

Income and Small Cap Weekly

Analysis of Oil & Gas Stocks June 20, 2011 (for regular date June 17)

Update Peyto (PEYUF) Growth, Discontinue UPL, PGH

Symbol	PEYUF	Ebitda Next Twelve Months ending 3/31/12 (US\$mm)	316
Rating		North American Natural Gas/Ebitda (%)	72
Price (US\$/un)	21.01	Natural Gas and Oil Production/Ebitda (%)	100
Pricing Date	6/17/11	Adjusted Reserves/Production NTM	15.6
Units (mm)	133	EV/Ebitda	10.1
Market Capitalization (US\$mm)	2,790	PV/Ebitda	11.4
Debt (US\$mm)	410	Probable Reserves (%)	31
Enterprise Value (EV) (US\$mm)	3,200	Natural Gas and Oil Ebitda (US\$/boe)	24.17
Present Value (PV) (US\$mm)	3,590	Present Value Proven and Probable Reserves(US\$/boe)	13.83
Net Present Value (US\$/unit)	24	Oil and Gas Ebitda Margin (%)	82
Debt/Present Value	0.11	Earnings Next Twelve Months (US\$/un)	1.19
McDep Ratio - EV/PV	0.89	Price/Earnings Next Twelve Months	18
Distribution Yield (%/year)	3.5	Indicated Annual Distribution (US\$/un)	0.74
Note: Estimated cash flow and ea	rnings tied to o	ne-year futures prices for oil and natural gas.	
Reported results may vary	widely from est	imates. Estimated present value per unit revised only infreque	ently.
Estimated present value pre	esumes a long-te	erm price for oil of US\$100 a barrel and natural gas, \$8 a mill	ion btu.
For historical analysis of P	eyto Energy Tru	ist see www.mcdep.com/5pey.htm	

Summary and Recommendation

Shares of **Peyto Exploration** (**PEYUF**) offer attractive participation in low cost, natural gas production likely to grow by a third in 2011 after an increase of more than a quarter in 2010. Drilling the most horizontal wells of any producer in the Central Deep Basin of Alberta, Peyto is extending its success in the Cardium formation to three more formations stacked in most of the same area. We visited Peyto's office in Calgary on June 15. While our research interest in Peyto builds, our capacity to keep up with other companies is more limited. For that reason, we are discontinuing McDep Ratio work on **Pengrowth** (**PGH**) and **Ultra Petroleum** (**UPL**). Meanwhile, recent near-term stock price declines have the usual dual message of making some recent purchases look ill-timed and making new purchases look more attractive on our longer-term measures including the McDep Ratio. Peyto stock could be a complement to or substitute for an official buy recommendation.

Peyto Growth Model for 2011

Peyto's C\$260 million capital program in 2010 added some 15 thousand barrels equivalent daily (mboed) of new production (see red wedge in chart 2011 Outlook on page 3). At the same time, production from wells completed before 2010 declined about 3 mboed. As a result, total production grew about 12 mboed to about 30 mboed at yearend.

If a higher C\$ 310 million capital program in 2011 is as successful as in 2010, it would add perhaps 18 mboed of new production. Decline from wells completed before 2011 would be some 10 mboed. As a result, total production would grow perhaps 8 mboed to about 38 mboed at yearend.



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Profitable Growth from Multiple Formations

An abundant inventory of high-profit drilling locations allows Peyto to grow its production further with aggressive spending or maintain stable volume with more moderate spending. Through a remarkable series of drilling actions, Peyto has taken the success it has had applying new technology to the prominent Cardium formation and seeing the same type of success in three more formations on the same lands, the Notikewin, Falher and Wilrich. To the 15 billion cubic feet (bcf) of gas in place per section in the Cardium formation, the Notikewin can add 18 bcf; the Falher, 10; and the Wilrich, 12. There may be more from other formations for a total of more than 60 bcf per section. Not all formations are productive in every section. Only about 22% of prospective areas by section has been counted in proven and probable reserves.

