

MCDEP Income and Small Cap Weekly

Analysis of Oil & Gas Stocks April 6, 2012

Enduring Energy in Bottom Line Royalty Trusts

Summary and Recommendation

Buy-recommended San Juan Basin Royalty Trust (SJT) has a long record of rewarding investors willing to be patient with natural gas when the clean fuel is under pricing pressure as it is today. Seasonal pressure on natural gas price has never been greater than in the aftermath of the past winter, which was warmer than any in the 31-year history of the trust. The debt-free trust can withstand financial pressures and its long-life wells keep producing cash during periods of low selling price. As a result, when conditions improve again, as they usually do, investors in SJT are likely to profit. At current futures prices for oil and natural gas, four royalty trusts in our Bottom Line Cash Payer group offer estimated distribution yields for the next twelve months (NTM) at 4.2% for SJT, 5.4% for **Hugoton Royalty Trust (HGT)**, 8.5% for **Enduro Royalty** Trust (NDRO) and 8.6% for Mesa Royalty Trust (MTR) (see <u>Table ISC-1</u> on page 2). McDep Ratios at 0.83 for HGT, 0.91 for SJT, 0.99 for MTR and 1.02 for NDRO indicate stock prices less than or near Net Present Value (NPV) (see <u>Table ISC-2</u> on page 3). High cash flow multiple (EV/Ebitda) for SJT and HGT reflect high concentration on natural gas, which generates less cash flow at current low price, as well as a higher portion of cash flow free to be distributed (see Table ISC-3 on page 4). The three older trusts are out of favor by the momentum measure indicating stock price below the 200-day average (see Table ISC-4 on page 5). New NPV for MTR at \$40 a unit, reduced from \$48, appears more in line with reported reserves and estimated cash flow (see tables for each trust including summary valuation, Functional Cash Flow and Present Value and NTM Operating and Financial Estimates on pages 6 to 12). Finally, there may be upside in our estimate for NDRO as the new trust records more months of regular distributions.

