



MERCER CAPITAL

Mineral Aggregator Valuation Multiples

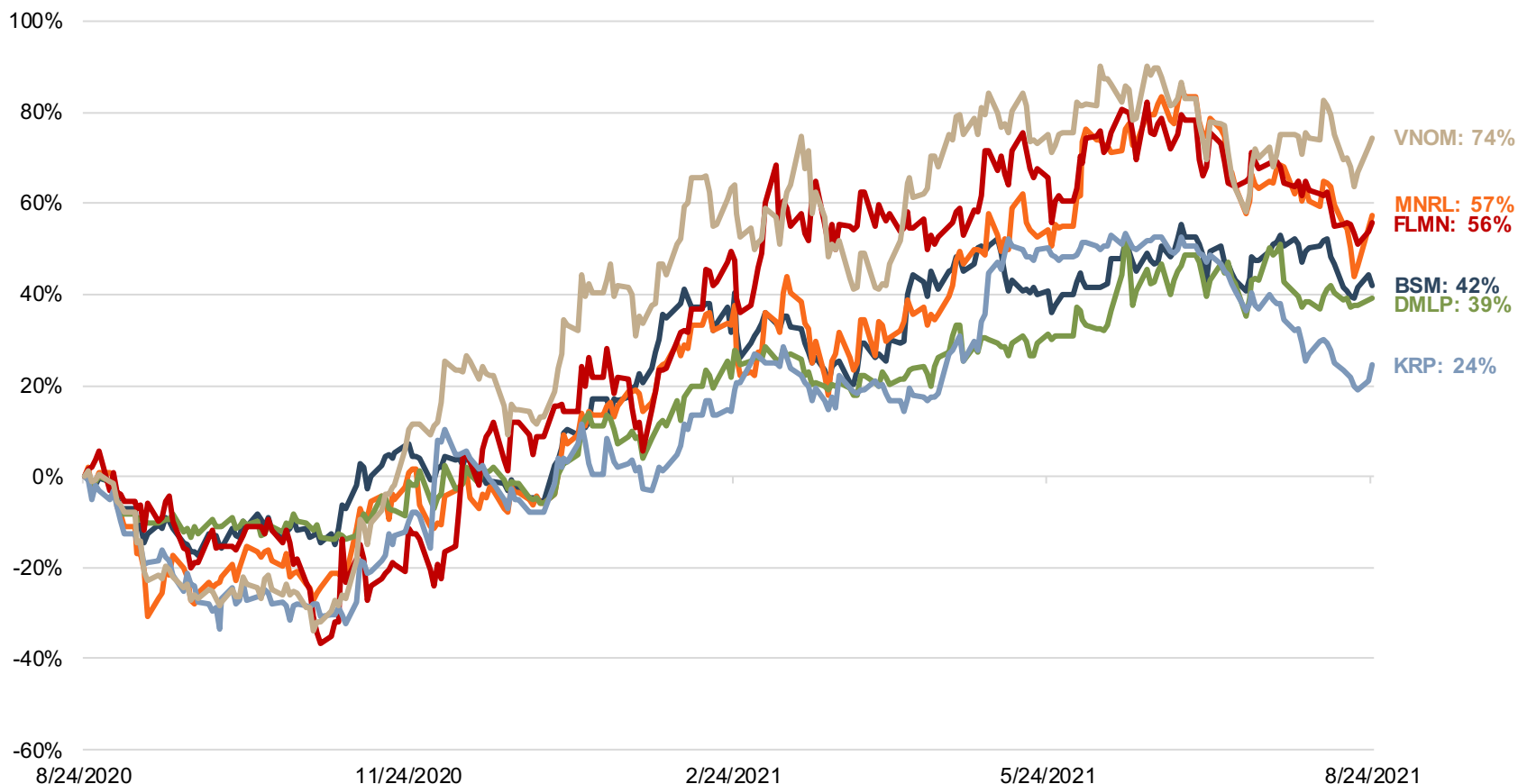
With Market Data as of August 24, 2021

Mineral Aggregator Overview



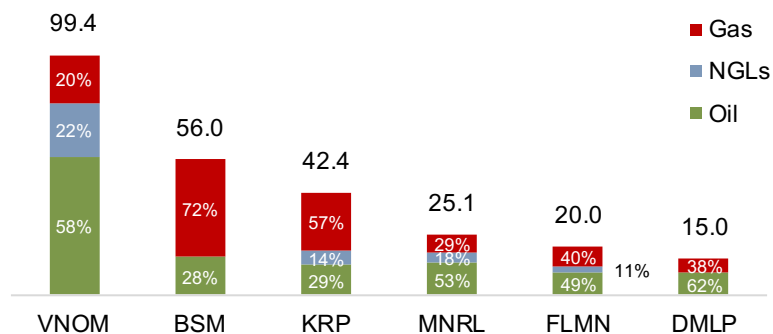
Ticker	BSM	MNRL	DMLP	FLMN	KRP	VNOM
Basin Focus	Diversified	Diversified	Diversified	Eagle Ford	Diversified	Permian
Equity Market Capitalization (\$mm)	\$2,094.8	\$1,044.3	\$572.1	\$390.1	\$645.8	\$2,777.8