Growth Would Lead to Higher Valuation

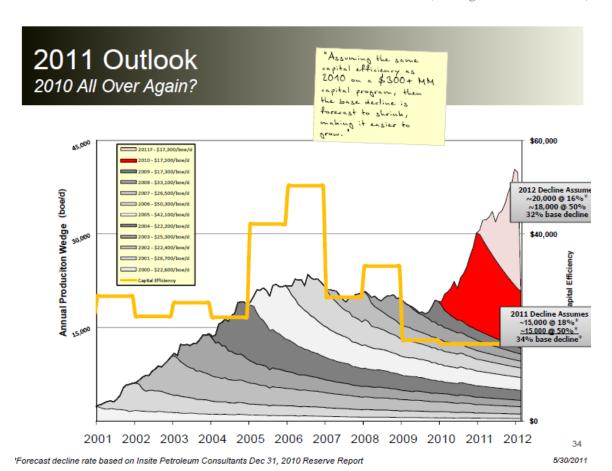
Estimated Net Present Value (NPV) of US\$24 a share appears more than covered by a comparison to peer companies by cash flow multiple depending on reserve life (see table Functional Cash and Present Value on page 3). As a result, we may have more confidence to raise estimated NPV as volume and cash flow materialize in line with or exceed our projection (see table Next Twelve Months Operating and Financial Performance on page 4).

Balanced Natural Gas Growth and Income

Among small cap oil and gas stocks, Peyto is concentrated 76% on natural gas with 24% of value in liquids mixed with the gas stream (see Tables ISC-1 on page 5). Unique among the high growth independent producers, Peyto also offers 3.5% a year income. That may contribute to a McDep Ratio (0.89) higher than for the median growth producer (0.80). Yet, Peyto's McDep Ratio is lower than for the median of income stocks (0.92). Industry risk in Peyto's high growth rate is offset by less than median financial risk at debt to present value of 0.11 (see Table ISC-2 on page 6). Unlevered cash flow multiple (EV/Ebitda) is higher than the median as a result of long reserve life and concentration on natural gas with its higher long-term price appreciation potential compared to oil (see Table ISC-3 on page 7). Though it doesn't affect our fundamental analysis, favorable price performance keeps Peyto stock in an uptrend compared to its 200-day average (see Table ISC-4 on page 8). Finally, in a chart we reproduce weekly, usually without comment, U.S. natural gas inventories are in a more positive position for higher natural gas price than was the case a year ago (see chart <u>Underground Storage</u> on page 9).

Kurt H. Wulff, CFA





Peyto Explorat	ion and Dev	elopment (Corp.							
Functional Ca	sh Flow and	l Present Va	alue							
	NTM Ebitda Adjusted BV/ Volus									
N	VTM Ebitda	Adjusted	PV/	Value						
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	(US\$mm)						
North American Natural Gas	226	15.3	12.1	2,740	76%					
Oil	90	17.9	9.4	850	24%					
	316	15.6	11.4	3,590	100%					
Debt (US\$mm)					410					
Net Present Value (US\$mm)					3,180					
Shares (mm)					133					
Net Present Value - Standard Estimate (US\$/sh)					24					
NPV Approximation by Cash Flow Multiple Dep	ending on Re	eserve Life ((US\$/sh)		26					