Kurt H. Wulff, CFA



Small Cap Independent Producers					Table IS							
Symbol/Rating (USS/sh)	McI	Dep In	ıco	me and	Small	Cap Ene	ergy I	Porti	olio			
Symbol/Rating (USS/sh) EV Enterprise PV% Elida Nat Ebitad Nat Ebitad Nat Ebitad Nat (S/m) (%) Record Rec	Debt, S	egmei	nts	, Cash l	Flow, I	ncome a	nd M	cDe	p Rati	0		
Symbol/Rating (US\$/sh) EV Enterprise PV% Ev Dist. Dist. Dist. CB See below S-Apr Market Value Nat Ebitda NTM Yield Mc CB See below 2012 Cap (\$mm) Gas Oil NTM (\$Van) (%) R R R R R R R R R	· ·											
Symbol/Rating (US\$/sh) EV Enterprise PV% Ev Dist. Dist. Dist. CB GB GB GB GB GB GB GB				D :								
B = Buy S-Apr Cap Cap (\$mm) Gas Oil NTM (\$\sum{blank} Nat Mode of the composition	Carre	shal/Dat	ina		EU/	Entounuigo	DU	0/)	EV/	Diat	Dist	
CB (see below) 2012 Cap	Sym					-		70)				M-D-
Small Cap Independent Producers	CD							Oil				
PETD	СВ	(see ber	Jw)	2012	Сар	(\$mm)	Gas	Oii	101101	(\$/un)	(70)	Rati
Range Resources RRC CB 57.65 1.27 11,720 71 29 13.1 0.16 0.3 0.5	Small Cap Independent Producer	rs										
Berry Petroleum Company BRY 46.04 1.59 4,030 15 85 5.5 0.32 0.7 0.7	PDC Energy	PETD		34.44	1.60	1,290	54	46	7.1	-	-	0.91
Denbury Resources Inc. DNR 18.49 1.38 10,040 6 94 5.7 - - 0 0	Range Resources	RRC	CB	57.65	1.27	11,720	71	29	13.1	0.16	0.3	0.86
Peyto Exploration and Developmen PEYUF 15.92 1.22 2,610 75 25 8.4 0.72 4.5 C Cimarex Energy Company XEC B 71.14 1.15 7,040 40 60 5.4 0.36 0.5 C Whiting Petroleum Corporation WLL B 52.92 1.30 8,160 8 92 4.5 - - C C Enerplus Corporation Bireful Biref	Berry Petroleum Company	BRY		46.04	1.59	4,030	15	85	5.5	0.32	0.7	0.75
Cimarex Energy Company XEC B 71.14 1.15 7,040 40 60 5.4 0.36 0.5 0.5 Whiting Petroleum Corporation WLL B 52.92 1.30 8,160 8 92 4.5 - - 0 Birchcliff Energy Ltd. BIREF CB 6.78 1.37 1,370 60 40 8.5 - - 0 Top Line Cash Payers Permian Basin RT PBT 22.62 1.00 1,050 37 63 1.49 6.6 1 Dorchester Minerals, L.P. DMLP B 25.71 1.00 790 57 43 2.07 8.0 0 Sabine Royalty Trust CRT 39.89 1.00 240 70 30 2.66 6.7 0 Freehold Royalties Ltd. FRHLF 18.68 1.04 1,260 16 84 1.68 9.0 0 6.7 0 Bottom Line Cash Payers </td <td>Denbury Resources Inc.</td> <td>DNR</td> <td></td> <td>18.49</td> <td>1.38</td> <td>10,040</td> <td>6</td> <td></td> <td>5.7</td> <td>-</td> <td>-</td> <td>0.73</td>	Denbury Resources Inc.	DNR		18.49	1.38	10,040	6		5.7	-	-	0.73
Cimarex Energy Company XEC B 71.14 1.15 7,040 40 60 5.4 0.36 0.5 0.5 Whiting Petroleum Corporation WLL B 52.92 1.30 8,160 8 92 4.5 - - 0 Birchcliff Energy Ltd. BIREF CB 6.78 1.37 1,370 60 40 8.5 - - 0 Top Line Cash Payers Permian Basin RT PBT 22.62 1.00 1,050 37 63 1.49 6.6 1 Dorchester Minerals, L.P. DMLP B 25.71 1.00 790 57 43 2.07 8.0 0 Sabine Royalty Trust CRT 39.89 1.00 240 70 30 2.66 6.7 0 Freehold Royalties Ltd. FRHLF 18.68 1.04 1,260 16 84 1.68 9.0 0 6.7 0 Bottom Line Cash Payers </td <td></td> <td>PEYUF</td> <td>7</td> <td></td> <td>1.22</td> <td></td> <td>75</td> <td>25</td> <td>8.4</td> <td>0.72</td> <td>4.5</td> <td>0.71</td>		PEYUF	7		1.22		75	25	8.4	0.72	4.5	0.71
Birchcliff Energy Ltd. BIREF CB 6.78 1.37 1,370 60 40 8.5 - - 0 1,000				71.14	1.15	7,040	40	60	5.4	0.36	0.5	0.68
Top Line Cash Payers Permian Basin RT PBT 22.62 1.00 1,050 37 63 1.49 6.6 1.00 1.050 37 63 1.49 6.6 1.00 1.050 37 63 1.49 6.6 1.00 1.050 37 63 1.49 6.6 1.00 1.050 37 63 1.49 6.6 1.00 1.050 37 63 1.49 6.6 1.00 1.050 37 63 1.00 3.00	Whiting Petroleum Corporation	WLL	В	52.92	1.30	8,160	8	92	4.5	-	-	0.66
Top Line Cash Payers Permian Basin RT PBT 22.62 1.00 1,050 37 63 1.49 6.6 1.00 1.050 37 63 1.49 6.6 1.00 1.050 37 63 1.49 6.6 1.00 1.050 37 63 1.49 6.6 1.00 1.050 37 63 1.49 6.6 1.00 1.050 37 63 1.49 6.6 1.00 1.050 37 63 1.00 3.00	Birchcliff Energy Ltd.	BIREF	CB	6.78	1.37	1,370	60	40	8.5	-	-	0.50
Permian Basin RT						46,300			6.4			0.72
Permian Basin RT	Trans I day Cook Dayson											
Dorchester Minerals, L.P. DMLP B 25.71 1.00 790 57 43 2.07 8.0 Cabine Royalty Trust SBR 61.35 1.00 890 55 45 3.93 6.4 Cross Timbers Royalty Trust CRT 39.89 1.00 240 70 30 2.66 6.7 Cabine Royalty Trust CRT 39.89 1.00 240 70 30 2.66 6.7 Cabine Royalty Trust CRT 18.68 1.04 1.260 16 84 1.68 9.0 Cabine Royalty Trust CRT 18.68 1.04 1.260 16 84 1.68 9.0 Cabine Royalty Trust Cash Payers Cash Pay		DDT		22.62	1.00	1.050	27	62		1.40		1.13
Sabine Royalty Trust			D									0.95
Cross Timbers Royalty Trust			В									
Freehold Royalties Ltd.	2 2											0.94
Bottom Line Cash Payers Line Energy, LLC LINE 38.70 1.75 11,850 40 60 10.4 2.76 7.1 11 11 11 11 11 11 1	2 2		,									0.91
Bottom Line Cash Payers Linn Energy, LLC LINE 38.70 1.75 11,850 40 60 10.4 2.76 7.1 11 12 12 13 14 100 280 42 58 7.5 1.81 8.5 13 14 1.00 14 1.00 14 1.00 15 1.00 16 1.00 1	2	FKHLF	'	18.68	1.04		16	84		1.68		0.89
Linn Energy, LLC LINE 38.70 1.75 11,850 40 60 10.4 2.76 7.1 1 Vanguard Natural Resources, LLC VNR 28.21 1.45 2,130 20 80 9.6 2.35 8.3 1 Enduro Royalty Trust (40%) NDRO 21.34 1.00 280 42 58 7.5 1.81 8.5 1 Mesa Royalty Trust MTR 39.71 1.00 74 75 25 10.4 3.41 8.6 0 Legacy Reserves L.P. LGCY 28.90 1.35 1,860 18 82 8.4 2.20 7.6 0 San Juan Basin Royalty Trust SJT CB 19.05 1.00 890 100 - 15.9 0.80 4.2 0 Hugoton RoyaltyTrust HGT 14.14 1.00 570 88 12 15.6 0.77 5.4 0 Enerplus Corporation ERF CB 20.70	Total or Median					4,200					0./	0.94
Vanguard Natural Resources, LLC VNR 28.21 1.45 2,130 20 80 9.6 2.35 8.3 1 Enduro Royalty Trust (40%) NDRO 21.34 1.00 280 42 58 7.5 1.81 8.5 1 Mesa RoyaltyTrust MTR 39.71 1.00 74 75 25 10.4 3.41 8.6 0 Legacy Reserves L.P. LGCY 28.90 1.35 1,860 18 82 8.4 2.20 7.6 0 San Juan Basin Royalty Trust SJT CB 19.05 1.00 890 100 - 15.9 0.80 4.2 0 Hugoton RoyaltyTrust HGT 14.14 1.00 570 88 12 15.6 0.77 5.4 0 Enerplus Corporation ERF CB 20.70 1.35 5,500 18 82 6.1 2.16 10.5 0 Composite	Bottom Line Cash Payers											
Enduro Royalty Trust (40%) NDRO 21.34 1.00 280 42 58 7.5 1.81 8.5 1 Mesa RoyaltyTrust MTR 39.71 1.00 74 75 25 10.4 3.41 8.6 (Legacy Reserves L.P. LGCY 28.90 1.35 1,860 18 82 8.4 2.20 7.6 (San Juan Basin Royalty Trust SJT CB 19.05 1.00 890 100 - 15.9 0.80 4.2 (Hugoton RoyaltyTrust HGT 14.14 1.00 570 88 12 15.6 0.77 5.4 (Enerplus Corporation ERF CB 20.70 1.35 5,500 18 82 6.1 2.16 10.5 (Total or Median 23,200 10.0 8.0 (Composite 23,200 10.0 8.0 (Equal Weighting 46 54 (Equal Weighted Buys 46 54 (CB=Contrarian Buy, Stock Price apparently in downtrend compared to 200-day average.	Linn Energy, LLC	LINE		38.70	1.75	11,850	40	60	10.4	2.76	7.1	1.15
Mesa RoyaltyTrust MTR 39.71 1.00 74 75 25 10.4 3.41 8.6 C Legacy Reserves L.P. LGCY 28.90 1.35 1,860 18 82 8.4 2.20 7.6 C San Juan Basin Royalty Trust SJT CB 19.05 1.00 890 100 - 15.9 0.80 4.2 C Hugoton RoyaltyTrust HGT 14.14 1.00 570 88 12 15.6 0.77 5.4 C Enerplus Corporation ERF CB 20.70 1.35 5,500 18 82 6.1 2.16 10.5 C Total or Median 23,200 10.0 8.0 C Composite Enterprise Value Weighting Equal Weighting 73,600 36 64 64 64 Equal Weighted Buys 46 54 64 64 64 64 CB=Contrarian Buy, Stock Price apparently in downtrend compared to 2	Vanguard Natural Resources, LLC	VNR		28.21	1.45	2,130	20	80	9.6	2.35	8.3	1.09
Legacy Reserves L.P. LGCY 28.90 1.35 1,860 18 82 8.4 2.20 7.6 C San Juan Basin Royalty Trust SJT CB 19.05 1.00 890 100 - 15.9 0.80 4.2 C Hugoton RoyaltyTrust HGT 14.14 1.00 570 88 12 15.6 0.77 5.4 C Enerplus Corporation ERF CB 20.70 1.35 5,500 18 82 6.1 2.16 10.5 C Composite Enterprise Value Weighting 73,600 36 64	Enduro Royalty Trust (40%)	NDRO		21.34	1.00	280	42	58	7.5	1.81	8.5	1.02
San Juan Basin Royalty Trust SJT CB 19.05 1.00 890 100 - 15.9 0.80 4.2 C Hugoton RoyaltyTrust HGT 14.14 1.00 570 88 12 15.6 0.77 5.4 C Enerplus Corporation ERF CB 20.70 1.35 5,500 18 82 6.1 2.16 10.5 C Composite Enterprise Value Weighting Equal Weighting Equal Weighting Equal Weighted Buys 73,600 36 64	Mesa RoyaltyTrust	MTR		39.71	1.00	74	75	25	10.4	3.41	8.6	0.99
Hugoton RoyaltyTrust HGT 14.14 1.00 570 88 12 15.6 0.77 5.4 C Enerplus Corporation ERF CB 20.70 1.35 5,500 18 82 6.1 2.16 10.5 0 Composite Enterprise Value Weighting 73,600 36 64 0 0 Equal Weighted Buys 46 54 0 0 CB=Contrarian Buy, Stock Price apparently in downtrend compared to 200-day average. CB=Contrarian Stock CB=COntrarian S	Legacy Reserves L.P.	LGCY		28.90	1.35	1,860	18	82	8.4	2.20	7.6	0.97
Enerplus Corporation ERF CB 20.70 1.35 5,500 18 82 6.1 2.16 10.5 0 Composite Enterprise Value Weighting 73,600 36 64	San Juan Basin Royalty Trust	SJT	CB	19.05	1.00	890	100	-	15.9	0.80	4.2	0.91
Total or Median 23,200 10.0 8.0 0 Composite State of the price of the	Hugoton RoyaltyTrust	HGT		14.14	1.00	570	88	12	15.6	0.77	5.4	0.83
Composite Enterprise Value Weighting Equal Weighting Equal Weighted Buys CB=Contrarian Buy, Stock Price apparently in downtrend compared to 200-day average.	Enerplus Corporation	ERF	CB	20.70	1.35	5,500	18	82	6.1	2.16	10.5	0.68
Enterprise Value Weighting 73,600 36 64 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Total or Median					23,200			10.0		8.0	0.98
Enterprise Value Weighting 73,600 36 64 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Composite											
Equal Weighting 46 54 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	*					73.600	36	64				0.80
Equal Weighted Buys 41 59 6 CB=Contrarian Buy, Stock Price apparently in downtrend compared to 200-day average.	1 0 0					,						0.8
CB=Contrarian Buy, Stock Price apparently in downtrend compared to 200-day average.	. 0 0											0.74
												5.7
M.D., D.C. M. J. C. and J.D. L. C. and J.												
McDep Ratio = Market cap and Debt to present value of oil and gas and other businesses. Present Value (PV) presumes long-term prices of \$100 a barrel for oil and \$6 a million btu for natural gas.												



