

MCDEP Income and Small Cap Weekly

Analysis of Oil & Gas Stocks August 9, 2013

Dorchester Minerals, L.P. (DMLP) More Bakken and Permian Oil Cash

Symbol	DMLP	Ebitda Next Twelve Months ending 6/30/14 (US\$mm)	68
Rating	Buy	North American Natural Gas/Ebitda (%)	35
Price (US\$/sh)	24.29	Natural Gas and Oil Production/Ebitda (%)	100
Pricing Date	8/8/13	Adjusted Reserves/Production NTM	7.3
Units (mm)	30.68	EV/Ebitda	10.9
Market Capitalization (US\$mm)	745	PV/Ebitda	11.6
Debt (US\$mm)	0	Undeveloped Reserves (%)	0
Enterprise Value (EV) (US\$mm)	745	Natural Gas and Oil Ebitda (US\$/mcfe)	5.80
Present Value (PV) (US\$mm)	798	Present Value Proven Reserves(US\$/boe)	55.90
Net Present Value (US\$/unit)	26	Oil and Gas Ebitda Margin (%)	82%
Debt/Present Value	0.00	Earnings Next Twelve Months (US\$/un)	1.39
McDep Ratio - EV/PV	0.93	Price/Earnings Next Twelve Months	18
Distribution Yield (%/year)	7.5	Distribution Next Twelve Months (US\$/sh)	1.82
Note: Estimated cash flow and e	arnings tied to one	-year futures prices for oil and natural gas.	
Reported results may vary	widely from estir	nates. Estimated present value per share revised only infred	quently.
Estimated present value pr	resumes a long-ter	rm price for oil of US\$90 a barrel and natural gas, \$6 a mill	ion btu.
For historical analysis of	DMLP since 2000	see www.mcdep.com/4dhulz.htm	

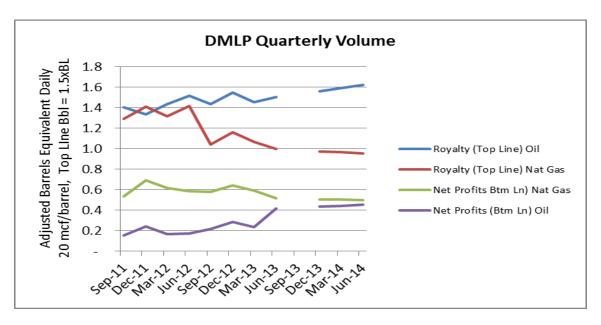
Summary and Recommendation

We raise our estimate of twelve months distribution to 7.5% from 6.5% for buy-recommended **Dorchester Minerals (DMLP)** on the basis of higher oil volume from the North Dakota Bakken and the West Texas Permian shale and tight oil plays. Disclosed in the 10-Q regulatory filing on August 7, Bottom Line, or Net Profits, oil production was 80% higher in the second quarter compared to the first quarter of 2013 (see chart Quarterly Volume on page 2). In North Dakota, the partnership is entitled to Top Line (Royalty) cash as soon as production begins, but is entitled to additional Bottom Line cash only after the operator has received reimbursement of 150% of the well cost. As a result there is a backlog of 275 of 289 wells completed on partnership lands that are not yet producing long enough to pay bottom line cash to DMLP. To accelerate some payment from years of future drilling, DMLP has engaged an investment banker to pursue an alternative transaction. Next, the partnership's potential may be greater in the Permian where the fracking boom is in an earlier stage and where the partnership has more mineral lands than in the Bakken. Meanwhile, we refine our estimate of Net Present Value (NPV) of \$26 a share to document value concentration of 75% on Top Line and 25% on Bottom Line (see table Present Value on page 2). To help with that, we make some estimates to display cash flow (Ebitda) on a basis that makes the Bottom Line portion comparable to the accounting for operating companies (see table Operating and Financial Estimates on page 3). In any case, we like DMLP stock along with others in our income and small cap coverage (see Tables ISC-1 through ISC-4 on pages 4-7).