Enterprise Value (\$mm)	\$2,488.1	\$1,080.9	\$564.2	\$423.6	\$850.8	\$3,277.3
LTM EBITDA (\$mm)	\$276.2	\$91.9	\$50.9	\$34.9	\$89.0	\$248.2
Current Production (mboe/d)	38.2	9.0	6.2	5.0	14.4	27.3
Proved Reserves (mmboe)	56.0	25.1	15.0	20.0	42.4	99.4

1-Year Stock Price Performance

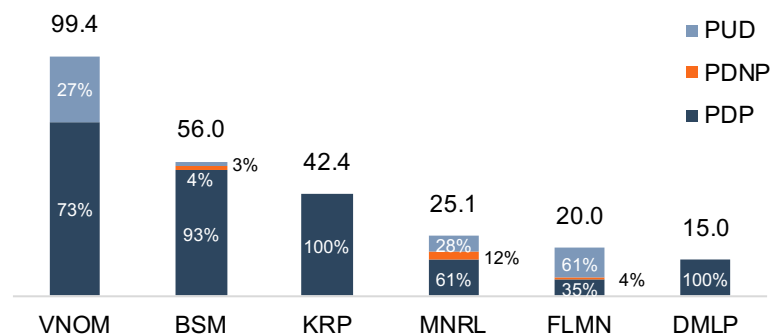


Reserve and Production Mix

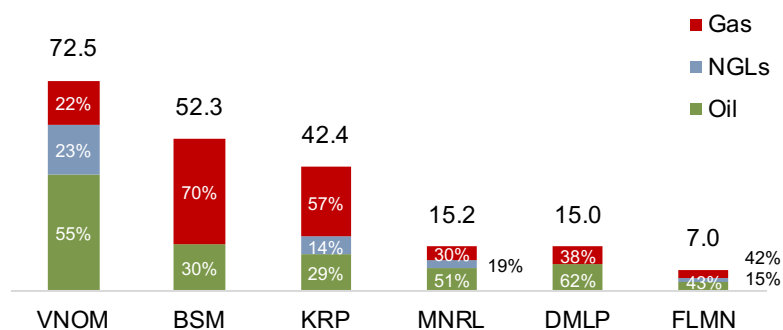
2020 Proved Reserves by Commodity (mmboe)