		Tabl	e ISC-2						
McDep Inco	ome an	d Sn	nall Ca	p Ener	gy Port	folio			
Net Present Value and McDep Ratio									
			Price			Net			
			(\$/sh)		Market	Present	Debt/		
	Symbol/		5-Apr	Shares	Cap	Value	Present	McDep	
	Ra	ting	2012	(mm)	(\$mm)	(\$/un)	Value	Ratio	
Small Cap Independent Producers									
PDC Energy	PETD		34.44	23.6	810	40.00	0.34	0.91	
Range Resources	RRC	СВ	57.65	160.0	9.220	70.00	0.18	0.86	
Berry Petroleum Company	BRY		46.04	55.0	2,530	70.00	0.28	0.75	
Denbury Resources Inc.	DNR		18.49	393.0	7,270	28.00	0.20	0.73	
Peyto Exploration and Development Cor	PEYUF		15.92	133.9	2,130	24.00	0.13	0.71	
Cimarex Energy Company	XEC	В	71.14	86.2	6,130	110.00	0.09	0.68	
Whiting Petroleum Corporation	WLL	В	52.92	119.0	6,300	88.00	0.15	0.66	
Birchcliff Energy Ltd.	BIREF	СВ	6.78	147.0	1,000	16.00	0.14	0.50	
Total or Median					35,390		0.17	0.72	
Top Line Cash Payers									
Permian Basin RT	PBT		22.62	46.6	1,050	20.00	_	1.13	
Dorchester Minerals, L.P.	DMLP	В	25.71	30.7	790	27.00	_	0.95	
Sabine Royalty Trust	SBR	В	61.35	14.6	890	65.00	_	0.94	
Cross Timbers Royalty Trust	CRT		39.89	6.0	240	44.00	_	0.91	
Freehold Royalties Ltd.	FRHLF		18.68	64.8	1,210	21.00	0.03	0.51	
Total or Median	TRILI		10.00	04.0	4,180	21.00	0.03	0.94	
Total of meatan					7,100			0.57	
Bottom Line Cash Payers									
Linn Energy, LLC	LINE		38.70	175.0	6,770	30.00	0.49	1.15	
Vanguard Natural Resources, LLC	VNR		28.21	52.0	1,470	25.00	0.34	1.09	
Enduro Royalty Trust (40%)	NDRO		21.34	13.2	280	21.00	-	1.02	
Mesa RoyaltyTrust	MTR		39.71	1.9	74	40.00	-	0.99	
Legacy Reserves L.P.	LGCY		28.90	47.5	1,370	30.00	0.25	0.97	
San Juan Basin Royalty Trust	SJT	СВ	19.05	46.6	890	21.00	-	0.91	
Hugoton RoyaltyTrust	HGT		14.14	40.0	570	17.00	-	0.83	
Enerplus Corporation	ERF	CB	20.70	196.0	4,060	34.00	0.18	0.68	
Total or Median					15,480			0.98	
B=Buy; CB=Contrarian Buy, Stock Price	e apparent	ly in de	owntrend	compared	to 200-day	/ average			
McDep Ratio = \mathbf{M} arket \mathbf{c} ap and \mathbf{D} ebt to									
Present Value presumes long-term price							gas		