Kurt H. Wulff, CFA



MCDEP Income and Small Cap Weekly Analysis of Oil & Gas Stocks



Dorches	ter Minerals	s, L.P.			
Functional Casl	n Flow and I	Present Val	ue		
				Present	
Ι	NTM Ebitda	Adjusted	PV/	Value	
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	(US\$mm)	
Top Line - Royalty Interests					
North American Natural Gas	14	7.3	21.4	300	
Oil	34	7.1	8.9	300	
Bottom Line - Net Profits Interests					
North American Natural Gas	9	7.3	13.8	130	
Oil	11	7.1	6.1	70	
Total Top and Bottom					
North American Natural Gas	24	7.3	17.9	430	54%
Oil	44	7.1	8.4	370	46%
	68	7.3	11.8	800	100%
Debt (US\$mm)					-
Net Present Value (US\$mm)					800
Shares (mm)					31
Net Present Value - Standard Estimate (US\$/sh)					26
NPV Approximation by Cash Flow Multiple Dep	ending on Re	serve Life (US\$/sh)		26
(NPV Approximation by 1.5 times Cash Flow M	ultiple for To	p Line)			



MCDEP Income and Small Cap Weekly Analysis of Oil & Gas Stocks

					erals, L.P.					
		Ор	erating an	d Financi	al Perfor	mance				3.7 /
										Next
	02	¥7	0.1	02	025	0.45	T 7	015	025	Twelve
	Q2	Year	Q1	Q2	Q3E	Q4E	Year	QIE	Q2E	Months
T7 1	6/30/12	2012	3/31/13	6/30/13	9/30/13	12/31/13	2013E	3/31/14	6/30/14	6/30/14
Volume	10.0	16.4	140	12.2	12.1	12.0	12.4	12.0	10.7	12.4
Nat Gas (mmcfd) - Top Line		16.4	14.2	13.3	13.1	13.0	13.4	12.9	12.7	13.4
Nat Gas (mmcfd) - Btm Line		12.1	11.9	10.3	10.2	10.1	10.6	10.0	9.9	10.6
Oil (mbd) - Top Line	1.01	0.99	0.97	1.00	1.02	1.04	1.01	1.06	1.08	1.01
Oil (mbd) - Bottom Line	0.18	0.21	0.23	0.42	0.43	0.43	0.38	0.44	0.45	0.38
Total (bcfe)	3.4	13.1	3.0	2.9	2.9	2.9	11.8	2.9	2.9	11.8
Total (mmcfd)	38	36	33	32	32	32	32	32	32	32
Price		4 = 0	221	4.40	2.50	2.50	0.11		2.50	2.1
Henry Hub (\$/mmbtu)	2.21	2.79	3.34	4.10	3.50	3.50	3.61	3.74	3.70	3.61
Top Line (\$/mcf)	2.10	2.82	3.10	3.84	3.28	3.28	3.37	3.51	3.47	3.38
Bottom Line (\$/mcf)	2.16	3.33	3.35	3.95	3.38	3.37	3.51	3.61	3.56	3.48
WTI Cushing (\$/bbl)	93.32	94.16	94.41	94.22	105.92	104.42	99.74	100.33	97.31	102.00
Top Line (\$/bbl)	87.69	89.21	87.72	93.84	105.49	104.00	98.01	99.93	96.91	100.22