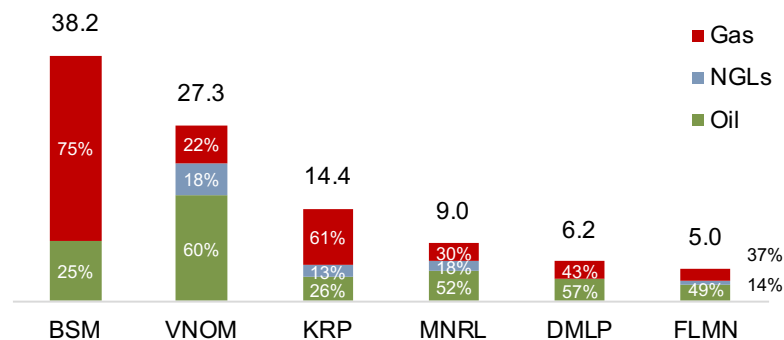
2020 Proved Reserves by Category (mmboe)



2020 PDP Reserves by Commodity (mmboe)



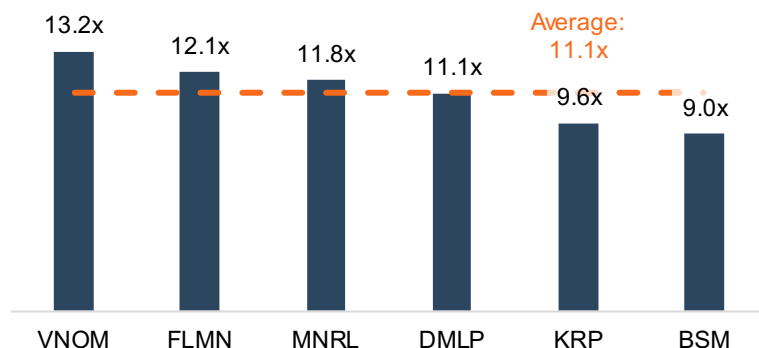
Current Production by Commodity (mboe/d)