		Tab	le ISC-3	3				
McDep Inco	me an	d S	mall C	ap Enei	rgy Por	tfolio		
Value	Multip	les -	Rank	by EV/	Ebitda			
	1			J =				
			Price			Adjstd		
			(\$/sh)	Revenue	Dist/	Resrvs/	PV/	EV/
	Symbol/		5-Apr	Royalty	Equity	Prod	Ebitda	Ebitda
	Rai	ting	2012	(%)	Ebitda	NTM	NTM	NTM
Small Cap Independent Producers								
Range Resources	RRC	СВ	57.65		-	14.7	15.3	13.1
Birchcliff Energy Ltd.	BIREF	CB	6.78		_	23.7	17.0	8.5
Peyto Exploration and Development Corp		CD	15.92		0.36	109.9	11.9	8.4
PDC Energy	PETD		34.44		-	8.1	7.9	7.1
Denbury Resources Inc.	DNR		18.49		_	14.1	7.8	5.7
Berry Petroleum Company	BRY		46.04		_	11.8	7.3	5.5
Cimarex Energy Company	XEC	В	71.14		_	8.2	8.0	5.4
Whiting Petroleum Corporation	WLL	В	52.92		-	9.8	6.8	4.5
Median	WEE	Б	32.72			13.0	8.0	6.4
Top Line Cash Payers								
Sabine Royalty Trust	SBR		61.35	100	1.00	8.2	16.5	15.6
Cross Timbers Royalty Trust	CRT		39.89	78	0.96	16.3	16.0	14.4
Permian Basin RT	PBT		22.62	32	0.92	9.7	12.3	13.9
Dorchester Minerals, L.P.	DMLP	В	25.71	77	1.00	6.1	13.1	12.5
Freehold Royalties Ltd.	FRHLF		18.68	71	0.72	5.9	9.0	8.0
Median						8.2	13.1	13.9
Bottom Line Cash Payers								
San Juan Basin Royalty Trust	SJT	СВ	19.05		0.67	8.8	17.5	15.9
Hugoton RoyaltyTrust	HGT	CD	14.14		0.85	12.8	18.7	15.6
Linn Energy, LLC	LINE		38.70		0.83	14.7	9.0	10.4
Mesa RoyaltyTrust	MTR		39.71		0.89	7.5	10.4	10.4
Vanguard Natural Resources, LLC	VNR		28.21		0.83	14.0	8.8	9.6
Legacy Reserves L.P.	LGCY		28.90		0.63	11.9	8.7	8.4
Enduro Royalty Trust (40%)	NDRO		21.34		0.63	5.3	7.3	7.5
Enerplus Corporation	ERF	СВ	20.70		0.57	6.5	9.0	6.1
Median	Liu	CD	20.70		0.57	10.3	9.0	10.0
B=Buy; CB=Contrarian Buy, Stock Price								
EV = Enterprise Value = Market Cap and							n	
and amortization; NTM = Next Twelve M				2013; P/E =	Stock Pr	rice to		
Earnings; PV = Present Value of oil and g								
Top Line Cash Payers defined as those ha	ving Reve	nue F	Royalty (s	see fifth co	lumn from	right).		



		Tab	le ISC-4	ļ				
Oil and (Gas Inc	ome	e and S	Small C	Cap Stoc	ks		
Rank by E	nterpri	ise V	alue t	o 200 I	Dav Ave	rage		
						- 6		
			Price					
			(\$/sh)		Enterpris	e Value/		
	Symbol/		5-Apr	52Wk	52Wk	50 Day	200 Day	McDep
		ting	2012	High	Low	Avg.	Avg.	Ratio
Small Cap Independent Producers								
PDC Energy	PETD		34.44	0.79	1.54	0.98	1.07	0.91
Denbury Resources Inc.	DNR		18.49	0.77	1.48	0.97	1.07	0.73
Whiting Petroleum Corporation	WLL	В	52.92	0.75	1.54	0.97	1.05	0.66
Cimarex Energy Company	XEC	В	71.14	0.64	1.33	0.96	1.01	0.68
Berry Petroleum Company	BRY		46.04	0.83	1.27	0.95	0.99	0.75
Range Resources	RRC	CB	57.65	0.79	1.11	0.95	0.94	0.86
Peyto Exploration and Development C	PEYUF		15.92	0.66	1.00	0.90	0.79	0.71
Birchcliff Energy Ltd.	BIREF	CB	6.78	0.52	1.02	0.69	0.61	0.50
Median				0.76	1.30	0.95	1.00	0.72
Top Line Cash Payers								
Permian Basin RT	PBT		22.62	0.97	1.26	1.03	1.07	1.13
Dorchester Minerals, L.P.	DMLP	В	25.71	0.86	1.24	1.07	1.06	0.95
Freehold Royalties Ltd.	FRHLF		18.68	0.77	1.35	0.92	0.98	0.89
Sabine Royalty Trust	SBR		61.35	0.87	1.29	0.98	0.97	0.94
Cross Timbers Royalty Trust	CRT		39.89	0.78	1.05	0.87	0.87	0.91
Median				0.86	1.26	0.98	0.98	0.94
Bottom Line Cash Payers								
Legacy Reserves L.P.	LGCY		28.90	0.89	1.21	0.99	1.02	0.97
Linn Energy, LLC	LINE		38.70	0.97	1.13	1.02	1.02	1.15
Vanguard Natural Resources, LLC	VNR		28.21	0.88	1.18	1.01	1.01	1.09
Mesa RoyaltyTrust	MTR		39.71	0.80	1.09	0.95	0.92	0.99
San Juan Basin Royalty Trust	SJT	CB	19.05	0.69	1.09	1.00	0.85	0.91
Enerplus Corporation	ERF	CB	20.70	0.70	1.01	0.91	0.83	0.68
Hugoton RoyaltyTrust	HGT		14.14	0.58	1.02	0.94	0.72	0.83
Median				0.80	1.09	0.99	0.92	0.97
CB=Contrarian Buy, Stock Price appar	ently in de	xxmtra	and comp	ared to 20	0-day ayara	ge.		