Bottom Line (\$/bbl)	80.88	87.67	88.89	90.71	101.97	100.53	96.47	96.59	93.68	98.65
Total (\$/mcfe)	4.45	5.41	5.69	6.96	7.14	7.15	6.73	7.29	7.19	7.11
Revenue (\$mm)										
Natural Gas - Top Line	3.6	16.9	4.0	4.6	4.0	3.9	16.5	4.2	4.1	16.2
Oil - Top Line	8.1	32.3	7.6	8.5	9.9	10.0	36.0	9.5	9.5	38.9
Total - Top Line	11.7	49.2	11.6	13.2	13.9	13.9	52.5	13.7	13.7	55.2
Natural Gas - Bottom Line	2.3	14.7	3.6	3.7	3.2	3.1	13.6	3.4	3.3	13.0
Oil - Bottom Line	1.3	6.8	1.9	3.4	4.0	4.0	13.3	3.9	3.9	15.7
Total - Bottom Line	3.6	21.5	5.4	7.2	7.2	7.2	26.9	7.2	7.2	28.7
Total	15.3	70.7	17.0	20.3	21.0	21.0	79.4	21.0	20.9	83.9
Expense										
BL Production (estimated)	0.5	2.4	0.6	0.9	1.0	1.0	3.5	1.0	1.0	3.9
Tax (other than income)	1.2	4.8	1.3	1.2	1.5	1.5	5.4	1.5	1.5	5.9
General and Administrative	0.9	3.8	0.9	1.0	1.0	1.0	3.9	1.0	1.0	4.0
General Partner	0.3	1.3	0.3	0.4	0.4	0.4	1.5	0.4	0.4	1.6
Total	3.0	12.4	3.1	3.5	3.8	3.9	14.3	3.8	3.9	15.4
Ebitda										
Top Line	9.8	42.3	9.9	11.5	12.0	12.0	45.4	11.9	11.8	47.6
Bottom Line	2.5	16.1	4.0	5.3	5.2	5.2	19.8	5.3	5.2	20.9
Total Ebitda	12.3	58.4	13.9	16.9	17.2	17.2	65.2	17.1	17.0	68.5
Deprec., Deplet., & Amort.	4.5	16.6	3.4	3.3	4.1	4.1	14.9	4.0	4.1	16.3
BL Capital (estimated)	2.9	11.4	3.3	2.2	2.7	2.7	10.9	2.7	2.7	10.8
Lease Bonus and Other	(3.3)	(6.5)	(0.1)	(0.3)	(0.3)	(0.3)	(1.0)	(0.3)	(0.3)	(1.1)
Ebit	8.3	36.8	7.4	11.7	10.6	10.6	40.3	10.7	10.5	42.5
Ebt	8.3	36.8	7.4	11.7	10.6	10.6	40.3	10.7	10.5	42.5
Net Income (\$mm)	8.3	36.8	7.4	11.7	10.6	10.6	40.3	10.7	10.5	42.5
Units (millions)	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
Net Income Per Unit (\$)	0.27	1.20	0.24	0.38	0.35	0.35	1.31	0.35	0.34	1.39
Ebitda Margin - Top Line	84%	82%	86%	88%	86%	86%	86%	86%	86%	86%
Ebitda Margin - Bottom Lin	69%	75%	74%	74%	73%	73%	73%	73%	72%	73%
Distribution - Cash Account										
Top Line Revenue	11.4	47.2	10.8	11.6						
Bottom Line Net Revenue	1.1	9.1	4.9	2.0						
Lease Bonus	3.2	5.5	0.1	0.1						
Cash Expense	(1.7)	(7.4)	(2.0)							
Distribution	14.0	54.4	13.7	12.1	14.0	14.0	53.9	14.0	13.9	55.9
Distribution Per Unit (\$)	0.46	1.77	0.45	0.40	0.46	0.46	1.76	0.46	0.45	1.82