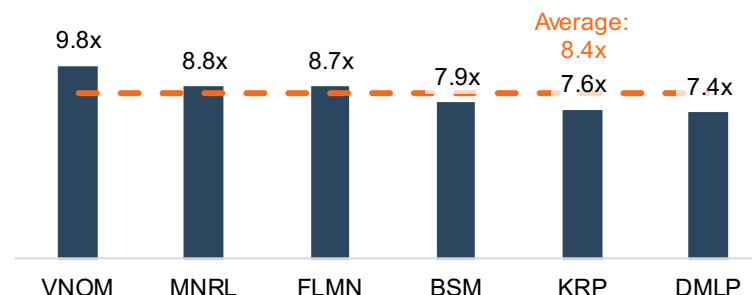
Valuation Multiples

EBITDA-Based Valuation Multiples

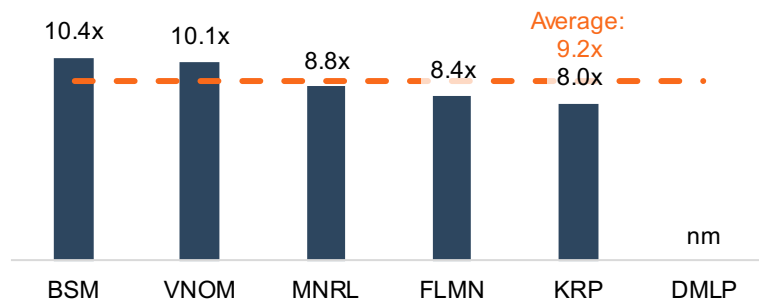
Enterprise Value / LTM EBITDA



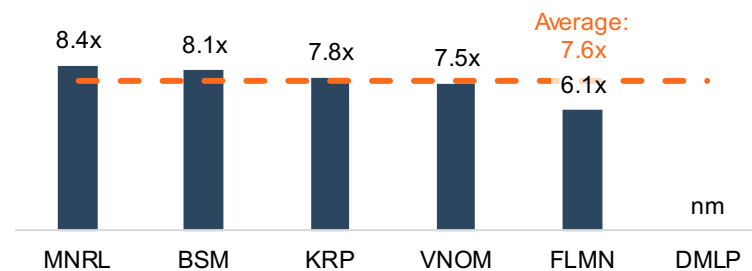
Enterprise Value / LQA EBITDA



Enterprise Value / 2021E EBITDA

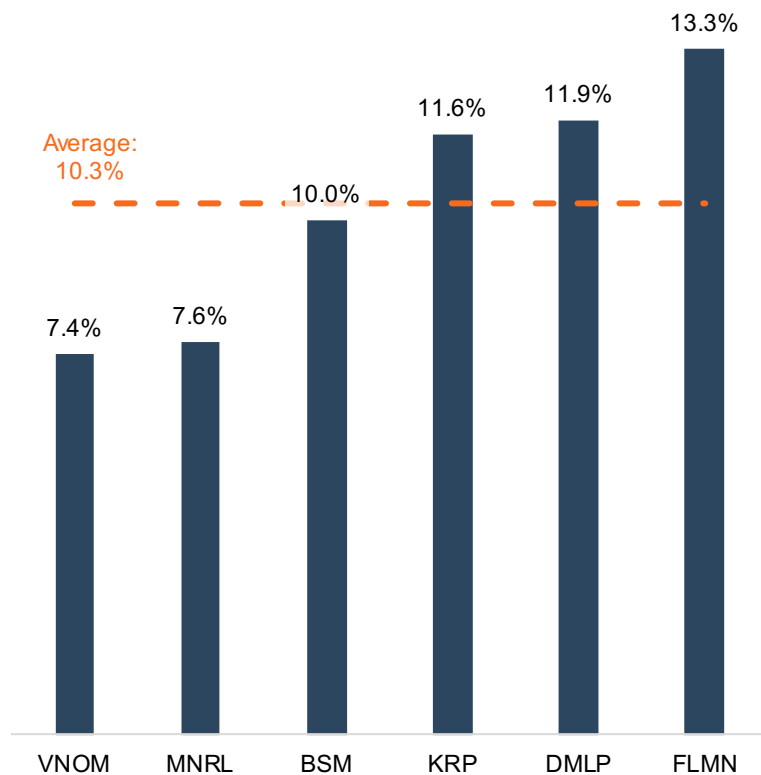


Enterprise Value / 2022E EBITDA

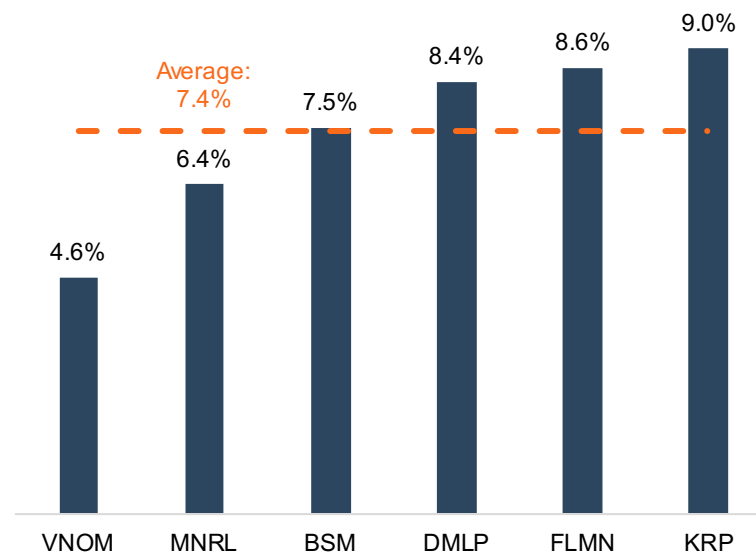


Dividend-Based Yields

Dividend Yield (Current Dividend)