Symbol	NDRO	Ebitda Next Twelve Months ending 3/31/13 (US\$mm)	94		
Rating	None	North American Natural Gas/Ebitda (%)	21		
Price (\$/un)	21.34	Natural Gas and Oil Production/Ebitda (%)	100		
Pricing Date	4/5/12	Adjusted Reserves/Production NTM	5.3		
Shares (mm)	33	EV/Ebitda	7.5		
Market Capitalization (\$mm)	700	PV/Ebitda	7.3		
Debt (\$mm)	0	Undeveloped Reserves (%)	17		
Enterprise Value (EV) (\$mm)	700	Natural Gas and Oil Ebitda (\$/boe)	33.80		
Present Value (PV) (\$mm)	690	Present Value Proven Reserves(\$/boe)			
Net Present Value (\$/unit)	21	Oil and Gas Ebitda Margin (%)	70		
Debt/Present Value	0.00	Earnings Next Twelve Months (US\$/un)	1.81		
McDep Ratio - EV/PV	1.02	Price/Earnings Next Twelve Months	12		
Distribution Yield (%/year)	8.5	NTM Distribution (US\$/un)	1.81		
Note: Estimated cash flow and earni	ngs tied to one	-year futures prices for natural gas and oil.			
Reported results may vary wid	lely from estin	nates. Estimated present value per share revised only infred	quently.		
Estimated present value presu	mes a long-ter	m price for oil of US\$100 a barrel and natural gas, \$6 a mil	lion btu.		
Sixty percent of units held by	Enduro Resou	rce Partners LLC, the sponsor of the trust.			
For historical analysis of ND	RO since 2010	see www.mcdep.com/5ndro.htm			

Symbol	HGT	Ebitda Next Twelve Months ending 3/31/13 (US\$mm)	36
Rating	None	North American Natural Gas/Ebitda (%)	74
Price (US\$/sh)	14.14	Natural Gas and Oil Production/Ebitda (%)	100
Pricing Date	4/5/12	Adjusted Reserves/Production NTM	12.8
Shares (mm)	40.0	EV/Ebitda	15.6
Market Capitalization (US\$mm)	566	PV/Ebitda	18.7
Debt (US\$mm)	0	Undeveloped Reserves (%)	13
Enterprise Value (EV) (US\$mm)	566	Natural Gas and Oil Ebitda (US\$/mcfe)	2.03
Present Value (PV) (US\$mm)	680	Present Value Proven Reserves(US\$/boe)	16.70
Net Present Value (US\$/unit)	17.0	Oil and Gas Ebitda Margin (%)	51
Debt/Present Value	0.00	Earnings Next Twelve Months (US\$/un)	0.77
McDep Ratio - EV/PV	0.83	Price/Earnings Next Twelve Months	18
Distribution Yield (%/year)	5.4	Distribution Next Twelve Months (US\$/sh)	0.77
Note: Estimated cash flow and e	arnings tied to	one-year futures prices for oil and natural gas.	
Reported results may vary	widely from e	stimates. Estimated present value per share revised only infreq	uently.
Estimated present value pr	resumes a long-	term price for oil of US\$100 a barrel and natural gas, \$6 a mill	lion btu.
For historical analysis of	HGT since 200	0 see www.mcdep.com/4hgt.htm	

Symbol	MTR	Ebitda Next Twelve Months ending 3/31/13 (US\$mm)	7				
Rating	None	North American Natural Gas/Ebitda (%)	32				
Price (US\$/sh)	39.71	Natural Gas and Oil Production/Ebitda (%)	100				
Pricing Date	4/5/12	Adjusted Reserves/Production NTM	7.5				
Shares (mm)	1.86	EV/Ebitda	10.4				
Market Capitalization (US\$mm)	74	PV/Ebitda	10.4				
Debt (US\$mm)	0	Undeveloped Reserves (%)	0				
Enterprise Value (EV) (US\$mm)	74	Natural Gas and Oil Ebitda (US\$/mcfe)					
Present Value (PV) (US\$mm)	75	75 Present Value Proven Reserves(US\$/boe) 29					
Net Present Value (US\$/unit)	40	Oil and Gas Ebitda Margin (%)	79				
Debt/Present Value	0.00	Earnings Next Twelve Months (US\$/un)	3.41				
McDep Ratio - EV/PV	0.99	Price/Earnings Next Twelve Months	12				
Distribution Yield (%/year)	8.6	Distribution Next Twelve Months (US\$/sh)	3.41				
Note: Estimated cash flow and e	arnings tied to	one-year futures prices for natural gas.					
Reported results may vary	widely from e	stimates. Estimated present value per share revised only infreq	uently.				
Estimated present value pr	resumes a long-	-term price for oil of US\$100 a barrel and natural gas, \$6 a mill	ion btu.				
For historical analysis of	MTR since 200	94 see <u>www.mcdep.com/5mtr.htm</u>					