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			Ta	ble ISC-	1						
McDe	p Inc	om	e and S	Small C	Cap Energ	gy Po	rtfol	lio			
Debt, Seg	ments	s, (Cash Fl	ow, Inc	come and	l Mcl	Dep 1	Ratio			
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C	h al/Dasi		Price	EV/	Futamaia.	PVC	0/1	EV/	Dist.	Dias	
Sym			(US\$/sh)		Enterprise		<u>%0)</u>			Dist.	M.D.
CP	B = I		8-Aug 2013	Market	Value	Nat Gas	Oil	Ebitda	NTM	Yield (%)	McDe
СВ	(see belo	JW)	2013	Сар	(\$mm)	Gas	Oii	NTM	(\$/un)	(70)	Rati
Small Cap Independent Producers											
PDC Energy	PDCE		53.05	1.48	2,430	32	68	11.9	-	-	1.1
Range Resources	RRC	В	79.93	1.27	16,360	74	26	14.8	0.16	0.2	0.9
Continental Resources (32%)	CLR	В	95.50	1.24	6,980	18	82	6.6	-	-	0.89
Halcón Resources	HK		5.23	2.35	5,420	8	92	6.3	-	-	0.87
Denbury Resources Inc.	DNR		17.33	1.53	9,860	5	95	5.8	-	-	0.82
Berry Petroleum Company	BRY		41.41	1.80	4,120	14	86	6.0	0.32	0.8	0.82
Peyto Exploration and Development Cor	PEYUF		26.68	1.20	4,760	80	20	9.4	0.81	3.0	0.8
Cimarex Energy Company	XEC	В	79.78	1.20	8,300	43	57	5.5	0.56	0.7	0.70
Whiting Petroleum Corporation	WLL	В	51.05	1.37	8,340	8	92	4.0	-	-	0.74
Birchcliff Energy Ltd.	BIREF	CB	7.05	1.47	1,700	72	28	8.5	-	-	0.68
Total or Median				1.42	68,300	25	75	6.5			0.82
Leveraged Cash Payers											
Vanguard Natural Resources, LLC	VNR		27.35	1.50	3,070	41	59	10.1	2.46	9.0	1.00
Legacy Reserves L.P.	LGCY		27.12	1.65	2,560	24	76	9.6	2.32	8.6	1.05
Linn Energy, LLC	LINE		25.30	2.05	12,110	47	53	10.7	2.90	11.5	0.99
Enerplus Corporation	ERF		16.46	1.55	5,000	35	65	6.5	1.04	6.3	0.94
Total or Median				1.60	22,700	38	62	9.8		8.8	1.02
RTF Cash Payers											
Freehold Royalties Ltd.	FRHLF		22.85	TL	1,590	16	84	11.8	1.62	7.1	1.08
Dorchester Minerals, L.P.	DMLP		24.29	TL	750	54	46	10.9	1.82	7.5	0.93
Enduro Royalty Trust (40%)	NDRO	,	15.20	BL	200	48	52	9.0	1.51	10.0	0.90
Sabine Royalty Trust	SBR		53.34	TL	780	52	48	12.1	4.39	8.2	0.83
San Juan Basin Royalty Trust	SJT	В	16.26	BL	760	100	-	12.3	0.78	4.8	0.7
Permian Basin RT	PBT	<u> </u>	13.33	TL	620	19	81	7.3	1.19	8.9	0.74
Mesa RoyaltyTrust	MTR		21.53	BL	40	75	25	8.8	1.99	9.3	0.72
Hugoton RoyaltyTrust	HGT		8.28	BL	330	90	10	8.4	0.86	10.4	0.69
Cross Timbers Royalty Trust	CRT		27.78	TL	170	83	17	10.0	2.54	9.1	0.66
Total or Median			27.7.0		5,200	54	46	10.0		8.9	0.7
CB=Contrarian Buy, Stock Price apparer	tly in do	wnt	rend comp	ared to 20	00-day averag	e.					
McDep Ratio = \mathbf{M} arket \mathbf{c} ap and \mathbf{De} bt to \mathbf{j}											
Present Value (PV) presumes long-term							natura	al gas.			
Dist. = Income distribution. NTM = Nex									Cap and I	Debt.	
TL = Top Line income sources, BL = Bo						Ī			_		



