⁾
 - R/P of 17.2 years
- Producing Wells: 58 gross (30 net)
 - 58 operated wells
 - Average working interest: 52%
- Drilling and Recompletion Opportunities: 2 PDNPs and 24 PUDs ⁽²⁾
- High operating margins and modest maintenance capex requirements

- (1) OOIP estimate as per third-party reservoir consultant; recovery factor based on cumulative production of 88 MMBbls
- (2) Reflects estimated proved reserves as of December 31, 2014 per MEMP internal estimates audited by NSAI and Ryder Scott
- (3) Average net production for the three months ended December 31, 2014

Asset Location



California Proved Reserves Overview



Financial Strategy

Preserve Financial Flexibility

- Liquidity of ~\$855 million provided by a \$1.44 billion borrowing base
- Expect to fund acquisitions on a conservative debt / equity basis over the long term

Hedge to Secure Cash Flows

- Aim for 65-85% of targeted production to be hedged on a rolling 3-6 year basis
- Execute additional hedges with acquisitions to lock-in accretion
- 100% hedged to the appropriate basis differential for natural gas and crude oil through 2015; 94% and 100% hedged to the appropriate basis differential for natural gas and crude oil respectively in 2016

Re-Investment Strategy

- Ability to fund maintenance capital expenditure requirements from existing cash flow
- Conservative capex profile focused on replacing production
- Capital projects characterized by low-risk development activities

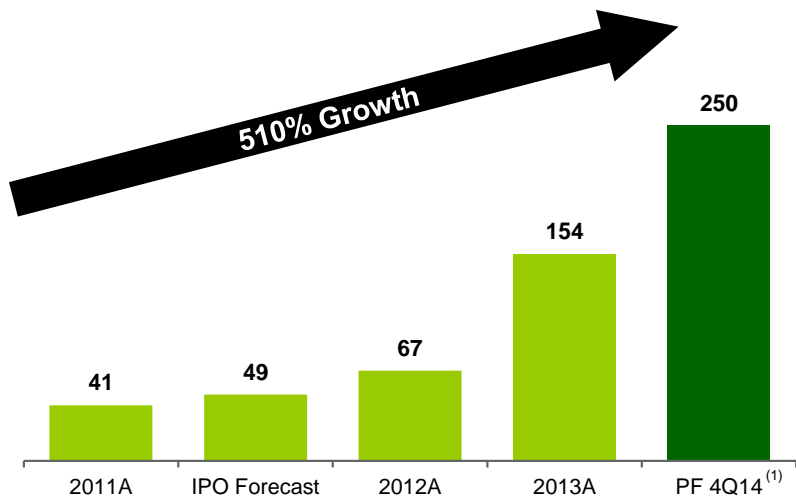
MEMP Hedging Overview: 2015 through 2019

- MEMP's commodity risk management policy provides for hedging approximately 65-85% of estimated production from total proved reserves on a rolling three to six year period
 - Policy reduces MEMP's exposure to movements in commodity prices and provides stability to distributable cash flow
 - All of MEMP's trading counterparties have credit ratings of A- (S&P) or A3 (Moody's) or higher
 - All of MEMP's current hedges are costless, fixed price swaps and collars
- MEMP's targeted average net production estimate represents the midpoint of the annual production range in the 2015 full year guidance