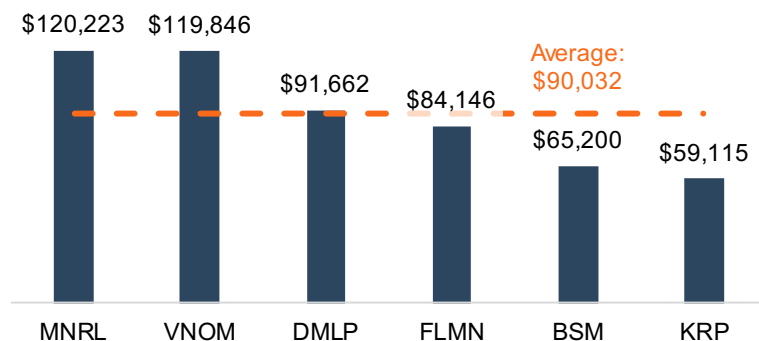


Dividend Yield (LTM Dividends)

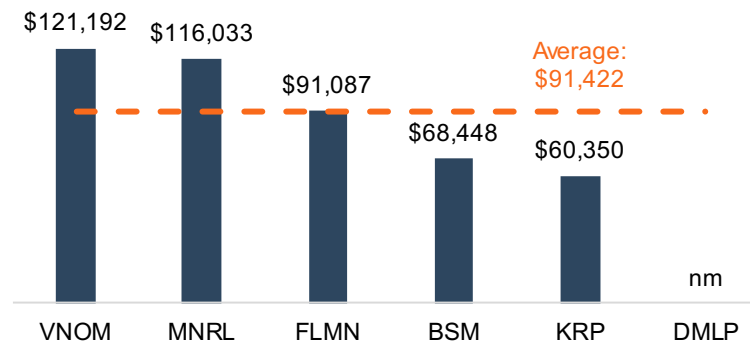


Production-Based Valuation Multiples

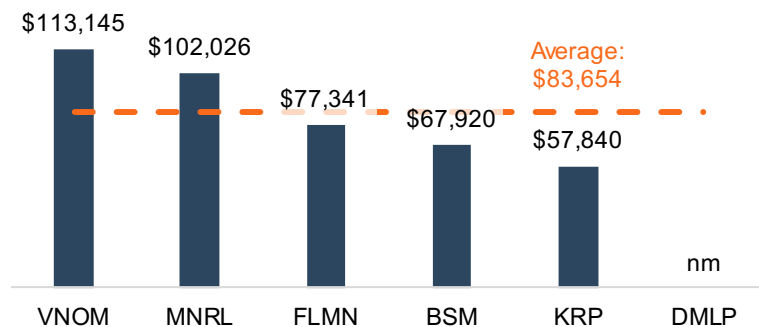
Enterprise Value / Current Production (\$/boe/d)



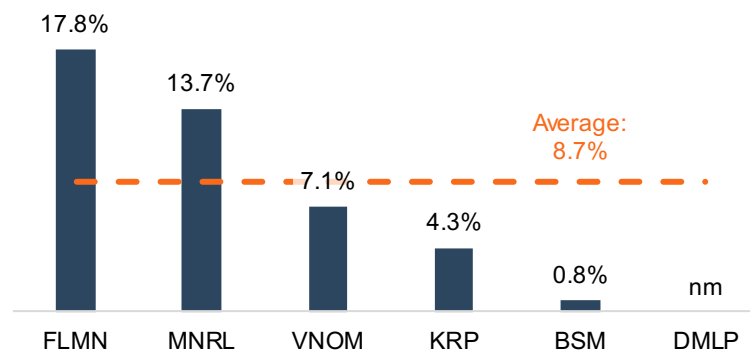
Enterprise Value / 2021E Production (\$/boe/d)



Enterprise Value / 2022E Production (\$/boe/d)