MCDEP Income and Small Cap Weekly Analysis of Oil & Gas Stocks

	,	Table	ISC-2					
McDep Inco	me and	l Sm	all Car	Energ	v Portí	folio		
	esent V				,,,			
TICL I I	CSCIIL V	aiuc	allu IV	тевер.	IXALIO			
			Price			Net		
			(\$/sh)		Market	Present	Debt/	
	Symbol/		8-Aug	Shares	Сар	Value	Present	McDep
	-	ting	2013	(mm)	(\$mm)	(\$/un)	Value	Ratio
Small Cap Independent Producers								
PDC Energy	PDCE		53.05	31.0	1,640	45.00	0.36	1.11
Range Resources	RRC	В	79.93	161.0	12,870	90.00	0.19	0.91
Continental Resources (32%)	CLR	В	95.50	59.2	5,650	110.00	0.17	0.89
Halcón Resources	HK		5.23	441.0	2,310	7.00	0.50	0.87
Denbury Resources Inc.	DNR		17.33	372.0	6,450	23.00	0.28	0.82
Berry Petroleum Company	BRY		41.41	55.3	2,290	58.00	0.36	0.82
Peyto Exploration and Development Corp.	PEYUF		26.68	149.0	3,980	34.00	0.13	0.81
Cimarex Energy Company	XEC	В	79.78	86.5	6,900	110.00	0.13	0.76
Whiting Petroleum Corporation	WLL	В	51.05	119.0	6,070	75.00	0.20	0.74
Birchcliff Energy Ltd.	BIREF	CB	7.05	164.0	1,160	12.00	0.22	0.68
Total or Median					49,320		0.21	0.82
Leveraged Cash Payers								
Vanguard Natural Resources, LLC	VNR		27.35	75.0	2,050	25.00	0.35	1.06
Legacy Reserves L.P.	LGCY		27.12	57.3	1,550	25.00	0.33	1.05
Linn Energy, LLC	LINE		25.30	233.0	5,900	26.00	0.41	0.99
	ERF		16.46	196.0	3,230	18.00	0.31	0.99
Enerplus Corporation Total or Median	EKF		10.40	190.0	12,730	18.00	0.38	1.02
Total of Median					12,730		0.56	1.02
RTF Cash Payers								
Freehold Royalties Ltd.	FRHLF		22.85	66.5	1,520	21.00	0.05	1.08
Dorchester Minerals, L.P.	DMLP	В	24.29	30.7	750	26.00	-	0.93
Enduro Royalty Trust (40%)	NDRO		15.20	13.2	200	17.00	-	0.90
Sabine Royalty Trust	SBR		53.34	14.6	780	64.00	-	0.83
San Juan Basin Royalty Trust	SJT	В	16.26	46.6	760	21.00	-	0.77
Permian Basin RT	PBT		13.33	46.6	620	18.00	-	0.74
Mesa RoyaltyTrust	MTR		21.53	1.9	40	30.00	-	0.72
Hugoton RoyaltyTrust	HGT		8.28	40.0	330	12.00	-	0.69
Cross Timbers Royalty Trust	CRT		27.78	6.0	170	42.00	-	0.66
Total or Median				0.0	5,170	12.00		0.77
			_		•••			
B=Buy; CB=Contrarian Buy, Stock Price a						verage.		
McDep Ratio = M arket c ap and De bt to p r Present Value presumes long-term prices								



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			le ISC-3					
McDep Inco				_				
Value	Multip	les -	Rank	by EV/	Ebitda			
			D .			A 1° . 1		
			Price	Revenue	Dist/	Adjstd Resrvs/	PV/	EV
	Countral/					Prod	Ebitda	Ebitde
	Symbol/	ting	8-Aug 2013	Royalty (%)	Equity Ebitda	NTM	NTM	NTN
	Kai	ung	2013	(70)	Eonaa	1 1 1 1 1 1	11111	1 1 1 1
Small Cap Independent Producers								
Range Resources	RRC	В	79.93		-	13.6	16.3	14.8
PDC Energy	PDCE	-	53.05		_	16.2	10.7	11.9
Peyto Exploration and Development Corp			26.68		0.28	9.3	11.5	9.4
Birchcliff Energy Ltd.	BIREF	СВ	7.05		_	18.8	12.6	8.5
Continental Resources (32%)	CLR	В	95.50		-	9.8	7.4	6.6
Halcón Resources	HK		5.23		-	4.8	7.2	6.3
Berry Petroleum Company	BRY		41.41		-	12.1	7.4	6.0
Denbury Resources Inc.	DNR		17.33		-	13.5	7.1	5.8
Cimarex Energy Company	XEC	В	79.78		-	7.6	7.2	5.5
Whiting Petroleum Corporation	WLL	В	51.05		-	8.7	5.4	4.0
Median						10.9	7.4	6.5
Leveraged Cash Payers								
Linn Energy, LLC	LINE		25.30		1.21	14.0	10.8	10.7
Vanguard Natural Resources, LLC	VNR		27.35		0.94	9.9	9.5	10.1
Legacy Reserves L.P.	LGCY		27.12		0.84	11.1	9.1	9.6
Enerplus Corporation	ERF		16.46		0.40	6.5	6.9	6.5
Median						10.5	9.3	9.8
RTF Cash Payers								
San Juan Basin Royalty Trust	SJT	В	16.26		0.59	10.2	15.9	12.3
Sabine Royalty Trust	SBR		53.34	100	1.00	9.0	14.6	12.1
Freehold Royalties Ltd.	FRHLF		22.85	86	0.84	4.7	10.9	11.8
Dorchester Minerals, L.P.	DMLP	В	24.29	75	0.82	7.3	11.6	10.9
Cross Timbers Royalty Trust	CRT		27.78	98	0.91	12.7	15.1	10.0
Enduro Royalty Trust (40%)	NDRO		15.20		0.90	5.8	10.1	9.0
Mesa RoyaltyTrust	MTR		21.53		0.82	5.2	12.3	8.8
Hugoton RoyaltyTrust	HGT		8.28		0.88	13.0	12.2	8.4
Permian Basin RT	PBT		13.33	69	0.65	12.7	9.8	7.3
Median						9.0	12.2	10.0
B=Buy; CB=Contrarian Buy, Stock Price	apparentl	v in d	owntrend	compared	to 200-da	v average		
EV = Enterprise Value = Market Cap and							n	
and amortization; NTM = Next Twelve M								
Earnings; PV = Present Value of oil and g				, _ /				
Top Line Cash Payers defined as those ha				ee fifth co	lumn from	right)		