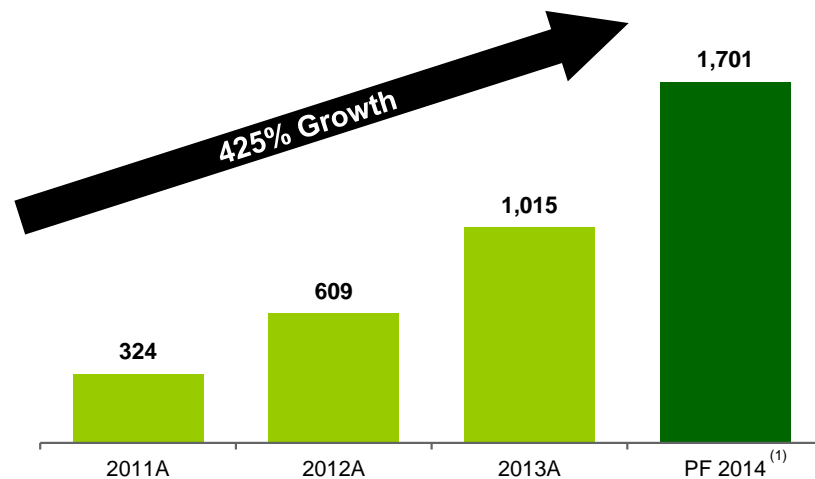
Hedge Summary					
	Year Ending December 31,				
	2015	2016	2017	2018	2019
Natural Gas Derivative Contracts:					
Total weighted-average fixed/floor price	\$4.22	\$4.22	\$4.14	\$4.28	\$4.43
Percent of 2015 production hedged	78%	77%	71%	65%	59%
Crude Oil Derivative Contracts:					
Total weighted-average fixed/floor price	\$91.08	\$86.87	\$84.70	\$83.74	\$85.52
Percent of 2015 production hedged	89%	86%	93%	96%	49%
Natural Gas Liquids Derivative Contracts:					
Total weighted-average fixed/floor price	\$42.36	\$40.36	\$37.55	–	–
Percent of 2015 production hedged	76%	59%	16%	–	–
Total Derivative Contracts:					
Total weighted-average fixed/floor price	\$7.78	\$7.53	\$7.77	\$8.19	\$7.15
Percent of 2015 production hedged	80%	76%	66%	59%	44%

Steady and Prudent Growth Since IPO

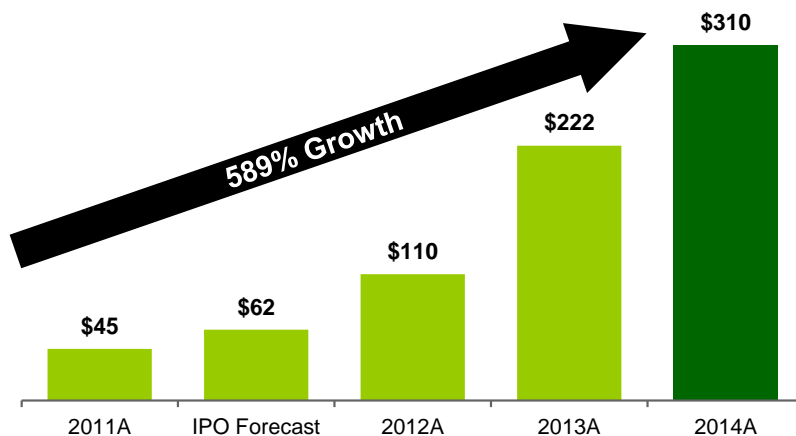
Daily Production (MMcfe/d)



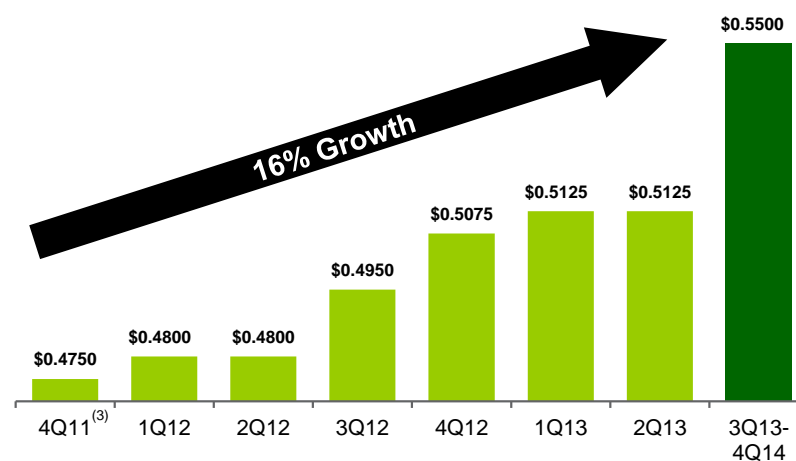
Reserves (Bcfe)



Adjusted EBITDA (\$ in Millions)⁽²⁾



Quarterly Distribution per LP Unit (\$ / Unit)