	1,020 1		nths Opera	an dollars)					
			(Canadia	an donais)					Next
									Twelve
	Q1	Year	Q1	Q2E	Q3E	Q4E	Year	Q1E	Months
	3/31/10	2010	3/31/11	6/30/11	9/30/11	12/31/11	2011E	3/31/12	3/31/12
Volume	3/31/10	2010	3/31/11	0/30/11	2/30/11	12/31/11	201112	3/31/12	3/31/12
Natural gas (bcf)	9.4	44.6	15.0	15.9	16.9	17.8	65.6	18.4	69.0
Natural Gas (mmcfd)	103.9	122	167	175	184	193	180	203	189
Days	90	365	90	91	92	92	365	91	366
Oil (mmb)	0.3	1.2	0.3	0.4	0.4	0.4	1.5	0.4	1.6
									4.2
Oil (mbd)	3.33	3.4	3.75	3.93	4.13	4.34	4.0	4.55	
Total gas & oil (bcf)	11.1	52.0	17.0	18.1	19.2	20.1	74.4	20.9	78.3
Total gas & oil (mbd)	20.6	23.7	31.5	33.1	34.8	36.5	34.0	38.3	35.7
Price									
Natural gas (\$/mcf)						1.00			
Henry Hub (US\$/mmbtu)	5.32	4.40	4.11	4.32	4.81	4.98	4.55	4.64	4.68
Currency (US\$/C\$)	0.96	0.98	1.01	1.02	1.02	1.02	1.02	1.02	1.02
Henry Hub (C\$/mmbtu)	5.53	4.50	4.05	4.23	4.71	4.87	4.46	4.55	4.59
Company (C\$/mcf)	5.71	4.36	4.05	4.23	4.71	4.87	4.48	4.55	4.60
Oil (\$/bbl)									
WTI Cushing (US\$)	78.67	79.43	94.10	103.62	100.05	101.37	99.79	99.70	101.19
WTI Cushing (C\$/bbl)	81.82	81.33	92.75	101.48	97.99	99.28	97.87	97.64	99.10
Company (C\$/bbl)	68.93	65.31	76.19	83.36	80.49	81.56	80.49	80.31	81.38
Total gas & oil (\$/mcf)	6.64	4.65	5.08	5.38	5.74	5.91	4.76	5.60	4.81
Revenue (\$mm)									
Natural Gas	53.4	194	60.8	67.3	79.6	86.5	294	83.8	317
Oil	20.7	81	25.7	29.8	30.6	32.5	119	33.3	126
Royalties	(9.2)	(33)	(9.9)	(14.6)	(16.5)	(17.9)	(59)	(17.6)	(67)
Total	64.9	242	76.5	82.6	93.6	101.2	354	99.5	377
Expense	7.8	34	10.4	14.9	16.9	18.2	60	17.9	68
Ebitda (\$mm)	57.1	208	66.2	67.7	76.8	83.0	294	81.6	309
Deprec., Deplet., & Amort.	20.4	94	29.3	29.3	29.3	29.3	117	29.3	117
Hedging and other	(3.7)	(12)	(9.9)	(8.8)	(7.3)	(6.7)	(33)	(7.8)	(31)
Ebit	40.4	127	46.7	47.2	54.8	60.4	209	60.1	222
Interest	4.4	20	4.6	4.6	4.6	4.6	18	4.6	18
Ebt	36.0	107	42.1	42.6	50.2	55.8	191	55.5	204
Income Tax	(0.9)	(16)	10.3	10.2	12.0	13.4	46	13.3	49
Net Income (\$mm)	36.9	122	31.8	32.4	38.1	42.4	145	42.2	155
Shares (millions)	115.2	120	132.7	132.7	132.7	132.7	133	132.7	133
Per share (\$)	0.32	1.02	0.24	0.24	0.29	0.32	1.09	0.32	1.17
Ebitda Margin - O&G	88%	86%	86%	82%	82%	82%	83%	82%	82%
Tax Rate	-3%	-14%	24%	24%	24%	24%	24%	24%	24%
Distribution (\$mm)	41	173	24 /0	24 /0	24/0	24 /0	96	24 /0	96
Per share (\$)	0.36	1.44	0.18	0.18	0.18	0.18	0.72	0.18	0.72