Symbol	SJT	Ebitda Next Twelve Months ending 3/31/13 (US\$mm)	56			
Rating	Contrarian Buy	North American Natural Gas/Ebitda (%)	95			
Price (US\$/sh)	19.05	Natural Gas and Oil Production/Ebitda (%)	100			
Pricing Date	4/5/12	Adjusted Reserves/Production NTM	8.8			
Shares (mm)	47	EV/Ebitda	15.9			
Market Capitalization (US\$mm)	890	PV/Ebitda	17.5			
Debt (US\$mm)	0	Undeveloped Reserves (%)	4			
Enterprise Value (EV) (US\$mm)	890	Natural Gas and Oil Ebitda (US\$/mcfe)	2.26			
Present Value (PV) (US\$mm)	980	Present Value Proven Reserves(US\$/boe)				
Net Present Value (US\$/unit)	21	Oil and Gas Ebitda Margin (%)	63			
Debt/Present Value	0.00	Earnings Next Twelve Months (US\$/un)	0.80			
McDep Ratio - EV/PV	0.91	Price/Earnings Next Twelve Months	24			
Distribution Yield (%/year)	4.2	Distribution Next Twelve Months (US\$/sh)	0.80			
Note: Estimated cash flow and	earnings tied to one	-year futures prices for natural gas.				
Reported results may var	y widely from estir	nates. Estimated present value per share revised only infrequ	uently.			
Estimated present value p	oresumes a long-ter	m price for oil of US\$100 a barrel and natural gas, \$6 a mill	ion btu.			
For historical analysis of	SJT since 2000 se	e www.mcdep.com/4sjt.htm				

Endu	ro Royalty T	rust							
Functional Cash Flow and Present Value									
				Present					
	NTM Ebitda	Adjusted	PV/	Value					
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	(US\$mm)					
North American Natural Gas	20	7.1	14.5	290	42%				
Oil	74	4.2	5.4	400	58%				
	94	5.3	7.3	690	100%				
Debt (US\$mm)					-				
Net Present Value (US\$mm)					690				
Shares (mm)					33				
Net Present Value - Standard Estimate (US\$/sh)					21				
NPV Approximation by Cash Flow Multiple Depen	nding on Rese	rve Life (US	S\$/sh)		19				



Hugo	ton Royalty Tr	ust							
Functional Cash Flow and Present Value									
				Present					
	NTM Ebitda	Adjusted	PV/	Value					
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	(US\$mm)					
North American Natural Gas	27	12.9	22.5	600	88%				
Oil	9	11.3	8.5	80	12%				
	36	12.8	18.9	680	100%				
Debt (US\$mm)					-				
Net Present Value (US\$mm)					680				
Shares (mm)					40				
Net Present Value - Standard Estimate (US\$/sh)					17				
NPV Approximation by Cash Flow Multiple Depend	ling on Reserve	Life (US\$/s	h)		14				

Mes	sa Royalty Tru	st					
Functional Ca	sh Flow and P	resent Valu	e				
				Present			
	NTM Ebitda	Adjusted	PV/	Value			
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	(US\$mm)			
North American Natural Gas	2.3	7.7	17.7	40	53%		
Oil	4.9	7.2	7.2	35	47%		
	7.1	7.5	10.5	75	100%		
Debt (US\$mm)					-		
Net Present Value (US\$mm)					75		
Units (mm)					1.86		
Net Present Value - Standard Estimate (US\$/sh)					40		
NPV Approximation by Cash Flow Multiple Depend	NPV Approximation by Cash Flow Multiple Depending on Reserve Life (US\$/sh)						

San Juan F	Basin Royalty	Trust			
Functional Cash	Flow and P	resent Valu	e		
				Present	
	NTM Ebitda	Adjusted	PV/	Value	
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	(US\$mm)	
North American Natural Gas	56	8.8	17.5	980	100%
	56	8.8	17.5	980	100%
Debt (US\$mm)					-
Net Present Value (US\$mm)					980
Shares (mm)					47
Net Present Value - Standard Estimate (US\$/sh)					21
NPV Approximation by Cash Flow Multiple Depending	ng on Reserve	Life (US\$/s	sh)		18



		Enduro R	oyalty Tr	ust			
Next Tv	velve Moi	nths Oper	ating and	Financial E	Estimates		
							Next
							Twelve
	Q1E	Q2E	Q3E	Q4E	Year	Q1E	Months
	3/31/12	6/30/12	9/30/12	12/31/12	2012E	3/31/13	3/31/13
Volume (Natural Gas lagged f	our month	ns, Oil thre	e months)				
Natural Gas (bcf)	2.61	2.61	2.64	2.64	10.50	2.61	10.50
Natural Gas (mmcfd)	29	29	29	29	29	29	29
Days	91	91	92	92	366	91	366
Oil (mb)	262	259	262	262	1,044	259	1,041
Oil (mbd)	2.8	2.8	2.8	2.8	2.9	2.8	2.8
Days	92	91	91	92	366	92	366
Total (mb)	697	694	702	702	2,795	694	2,792
Total (mbd)	7.6	7.6	7.6	7.6	7.6	7.6	7.6
Price (Natural Gas lagged for	r months.	Oil three i	nonths)				
Henry Hub (\$/mmbtu)	3.71	3.04	2.24	2.42	2.85	2.69	2.60
Differential (\$/mmbtu)	(0.22)	(0.18)	(0.13)	(0.14)	(0.16)	(0.16)	(0.15)
Company (\$/mcf)	3.93	3.22	2.37	2.56	3.02	2.84	2.75
WTI Cushing (\$/bbl)	94.06	102.93	105.45	106.70	102.28	107.44	105.63
Differential	3.53	3.86	3.96	4.00	3.84	4.03	3.96
Company	90.53	99.07	101.50	102.69	98.45	103.41	101.67
Total (\$/bbl)	48.72	49.06	46.78	47.93	48.12	49.27	48.25
Revenue (\$mm)	.0.,2	.,,,,,		.,,,,	10122	.,,,_,	10120
Natural Gas	10.3	8.4	6.3	6.8	31.7	7.4	28.8
Oil	23.7	25.6	26.6	26.9	102.8	26.8	105.9
Total	34.0	34.1	32.8	33.6	134.5	34.2	134.7
Expense	5 110	5 1.11	32.0	33.0	10 110	31.2	10 117
Lease operating							
General and administrative							
Total	10.3	10.2	9.8	10.1	40.4	10.3	40.4
Ebitda	23.7	23.8	23.0	23.5	94.0	23.9	94.3
Development	4.9	4.9	4.9	4.9	19.6	4.9	19.6
Other Non Cash	T.)	T.J	-	T.J	17.0	- T.J	17.0
Working interest (20%)	4.3	3.8	3.6	3.7	15.4	3.8	14.9
Ebit	14.5	15.2	14.5	14.9	59.0	15.2	59.8
Ebt	14.5	15.2	14.5	14.9	59.0	15.2	59.8
Distributable Income (\$mm	14.5	15.2	14.5	14.9	59.0	15.2	59.8
Distribution Per Unit (\$)	0.44	0.46	0.44	0.45	1.79	0.46	1.81
Units (millions)	33.0	33.0	33.0	33.0	33.0	33.0	33.0
Ebitda Margin	70%	70%	70%	70%	70%	70%	70%