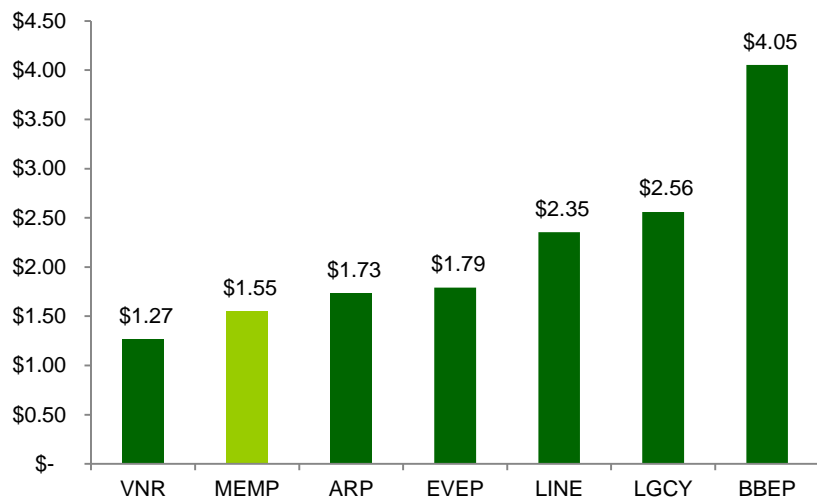
(1) Pro forma for the recently completed Joaquin acquisition

(2) Adjusted EBITDA is a non-GAAP financial measure. See MEMP's Form 10-K for the applicable year end, which is available on MEMP's website www.memorialpp.com, for MEMP's definition of Adjusted EBITDA and a reconciliation to net cash flows provided by operating activities, the most directly comparable measure calculated in accordance with GAAP. MEMP's Adjusted EBITDA may not be comparable to similarly titled measures of other companies.

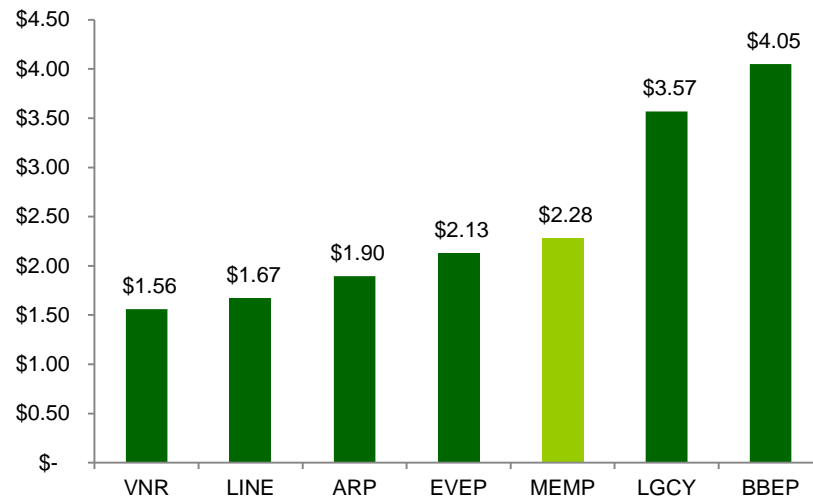
(3) Reflects annualized distribution of \$0.0929 / unit which is the prorated distribution from IPO closing to December 31, 2011

Low Cost Structure Drives High Margins and Distribution Stability (1)