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					Cap Ene						
Debt, S	egmei	nts	, Cash I	flow, I	ncome ai	nd M	cDe	p Ratio	0		
			n ·								
Com	shal/Das		Price (US\$/sh)	EV/	Entounuigo	PV(9/1	EV/	Dist.	Dist.	
Syn		-			Enterprise		<u>70)</u>				M D
CD	B = 1	-	17-Jun	Market	Value	Nat	0:1	Ebitda	NTM	Yield	McDep
СВ	(see bel	OW)	2011	Сар	(\$mm)	Gas	Oil	NTM	(\$/un)	(%)	Ratio
Small Cap Independent Produce	re										
Peyto Exploration and Developmen		7	21.01	1.15	3,200	76	24	10.1	0.74	3.5	0.89
Range Resources	RRC	В	52.01	1.21	9,980	76	24	14.2	0.16	0.3	0.89
Birchcliff Energy Ltd.	BIREF		12.97	1.23	2,080	55	45	11.7	-	-	0.84
Berry Petroleum Company	BRY		46.19	1.57	3,910	26	74	8.1	0.30	0.6	0.84
Denbury Resources Inc.	DNR		18.77	1.31	9,780	6	94	7.3	- 0.50	-	0.80
Ultra Petroleum	UPL		45.04	1.25	8,710	92	8	10.6	_		0.79
Petrohawk Energy Corporation	HK	В	23.10	1.56	11,020	76	24	6.8	_		0.79
Cimarex Energy Company	XEC	CB		1.10	7,880	44	56	5.7	0.30	0.4	0.71
Whiting Petroleum Corporation	WLL	CB		1.25	7,960	11	89	5.9	-	-	0.65
Total or Median	WEE	CD	33.73	1.23	64,500	- 11	07	8.1			0.80
Total or mealan					04,500			0.1			0.00
Top Line Cash Payers											
Permian Basin RT	PBT		20.47	1.00	950	42	58		1.75	8.5	0.93
Cross Timbers Royalty Trust	CRT		41.75	1.00	250	87	13		3.06	7.3	0.93
Freehold Royalties Ltd.	FRHLF	7	20.12	1.07	1,260	18	82		1.72	8.5	0.92
Sabine Royalty Trust	SBR		62.52	1.00	910	51	49		4.96	7.9	0.89
Dorchester Minerals, L.P.	DMLP	CB		1.00	800	61	39		1.80	6.9	0.87
Total or Median	DIVIDI	-	20.00	1.00	4,200	01			1.00	7.9	0.92
Total of fizeatan					7,200					7.12	- 0.72
Bottom Line Cash Payers											
Linn Energy, LLC	LINE		36.89	1.43	8,600	35	65	12.4	2.64	7.2	1.06
Vanguard Natural Resources, LLC	VNR		26.90	1.73	1,590	26	74	11.9	2.28	8.5	1.00
Legacy Reserves L.P.	LGCY		27.91	1.44	1,750	19	81	10.0	2.12	7.6	1.00
Hugoton RoyaltyTrust	HGT	В	21.50	1.00	860	88	13	12.8	1.45	6.7	0.98
San Juan Basin Royalty Trust	SJT		23.11	1.00	1,080	100	-	13.1	1.50	6.5	0.92
Pengrowth Energy Corporation	PGH		12.35	1.42	5,700	30	70	8.2	0.86	7.0	0.91
Encore Energy Partners, L.P.	ENP		19.99	1.33	1,200	17	83	9.2	1.96	9.8	0.90
Enerplus Corporation	ERF	В	29.86	1.29	6,900	33	67	8.1	2.21	7.4	0.84
Mesa RoyaltyTrust	MTR		40.01	1.00	75	75	25	10.9	2.98	7.5	0.76
Total or Median					27,800			10.9		7.4	0.92
Composite											
Enterprise Value Weighting	İ				96,400	47	53				0.83
Equal Weighting						50	50				0.87
Equal Weighted Buys						52	48				0.82
CB=Contrarian Buy, Stock Price ap	parently	in c	lowntrend o	compared	to 200-day a	verage.					
McDep Ratio = Market cap and De	bt to p re	sent	value of o	il and gas	and other bus	sinesses	S.				



			le ISC-2					
McDep Inc	ome an	d Sı	nall Ca	p Ener	gy Port	folio		
Net P	resent \	Valu	e and l	McDep	Ratio			
			Price			Net		
			(\$/sh)		Market	Present	Debt/	
	Symbol/		17-Jun	Shares	Cap	Value	Present	McDep
	Ra	ting	2011	(mm)	(\$mm)	(\$/un)	Value	Ratio
Small Cap Independent Producers								
Peyto Exploration and Development Con	PEYUF		21.01	132.7	2,790	24.00	0.11	0.89
Range Resources	RRC	В	52.01	158.0	8,220	60.00	0.16	0.89
Birchcliff Energy Ltd.	BIREF	В	12.97	130.0	1,690	16.00	0.16	0.84
Berry Petroleum Company	BRY		46.19	54.0	2,490	60.00	0.30	0.84
Denbury Resources Inc.	DNR		18.77	397.0	7,450	25.00	0.19	0.80
Ultra Petroleum	UPL		45.04	154.0	6,940	60.00	0.16	0.79
Petrohawk Energy Corporation	HK	В	23.10	305.0	7,050	34.00	0.28	0.77
Cimarex Energy Company	XEC	CB	83.16	86.1	7,160	120.00	0.06	0.71
Whiting Petroleum Corporation	WLL	CB	53.95	118.0	6,370	90.00	0.13	0.65
Total or Median					50,160		0.16	0.80
T. 11. G. 1. D.								
Top Line Cash Payers	DDE		20.47	100	0.50	22.00		0.00
Permian Basin RT	PBT		20.47	46.6	950	22.00	-	0.93
Cross Timbers Royalty Trust	CRT		41.75	6.0	250	45.00	-	0.93
Freehold Royalties Ltd.	FRHLF		20.12	58.4	1,180	22.00	0.06	0.92
Sabine Royalty Trust	SBR	CD	62.52	14.6	910	70.00	-	0.89
Dorchester Minerals, L.P.	DMLP	CB	26.05	30.7	800	30.00	-	0.87
Total or Median					4,090			0.92
Bottom Line Cash Payers								
Linn Energy, LLC	LINE		36.89	163.0	6,010	34.00	0.32	1.06
Vanguard Natural Resources, LLC	VNR		26.90	34.2	920	27.00	0.42	1.00
Legacy Reserves L.P.	LGCY		27.91	43.5	1,210	28.00	0.31	1.00
Hugoton RoyaltyTrust	HGT	В	21.50	40.0	860	22.00	_	0.98
San Juan Basin Royalty Trust	SJT		23.11	46.6	1,080	25.00	_	0.92
Pengrowth Energy Corporation	PGH		12.35	326.0	4,030	14.00	0.27	0.91
Encore Energy Partners, L.P.	ENP		19.99	45.0	900	23.00	0.22	0.90
Enerplus Corporation	ERF	В	29.86	179.5	5,360	37.00	0.19	0.84
Mesa RoyaltyTrust	MTR		40.01	1.9	75	53.00	-	0.76
Total or Median					20,450			0.92
B=Buy; CB=Contrarian Buy, Stock Price								
McDep Ratio = M arket c ap and De bt to Present Value presumes long-term price								