				alty Trust					
N	lext Twel	ve Months	Operatin	g and Fin	ancial Pe	rformanc	e		
									Next
									Twelve
	Q1	Q4	Year	Q1E	Q2E	Q3E	Year	Q1E	Months
	3/31/11	12/31/11	2011	3/31/12	6/30/12	9/30/12	2012E	3/31/13	3/31/13
Volume (90% of working inter	est)								
Natural Gas (bcf)	0.35	0.33	1.36	0.33	0.32	0.33	1.30	0.32	1.30
Natural Gas (mmcfd)	3.8	3.6	3.7	3.6	3.6	3.5	3.6	3.5	3.5
Days	92	92	365	92	90	92	366	92	366
Oil (mmb)	0.03	0.03	0.11	0.03	0.03	0.03	0.11	0.03	0.11
Oil (mbd)	0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.29	0.30
Total (bcfe)	0.51	0.50	2.01	0.50	0.48	0.49	1.96	0.49	1.95
Total (mmcfd)	5.5	5.4	5.5	5.4	5.4	5.3	5.3	5.3	5.3
Price (Henry Hub and WTI Cus	shing lagge	ed two mont	hs)						
Henry Hub (\$/mmbtu)	3.93	3.99	4.10	3.32	2.43	2.30	2.65	3.17	2.62
Differential (%)	17	16	16	16	16	16	16	16	16
Trust (\$/mcf)	3.27	3.35	3.45	2.79	2.05	1.93	2.23	2.67	2.20
WTI Cushing (\$/bbl)	87.66	86.13	93.25	98.69	104.58	105.80	104.02	107.56	106.24
Differential	52.64	40.04	52.84	45.88	48.62	49.18	48.37	50.00	49.39
Trust (\$/bbl)	35.01	46.09	40.41	52.81	55.97	56.62	55.66	57.56	56.85
Total (\$/mcfe)	4.08	4.80	4.51	4.80	4.48	4.44	4.59	4.99	4.63
Revenue (\$mm)									
Natural Gas	1.13	1.11	4.69	0.92	0.66	0.63	2.91	0.86	2.85
Oil	0.93	1.28	4.39	1.46	1.50	1.55	6.07	1.56	6.16
Total	2.06	2.39	9.08	2.38	2.16	2.18	8.97	2.42	9.02
Expense	0.46	0.61	1.87	0.49	0.45	0.45	1.86	0.50	1.87
Ebitda	1.60	1.78	7.21	1.89	1.71	1.73	7.11	1.92	7.15
Development (90%)	0.10	0.14	0.49	0.15	0.15	0.15	0.60	0.15	0.60
Royalty Income									
Hugoton	0.61	0.72	2.69						-
San Juan	0.89	0.92	4.03						-
Total Royalty Income	1.50	1.64	6.72	1.74	1.56	1.58	6.51	1.77	6.55
Administrative	0.36	0.29	1.21	0.05	0.05	0.05	0.20	0.05	0.20
Distributable Income (\$mm)	1.14	1.35	5.51	1.69	1.51	1.53	6.31	1.72	6.35
Per Unit (\$)	0.61	0.73	2.96	0.64	0.81	0.82	3.13	0.92	3.41
Units (millions)	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86
Ebitda Margin	78%	75%	79%	79%	79%	79%	79%		79%



		Hu	goton Ro	yalty Tru	st				
	Next Tw	elve Month				Estimates			
				_					Next
									Twelve
	Q1	Q4	Year	Q1E	Q2E	Q3E	Year	Q1E	Months
	3/31/11	12/31/11	2011	3/31/12	6/30/12	9/30/12	2012E	3/31/13	3/31/13
Highlights									
Revenue (\$mm) (80%)	24.5	23.6	100.0	21.0	16.7	16.4	71.7	20.8	71.5
Cash flow (\$mm) (80%)	15.3	14.4	63.7	11.8	7.9	7.6	36.2	11.9	36.3
Per unit	0.38	0.36	1.59	0.29	0.20	0.19	0.90	0.30	0.91
Distributable Income (\$mm)	12.9	13.1	55.8	9.8	6.5	6.2	30.0	10.5	30.7
Per unit	0.32	0.33	1.39	0.25	0.16	0.16	0.75	0.26	0.77
Units (millions)	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Volume									
Natural Gas (bcf)	5.6	5.2	21.7	5.2	5.2	5.3	20.9	5.3	21.0
Natural Gas (mmcfd)	61.3	57.0	59.4	58.0	57.7	57.4	57.2	57.1	57.3
Days	92	92	365	92	90	92	366	92	366
Oil (mb)	68	58	249	58	56	57	227	57	226
Oil (mbd)	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6
Days	92	92	365	92	89	92	365	92	365
Total (bcf)	6.0	5.6	23.2	5.5	5.5	5.6	22.3	5.6	22.3
Price									
Natural Gas (HH lagged two	months)								
Henry Hub (\$/mmbtu)	3.93	3.99	4.10	3.32	2.43	2.30	2.65	3.17	2.62
Differential (%)	(12)	(18)	(15)	(20)	(20)	(20)	(20)	(20)	(20)
HGT (\$/mcf)	4.41	4.70	4.73	4.00	2.93	2.76	3.19	3.82	3.15
Oil (\$/bbl) (WTI Cushing la	gged two n	nonths)							
WTI Cushing	87.66	86.13	93.25	98.69	104.58	105.80	104.02	107.56	106.24
HGT	85.34	83.12	90.07	95.32	101.02	102.19	100.45	103.87	102.62
Total (\$/mcf)	5.07	5.27	5.39	4.74	3.77	3.63	4.02	4.64	4.00
Revenue (\$mm)									
Natural Gas	24.9	24.7	102.6	20.8	15.2	14.6	66.8	20.1	66.1
Oil	5.8	4.8	22.4	5.5	5.6	5.8	22.8	5.9	23.2
Total	30.7	29.5	125.0	26.3	20.8	20.4	89.7	26.0	89.3
Cost (\$mm)									
Tax, transport & other	3.3	3.3	13.6	2.9	2.3	2.2	9.9	2.9	9.8
Production	5.6	5.4	21.1	6.0	6.0	6.0	23.8	5.5	23.4
Overhead	2.7	2.7	10.8	2.7	2.7	2.7	10.8	2.7	10.8
Total	11.6	11.4	45.5	11.5	10.9	10.9	44.5	11.1	44.0
Cash flow (\$mm)	19.1	18.0	79.6	14.7	9.9	9.6	45.2	14.9	45.4
Development	2.6	1.5	8.8	1.5	1.5	1.5	6.0	1.5	6.0
Excess costs			-				-		
Net proceeds (\$mm)	16.5	16.5	70.8	13.2	8.4	8.1	39.2	13.4	39.4
Royalty income (\$mm)	13.2	13.2	56.6	10.6	6.7	6.4	31.4	10.7	31.5
Royalty/Net proceeds	80%	80%	80%	80%	80%	80%	80%	80%	80%
Administration	0.3	0.1	0.8	0.8	0.2	0.2	1.4	0.2	0.8
Distributable income (\$mm	12.9	13.1	55.8	9.8	6.5	6.2	30.0	10.5	30.7