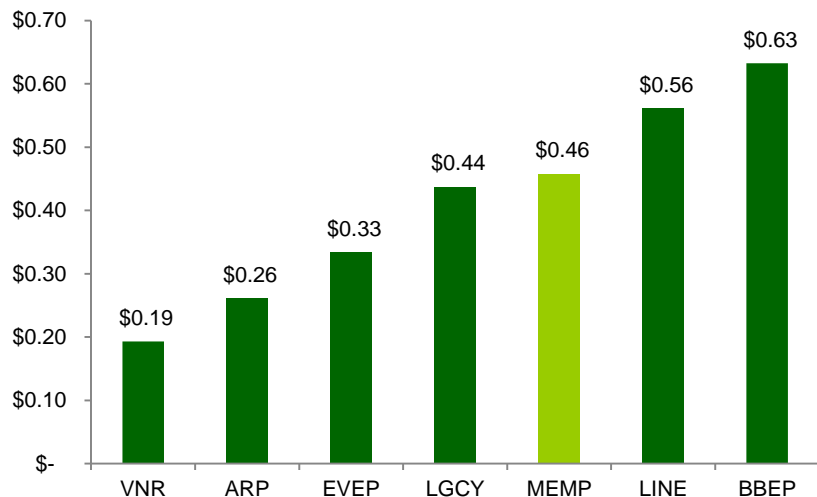
F&D / Mcfe



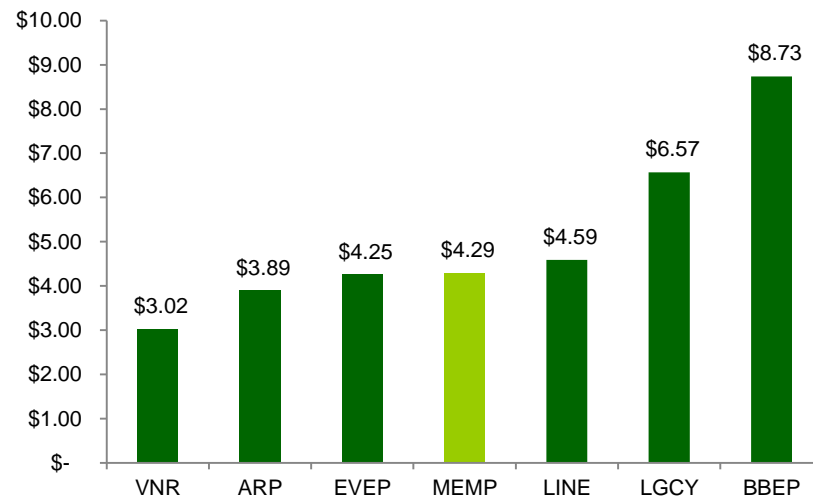
LOE / Mcfe (2)



G&A / Mcfe



Total Cost / Mcfe




Source: Public filings


(1) Peers' F&D cost data as of 3Q 2014, BBEP pro forma for QRE acquisition; MEMP F&D cost calculated as PDNP & PUD capex divided by PDNP and PUD reserves per estimated proved reserves as of December 31, 2014 per MEMP internal estimates audited by NSAI and Ryder Scott; pro forma for the Joaquin acquisition


(2) LOE includes production and ad valorem taxes


Safety, Growth and Returns


- High quality assets 

- MLP-appropriate asset profile 

- Strong sponsorship with aligned interests 

- Clear and achievable growth strategy 

- Seasoned management team 

- Cash flow visibility and security 

Appendix

Cash Margin Per Mcfe

	Twelve Months Ended 12/31/2014
Net production volumes	
Oil (MBbls)	3,092
NGLs (MBbls)	2,143
Natural gas (MMcf)	41,494
Total (MMcfe)	72,902
<i>Average net production (MMcfe/d)</i>	199.7
Average sales prices before hedges	
Oil (per Bbl)	\$84.88
NGLs (per Bbl)	30.20
Natural gas (per Mcf)	3.93
Average sales prices per Mcfe before hedges	\$6.72
Average sales prices per Mcfe after hedges	\$6.91
Average cash unit costs per Mcfe:	
Lease operating expenses	\$1.85
Production and ad valorem taxes	0.43
G&A expenses (excl. non-cash based comp and acquisition cost)	0.46
Cash margin before hedges (\$/Mcfe) ⁽¹⁾	\$3.99
<i>% Margin</i>	59%
Cash margin after hedges (\$/Mcfe) ⁽¹⁾	\$4.17
<i>% Margin</i>	60%

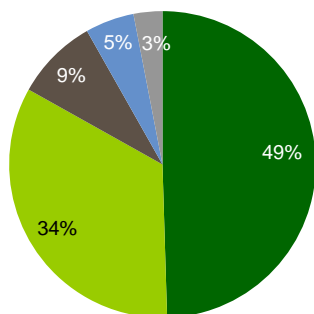
(1) Average sales price less lease operating expenses, production and ad valorem taxes and general and administrative expenses