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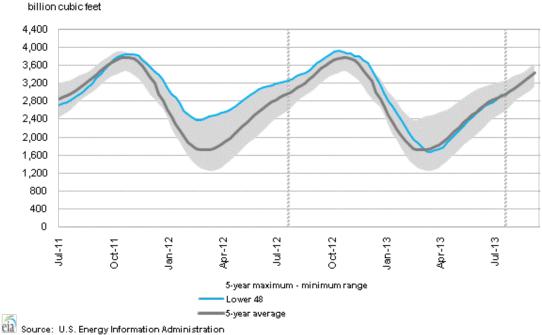
			Table I	SC-4					
McDep	Incom	e an	d Sma	II Cap 1	Energy	Portfoli	io		
•				_		omentur			
			Price	Equity					
			(\$/sh)	Total		Enterpris	e Value/		
	Symbol/		8-Aug	Return	52Wk	52Wk		200 Day	McDep
	•	ting	2013	YTD (%)	High	Low	Avg.	Avg.	Ratio
Small Cap Independent Producers									
	XEC	В	79.78	39	0.98	1.33	1.09	1.15	0.76
	PDCE	ь	53.05	60	0.94	1.55	0.99	1.13	1.11
	CLR	В	95.50	30	0.94	1.33	1.06	1.13	0.89
	RRC	В	79.93	27	0.95	1.23	1.00	1.07	0.89
	WLL	В	51.05	18	0.95	1.18	1.04	1.06	0.74
Peyto Exploration and Development C		Б	26.68	17	0.86	1.10	0.93	1.00	0.74
• •	BRY		41.41	24	0.91	1.18	0.99	1.01	0.82
	DNR		17.33	7	0.92	1.13	0.98	1.00	0.82
Birchcliff Energy Ltd.	BIREF	СВ	7.05	(7)	0.85	1.06	0.91	0.93	0.68
	HK	CD	5.23	(24)	0.79	1.24	0.97	0.90	0.87
Median			0.20	21	0.93	1.24	0.99	1.04	0.82
Leveraged Cash Payers					0.70	1,2,	0.,,,	1107	0.02
	ERF		16.46	33	0.96	1.24	1.04	1.09	0.94
	LGCY		27.12	21	0.94	1.12	1.01	1.02	1.05
	VNR		27.35	10	0.93	1.08	1.00	0.99	1.06
	LINE		25.30	(24)	0.75	1.11	0.92	0.83	0.99
Median				16	0.94	1.11	1.00	1.00	1.02
RTF Cash Payers									
	SBR		53.34	40	0.95	1.37	1.03	1.10	0.83
	SJT	В	16.26	24	0.91	1.32	1.02	1.08	0.77
	DMLP	В	24.29	26	0.95	1.22	0.99	1.05	0.93
Freehold Royalties Ltd.	FRHLF		22.85	7	0.94	1.18	0.99	1.01	1.08
Permian Basin RT	PBT		13.33	12	0.69	1.11	1.00	1.01	0.74
Cross Timbers Royalty Trust	CRT		27.78	7	0.70	1.18	1.01	1.00	0.66
Hugoton RoyaltyTrust	HGT		8.28	20	0.83	1.45	0.94	0.99	0.69
	MTR		21.53	16	0.75	1.14	0.97	0.93	0.72
	NDRO		15.20	(5)	0.77	1.04	0.98	0.92	0.90
Median				16	0.83	1.18	0.99	1.01	0.77



CDEP Income and Small Cap Weekly

Analysis of Oil & Gas Stocks August 9, 2013

Working gas in underground storage compared with the 5-year maximum and minimum



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