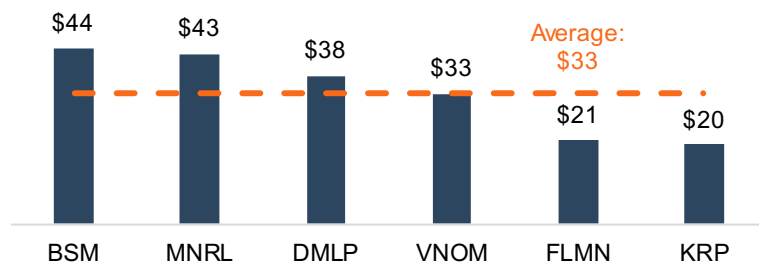


2021E - 22E Production Growth

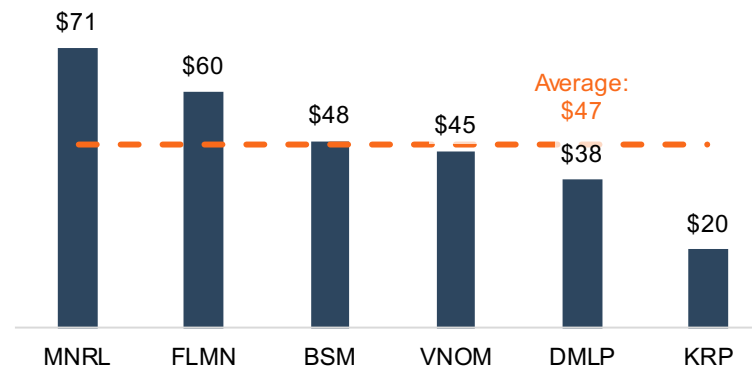


Reserve-Based Valuation Multiples

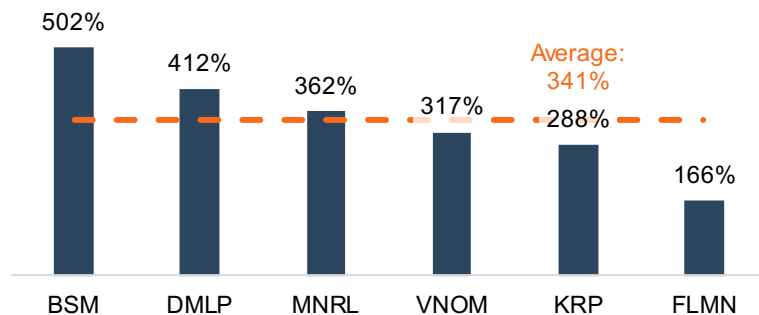
Enterprise Value / Proved Reserves (\$/boe)



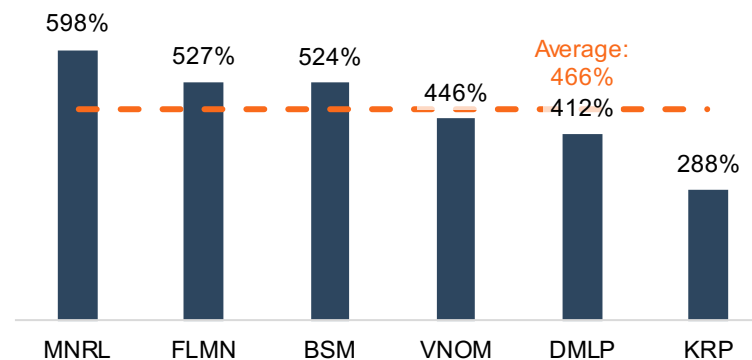
Enterprise Value / PDP Reserves (\$/boe)