Low Development Costs Maximize Margins

Identified Production Replacement

PDNP + PUDs

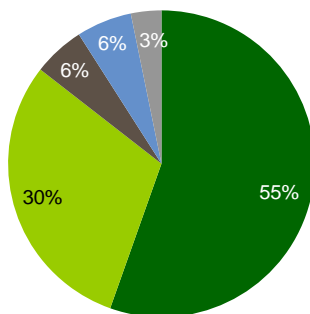
860 Bcfe Total



■ ETX / NLA ■ Rockies ■ STX ■ Permian ■ CA

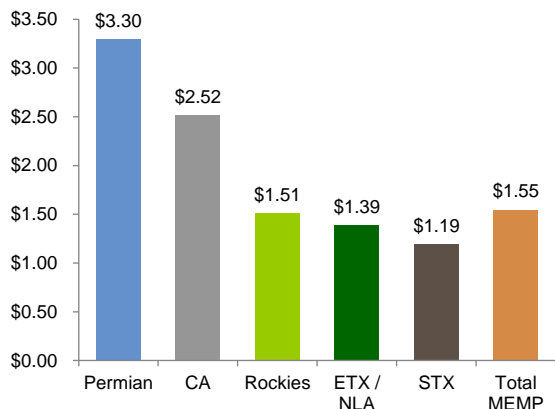
PUDs Only

731 Bcfe Total

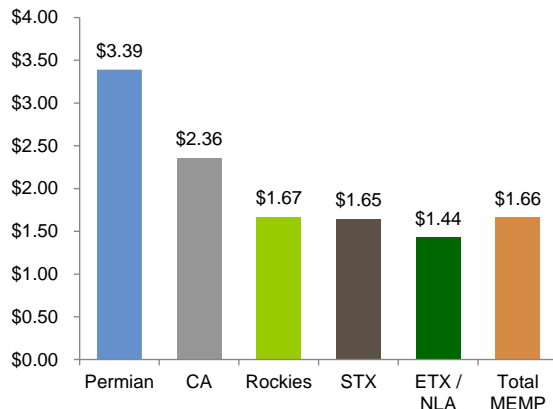


■ ETX / NLA ■ Rockies ■ STX ■ Permian ■ CA

Estimated F&D Costs by Region: PDNP + PUDs (1)



Estimated F&D Costs by Region: PUDs Only (2)



Project Types

- Control and reduce costs through low-risk drilling, recompletions and operational enhancements
- Field exploitation
 - Infill drilling
 - Optimize production
 - Artificial lift methods
 - Gathering system enhancements
 - Recomplete bypassed pay
 - Well reactivations
- Repeatable lifting cost reductions
 - Intense focus on cost analysis
 - Maximize economies of scale
 - Supplies
 - Services
 - Aggregate utility contracts

Note: MEMP base assets reflect estimated proved reserves as of December 31, 2014 per MEMP internal estimates audited by NSAI and Ryder Scott; pro forma for the Joaquin acquisition

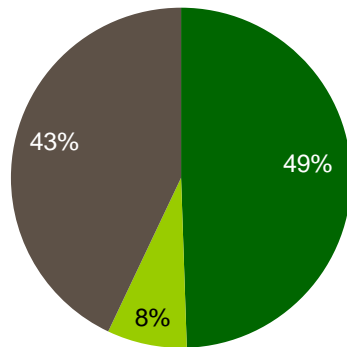
(1) F&D costs calculated as PDNP & PUD capex divided by PDNP and PUD reserves per MEMP internal estimates audited by NSAI and Ryder Scott

(2) F&D costs calculated as PUD capex divided by PUD reserves per MEMP internal estimates audited by NSAI and Ryder Scott

MEMP Reserve Details⁽¹⁾

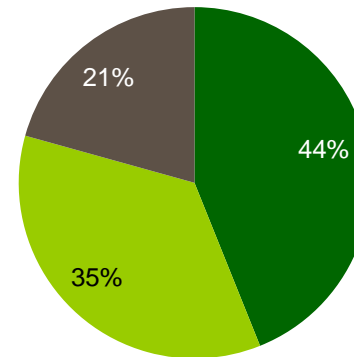
	Oil MBBL	Gas MMCF	NGLs MBBL	Total MMCFE	% of Proved %
PDP	47,187	377,540	30,135	841,477	49%
PDNP	7,484	43,310	6,803	129,031	8%
PUD	45,746	326,210	21,684	730,787	43%
Total Proved	100,418	747,060	58,622	1,701,296	100%

1P Reserves by Category⁽¹⁾



■ PDP ■ PDNP ■ PUD

1P Reserves by Commodity⁽¹⁾



■ Gas ■ Oil ■ NGL

(1) MEMP base assets reflect estimated proved reserves as of December 31, 2014 per MEMP internal estimates audited by NSAI and Ryder Scott; pro forma for the Joaquin acquisition