		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			
				<i>j</i> = ,,				
			Price			Adjstd		
			(. ,	Revenue	Dist/	Resrvs/	PV/	EV
	Symbol/		17-Jun	Royalty	Equity	Prod	Ebitda	Ebitda
	Rai	ting	2011	(%)	Ebitda	NTM	NTM	NTM
Small Cap Independent Producers								
Range Resources	RRC	В	52.01		_	17.4	16.0	14.2
Birchcliff Energy Ltd.	BIREF	В	12.97		_	20.1	13.9	11.7
Ultra Petroleum	UPL	В	45.04		_	27.2	13.4	10.6
Peyto Exploration and Development Corp			21.01		0.35	15.6	11.4	10.0
Berry Petroleum Company	BRY		46.19		-	12.0	9.6	8.1
Denbury Resources Inc.	DNR		18.77		_	13.6	9.2	7.3
Petrohawk Energy Corporation	HK	В	23.10		-	6.0	8.9	6.8
Whiting Petroleum Corporation	WLL	CB	53.95		_	9.6	9.0	5.9
Cimarex Energy Company	XEC	CB	83.16		-	7.2	8.0	5.7
Median	ALC	СВ	03.10			13.6	9.6	8.1
Ton Line Coch Dovers								
Top Line Cash Payers	CDT		41.75	00	0.07	145	14.2	12.2
Cross Timbers Royalty Trust	CRT		41.75	80	0.97	14.5	14.2	13.2
Sabine Royalty Trust	SBR	CD	62.52	100	1.00	7.0	14.1	12.6
Dorchester Minerals, L.P.	DMLP	CB	26.05	77	0.84	7.1	13.9	12.1
Permian Basin RT	PBT		20.47	32	0.94	15.6	11.9	11.1
Freehold Royalties Ltd. Median	FRHLF		20.12	71	0.80	6.4 7.1	10.2	9.4 12.1
meutun						7.1	13.7	12.1
Bottom Line Cash Payers								
San Juan Basin Royalty Trust	SJT		23.11		0.85	9.1	14.2	13.1
Hugoton RoyaltyTrust	HGT	В	21.50		0.87	13.6	13.1	12.8
Linn Energy, LLC	LINE		36.89		0.91	17.5	11.7	12.4
Vanguard Natural Resources, LLC	VNR		26.90		1.01	13.2	12.0	11.9
Mesa RoyaltyTrust	MTR		40.01		0.80	14.3	14.3	10.9
Legacy Reserves L.P.	LGCY		27.91		0.76	12.0	10.0	10.0
Encore Energy Partners, L.P.	ENP		19.99		0.87	13.0	10.3	9.2
Pengrowth Energy Corporation	PGH		12.35		0.55	9.2	9.0	8.2
Enerplus Corporation	ERF	В	29.86		0.57	8.4	9.6	8.1
Median						13.0	11.7	10.9
B=Buy; CB=Contrarian Buy, Stock Price	apparent1	v in d	lowntrend	l 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					Stockii			
Top Line Cash Payers defined as those ha				ee fifth co	lumn from	right)		