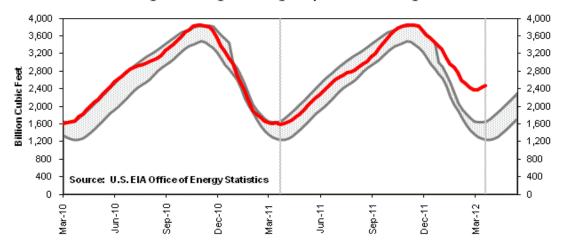
San Juan Basin Royalty Trust										
	Next Twelve Months Operating and Financial Estimates									
									Next	
									Twelve	
	Q1	Q4	Year	Q1E	Q2E	Q3E	Year	Q1E	Months	
	3/31/11	12/31/11	2011	3/31/12	6/30/12	9/30/12	2012E	3/31/13	3/31/13	
Highlights										
Revenue (\$mm) (75%)	27.4	32.2	121.1	27.8	20.0	19.6	89.1	26.7	88.0	
Cash flow (\$mm) (75%)	18.1	23.0	83.8	19.2	12.1	11.7	56.6	18.4	55.8	
Per unit	0.39	0.49	1.80	0.41	0.26	0.25	1.21	0.39	1.20	
Distributable Income (\$mm)	14.9	18.9	67.2	14.6	7.3	6.9	37.6	14.4	37.3	
Per unit	0.32	0.41	1.44	0.31	0.16	0.15	0.81	0.31	0.80	
Units (millions)	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	
Volume										
Natural gas (mmbtu)	8.9	9.4	36.1	8.9	8.6	8.9	35.2	8.9	35.2	
Heat Content(btu/cf)	1,103	1,096	1,095	1,082	1,082	1,082	1,082	1,082	1,082	
Natural gas (bcf)	8.1	8.6	33.0	8.2	7.9	8.2	32.6	8.2	32.6	
Natural Gas (mmcfd)	88.0	93.2	90.3	89.3	89.3	89.3	89.3	89.3	89.3	
Days	92	92	365	92	89	92	365	92	365	
Oil (mb)	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	
Oil (mbd)	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Days	92	92	365	92	89	92	365	92	365	
Total gas & oil (bcf)	8.2	8.7	33.3	8.3	8.0	8.3	32.9	8.3	33.0	
Price										
Natural gas (\$/mmbtu) (Hei	nry Hub lag	gged two mo	nths)							
Henry Hub (\$/mmbtu)	3.93	3.99	4.10	3.32	2.43	2.30	2.65	3.17	2.62	
Differential (%)	(1)	(11)	(6)	(21)	(21)	(21)	(21)	(21)	(21	
Net to SJT (\$/mmbtu)	3.98	4.44	4.34	4.02	2.94	2.78	3.21	3.84	3.17	
Natural gas (\$/mcf)	4.39	4.87	4.76	4.35	3.18	3.01	3.48	4.15	3.43	
Oil (\$/bbl) (WTI Cushing la	igged two r	nonths)								
WTI Cushing	87.66	86.13	93.25	98.69	104.58	105.80	104.02	107.56	106.24	
SJT	71.86	75.34	81.08	85.80	90.93	91.99	90.47	93.55	92.38	
Total gas & oil (\$/mcf)	4.47	4.95	4.85	4.46	3.32	3.14	3.61	4.28	3.56	
Revenue (\$mm)										
Natural Gas	35.6	41.7	156.8	35.7	25.3	24.7	113.2	34.1	111.6	
Oil	1.0	1.2	4.8	1.3	1.4	1.4	5.6	1.4	5.7	
Total	36.5	42.9	161.5	37.0	26.7	26.1	118.8	35.5	117.3	
Cost (\$mm)										
Severance tax	3.6	4.1	15.5	3.2	2.3	2.2	10.2	3.0	10.1	
Operating	8.7	8.1	34.2	8.3	8.3	8.3	33.2	8.0	32.9	
Total	12.3	12.2	49.8	11.5	10.6	10.5	43.4	11.0	43.0	
Cash flow (\$mm)	24.2	30.7	111.7	25.5	16.1	15.6	75.4	24.5	74.4	
Development	3.7	5.3	21.0	5.9	5.9	5.9	23.6	4.8	22.5	
Net proceeds (\$mm)	20.5	25.5	90.7	19.6	10.2	9.7	51.9	19.7	51.9	
Royalty income (\$mm)	15.4	19.1	68.0	14.7	7.7	7.3	38.9	14.8	38.9	
Royalty/Net proceeds	75%		75%	75%	75%	75%	75%	75%	75%	
Administration	0.5	0.2	1.5	0.1	0.4	0.4	1.3	0.4	1.6	
One-time			(0.7)		2.7		-	***	-	
Distributable income (\$mm	14.9	18.9	67.2	14.6	7.3	6.9	37.6	14.4	37.3	



ICDEP Income and Small Cap Weekly

Analysis of Oil & Gas Stocks April 6, 2012

Working Gas in Underground Storage Compared with 5-Year Range



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