Enterprise Value / Proved PV-10









Enterprise Value / PDP PV-10



Appendix

Mineral Aggregator Metrics and Multiples

\$ in mm, except per share values

	 BLACK STONE MINERALS	 BRIGHAM MINERALS	 Dorchester Minerals	 Falcon Minerals	 KIMBELL ROYALTY PARTNERS	 VIPER Energy Partners	Valuation Multiples						Notes		
							Average	Median							
Derivation of Enterprise Value															
Stock Price (8/24/2021)	\$10.04	\$18.39	\$16.16	\$4.52	\$10.67	\$17.92									
Shares Outstanding	208.6	56.8	35.4	86.3	60.5	155.0							(1)		
Equity Market Capitalization	2,094.8	1,044.3	572.1	390.1	645.8	2,777.8									
+ Preferred Stock	298.4	0.0	0.0	0.0	55.0	0.0							(2)		
+ Interest-Bearing Debt	96.0	43.0	0.0	36.5	162.9	541.9									
- Cash & Cash Equivalents	(1.0)	(6.4)	(20.5)	(3.0)	(13.0)	(42.4)									
+/- Other	0.0	0.0	12.6	0.0	0.0	0.0							(3)		
Enterprise Value	\$2,488.1	\$1,080.9	\$564.2	\$423.6	\$850.8	\$3,277.3									
EBITDA															
	Metric	Multiple	Metric	Multiple	Metric	Multiple	Metric	Multiple	Metric	Multiple	Metric	Multiple			
Last Twelve Months (LTM) EBITDA	\$276.2	9.0x	\$91.9	11.8x	\$50.9	11.1x	\$34.9	12.1x	\$89.0	9.6x	\$248.2	13.2x	11.1x	11.4x	(4)
Last Quarter Annualized (LQA) EBITDA	313.5	7.9	123.1	8.8	76.0	7.4	48.5	8.7	112.3	7.6	333.1	9.8	8.4	8.3	(4)
2021E EBITDA	240.3	10.4	122.3	8.8	na	nm	50.3	8.4	106.1	8.0	323.3	10.1	9.2	8.8	(5)
2022E EBITDA	305.6	8.1	128.7	8.4	na	nm	69.1	6.1	109.0	7.8	438.8	7.5	7.6	7.8	(5)
Dividend Yields															
Last Twelve Months (LTM) Dividends	\$0.75	7.5%	\$1.17	6.4%	\$1.35	8.4%	\$0.39	8.6%	\$0.96	9.0%	\$0.82	4.6%	7.4%	7.9%	
Current Dividend (Annualized)	1.00	10.0%	1.40	7.6%	1.92	11.9%	0.60	13.3%	1.24	11.6%	1.32	7.4%	10.3%	10.8%	
Production (mboe/d)															
Current Production	38.2	\$65,200	9.0	\$120,223	6.2	\$91,662	5.0	\$84,146	14.4	\$59,115	27.3	\$119,846	\$90,032	\$87,904	(6)
2021E Production	36.4	68,448	9.3	116,033	na	nm	4.7	91,087	14.1	60,350	27.0	121,192	91,422	91,087	(6)
2022E Production	36.6	67,920	10.6	102,026	na	nm	5.5	77,341	14.7	57,840	29.0	113,145	83,654	77,341	(6)
Reserves															
Proved Reserves (mmboe)	56.0	\$44.44	25.1	\$43.13	15.0	\$37.68	20.0	\$21.16	42.4	\$20.06	99.4	\$32.97	\$33.24	\$35.33	(7)
Proved Developed Producing Reserves (mmboe)	52.3	47.57	15.2	71.17	15.0	37.68	7.0	60.12	42.4	20.06	72.5	45.18	46.96	46.37	(7)
Proved PV-10	\$495.3	502%	\$298.8	362%	\$136.8	412%	\$255.5	166%	\$295.3	288%	\$1,034.5	317%	341%	339%	
Proved Developed Producing PV-10	475.1	524%	180.8	598%	136.8	412%	80.4	527%	295.3	288%	735.2	446%	466%	485%	

Notes

- (1) Includes non-traded shares.
- (2) BSM preferred stock included at carrying value. KRP preferred stock included at face value.
- (3) DMLP value reflects calculated value of General Partners interest, based on most recent quarterly distribution and current dividend yield. For Up-C entities, non-controlling interest is not included as the associated value is captured by the inclusion of the non-traded shares in the shares outstanding.
- (4) Based on non-GAAP adjusted EBITDA as calculated by management.
- (5) Wall Street Research consensus estimates per Capital IQ.
- (6) Multiple calculated on a dollar per flowing barrel equivalent basis (\$/boe/d).
- (7) Multiple calculated on a dollar per barrel equivalent basis (\$/boe).

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- Midstream
- Refining & Marketing

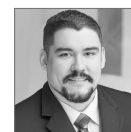
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