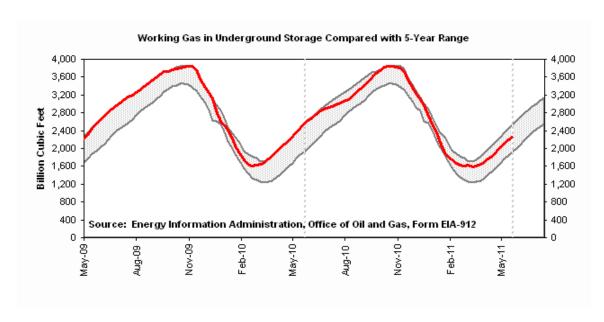


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Oil and (Gas Inc	om	e and S	Small C	ap Stoc	ks		
Rank by E					_			
Rum by L			value t	0 200 1	Juy IIVe	uge		
			Price					
			(\$/sh)		Enterpris	e Value/		
	Symbol/		17-Jun	52Wk	52Wk		200 Day	McDep
		ting	2011	High	Low	Avg.	Avg.	Ratio
Small Cap Independent Producers								
Birchcliff Energy Ltd.	BIREF	В	12.97	0.92	1.50	0.99	1.16	0.84
Peyto Exploration and Development C		В	21.01	0.94	1.53	1.01	1.10	0.89
Range Resources	RRC	В	52.01	0.89	1.46	0.98	1.09	0.89
Petrohawk Energy Corporation	HK	В	23.10	0.89	1.32	0.95	1.08	0.37
Berry Petroleum Company	BRY	ь	46.19	0.91	1.43	0.96	1.05	0.84
Ultra Petroleum	UPL		45.04	0.89	1.16	0.96	0.99	0.79
Denbury Resources Inc.	DNR		18.77	0.77	1.24	0.91	0.95	0.80
Whiting Petroleum Corporation	WLL	СВ	53.95	0.75	1.34	0.86	0.93	0.65
Cimarex Energy Company	XEC	CB	83.16	0.72	1.28	0.86	0.91	0.71
Median	1120	UD	00.10	0.89	1.34	0.96	1.05	0.80
Top Line Cash Payers				0.07	1107	0., 0	1100	0.00
Sabine Royalty Trust	SBR		62.52	0.89	1.36	0.95	1.04	0.89
Cross Timbers Royalty Trust	CRT		41.75	0.86	1.26	0.98	1.00	0.93
Freehold Royalties Ltd.	FRHLF		20.12	0.84	1.35	0.90	0.98	0.92
Permian Basin RT	PBT		20.47	0.86	1.20	0.97	0.96	0.93
Dorchester Minerals, L.P.	DMLP	СВ	26.05	0.87	1.10	0.94	0.96	0.87
Median				0.86	1.26	0.95	0.98	0.92
Bottom Line Cash Payers								
Hugoton RoyaltyTrust	HGT	В	21.50	0.87	1.19	0.94	1.01	0.98
Linn Energy, LLC	LINE		36.89	0.93	1.29	0.97	1.00	1.06
Enerplus Corporation	ERF	В	29.86	0.92	1.30	0.97	1.00	0.84
Legacy Reserves L.P.	LGCY		27.91	0.87	1.20	0.93	0.99	1.00
Pengrowth Energy Corporation	PGH		12.35	0.89	1.25	0.95	0.99	0.91
Vanguard Natural Resources, LLC	VNR		26.90	0.87	1.20	0.94	0.96	1.00
Encore Energy Partners, L.P.	ENP		19.99	0.83	1.19	0.91	0.95	0.90
San Juan Basin Royalty Trust	SJT		23.11	0.81	1.11	0.95	0.94	0.92
Mesa RoyaltyTrust	MTR		40.01	0.79	1.01	0.88	0.85	0.76
Median				0.87	1.20	0.94	0.99	0.92
CB=Contrarian Buy, Stock Price appar	onthuin d	xxmt	and somm	orad to 20	O dov over	90		
CD-Contratian buy, Stock Fifte appar	emry m de	wiiti	ena comp	areu 10 20	o-day avera	ge.		



Income and Small Cap Weekly

Analysis of Oil & Gas Stocks June 20, 2011 (for regular date June 17)



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