

Analysis of Oil & Gas Stocks November 16, 2012

Enerplus (ERF) Bakken Sleeper

Symbol	ERF	Ebitda Next Twelve Months ending 9/30/13 (US\$mm)	690
Rating	Contrarian Buy	North American Natural Gas/Ebitda (%)	18
Price (US\$/sh)	11.81	Natural Gas and Oil Production/Ebitda (%)	100
Pricing Date	11/15/12	Adjusted Reserves/Production NTM	6.3
Shares (mm)	196	EV/Ebitda	6.0
Market Capitalization (US\$mm)	2,310	PV/Ebitda	8.6
Debt (US\$mm)	1,770	Undeveloped Reserves (%)	16
Enterprise Value (EV) (US\$mm)	4,090	Natural Gas and Oil Ebitda (US\$/boe)	27.20
Present Value (PV) (US\$mm)	5,890	Present Value Proven Reserves(US\$/boe)	34.00
Net Present Value (US\$/share)	21	Oil and Gas Ebitda Margin (%)	61
Debt/Present Value	0.30	Earnings Next Twelve Months (US\$/sh)	0.24
McDep Ratio - EV/PV	0.69	Price/Earnings Next Twelve Months	49
Dividend Yield (%/year)	9.1	Indicated Annual Dividend (US\$/sh)	1.08
Note: Estimated cash flow and	d earnings tied to o	one-year futures prices for oil and natural gas.	
Reported results may va	ry widely from est	imates. Estimated present value per share revised only infred	quently.
Estimated present value	presumes a long-t	erm price for oil of US\$100 a barrel and natural gas, \$6 a mil	llion btu.

Summary and Recommendation

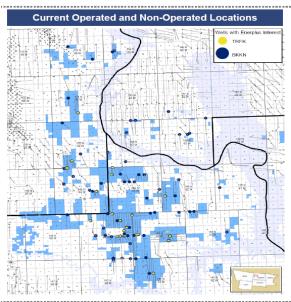
Estimated Net Present Value of \$21 a share looks stronger to us than the steep decline in stock price to \$12 for Contrarian Buy **Enerplus (ERF)** might suggest. Among its strengths, the company has doubled oil volume to 12 thousand barrels daily (mbd) in the past year in coveted lease rights on the Fort Berthold Indian reservation in North Dakota (see slide Fort Berthold Oil Growth on page 2). The Bakken shale and the Three Forks formation below it offer increasing promise of greater reserves and production (see slide Well Spacing on p2). Swooping in with a \$1.5 billion Bakken acquisition announced in recent weeks, independent producer **Halcón Resources** plans to move more rigs to the "more prolific Fort Berthold". Among larger companies in the past few months, ExxonMobil paid more than \$1.6 billion for the Bakken properties of **Denbury**. Elsewhere to the northwest, ERF has stable oil production of more than 16 mbd (see slide Low Decline Canadian Waterflood Assets on page 3). Though dampened by recent low commodity price, ERF has strong natural gas potential in Pennsylvania and in Canada's Montney and Duvernay (see slides Marcellus on page 3 and Deep Gas on page 4). The buildup in production from all properties remains close to our estimates from mid-year despite a slight reduction in management guidance when third quarter results were disclosed on November 9 (see tables <u>Functional Cash Flow and Present Value</u> on page 4 and Next Twelve Months Operating and Financial Results on page 5). Essentially, we see unusual long-term prospects in North Dakota and North American oil and gas at the same time investors appear to be giving away ERF stock. Such are the conditions that set up acquisition opportunities for corporate buyers to offer a premium to stock price and still get a bargain on resource values.

Kurt H. Wulff, CFA



Analysis of Oil & Gas Stocks November 16, 2012

Fort Berthold Leads the Charge in Oil Growth

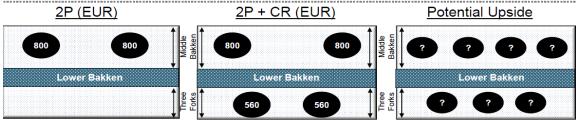


Key Facts									
Net Acreage (90% WI)	~70,000 (110 sections)								
2011 P+P Reserves	55.4 MMBOE								
2011 Contingent Res. Est.	49 MMBOE								
Future Drilling Locations	130+								
2012 Q3 Production	12,800 BOE/day								

- Concentrated, top tier land position in North Dakota - Bakken and Three Forks
- Average ~90% working interest
- Recent QEP Energy \$1.4 billion purchase of adjacent/overlapping Bakken acreage position indicates positive valuation comparison
- Production growth potential to over 20,000 BOE/day over next 3-4 years



Fort Berthold Well Spacing (1280 acres per drill spacing unit)



Estimated Recovery:

- 1.6 million bbls/DSU
- 13-18% recovery factor

Estimated Recovery:

- 2.7 million bbls/DSU
- 12-16% recovery factor
- CR estimate assumes land utilization of:
 - Bakken- 90%
 - Three Forks 35%

Early Learnings:

- Communication occurring between the Bakken and Three Forks during completion; potentially during production
- Bakken wells appear to outperform Three Forks contribution?
- 2 wells/DSU likely underdeveloped

Estimated Recovery:

- 3-4 million bbls/DSU
- up to 18% recovery factor

Bakken OOIP:

- 9 -12 million bbls/DSU Three Forks OOIP:
 - 8 -10 million bbls/DSU

enerplus



Analysis of Oil & Gas Stocks November 16, 2012

Low Decline Canadian Waterflood Assets

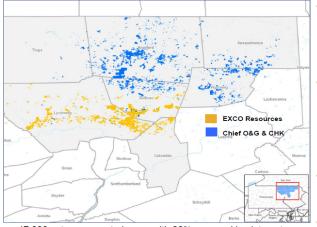


Key Facts	
OOIP*	~1.2 billion barrels (net)
P+P Reserves (YE 2011*)	82 million barrels net (26% recovery)
Recovery to date*	22%
Best Est. Contingent Resources*	53.5 million barrels
Average Oil Quality	30° API
Q3 2012 Production	~16,769 BOE/day

- Significant future drilling potential as well as enhanced oil recovery opportunities
- Moderate growth outlook of ~5% per year



Marcellus: Retaining Leases for Future Value Capture



- · 47,000 net non-operated acres with 20% avg. working interest
 - Major non-op partners:
 EXCO (22% WI)
 - Chief (18% WI)

- 2012 activity driven by focus on lease retention in non-operated counties – Bradford, Susquehanna and Lycoming
 - ~80% of drilling activity in 7-11 Bcf areas with IRRs of 15% - 30%*
- Expect to have close to 2/3 of core nonoperated acreage held by production by year-end
 - Reducing acreage positions in operated areas in Maryland and West Virginia
- Non-operated on-stream activities delayed due to weak natural gas prices resulting in lower than expected production
- November 2012 production ~48 MMcf/day, up 90% year to date



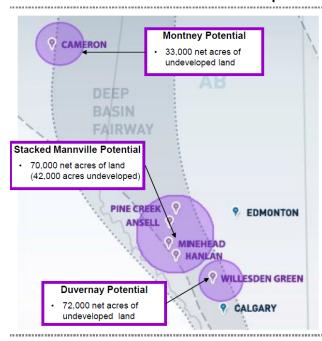
^{*} As at Dec. 31, 2011 and updated to reflect Manitoba asset sale transaction expected to close December 2012

^{*} Rates of return estimated using Oct 11, 2012 forward prices for NYMEX natural gas



Analysis of Oil & Gas Stocks November 16, 2012

An Abundance of Deep Gas Opportunity



- Approximately 175,000 net acres of high working interest land throughout the region
 - Includes 100% working interest in approximately 145,000 undeveloped acres
 - Multiple contiguous acreage blocks
 - · Potential liquids rich zones
- 2012 capital focused on delineation
 - Duvernay 1 vertical strat well
 - Montney 1 vertical strat
 - Stacked Mannville (Wilrich) 2 hz producers

Large, long tenure, high working interest land holdings



10

En	erplus Corpo	ration			
Functional	Cash Flow and	l Present V	alue		
				Present	
	NTM Ebitda	Adjusted	PV/	Value	
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	(US\$mm)	
North American Natural Gas	130	5.7	13.8	1,800	31%
Oil	560	6.9	7.3	4,070	69%
	690	6.3	8.5	5,870	100%
Debt (US\$mm)					1,770
Net Present Value (US\$mm)					4,100
Shares (mm)					196
Net Present Value - Standard Estimate (US\$/	sh)				21
NPV Approximation by Cash Flow Multiple I	Depending on R	eserve Life	(US\$/sh)		20



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

		Enerplus	Corporatio	n				
Next Tv					Stimates			
								Next
								Twelve
Q3	Q2	Q3	Q4E	Year	Q1E	Q2E	Q3E	Months
9/30/11	6/30/12	9/30/12	12/31/12	2012E	3/31/13	6/30/13	9/30/13	9/30/13
244	253	247	247	248	247	247	247	247
92	91	92	92	366	90	91	92	365
33	40	40	45	40.8	45	45	45	45.0
6.74	7.47	7.49	7.93	30.10	7.76	7.84	7.93	31.45
73.3	82.1	81.5	86.2	82.2	86.2	86.2	86.2	86.2
4.19	2.21	2.80	3.36	2.78	3.69	3.71	3.80	3.64
1.02	0.99	1.00	1.00	1.00	1.00	1.00	1.00	1.00
4.11	2.24	2.79	3.36	2.78	3.69	3.71	3.81	3.64
0.38	0.18	0.59	0.71	0.49	0.78	0.79	0.81	0.77
3.73	2.06	2.20	2.65	2.29	2.91	2.93	3.00	2.87
89.76	93.32	92.22	87.03	93.87	86.66	88.42	89.43	87.88
87.94	94.25	91.79	87.13	94.05	86.77	88.52	89.54	87.99
11.64	21.11	17.87	16.96	19.29	16.89	18.15	18.36	17.59
76.30	73.15	73.93	70.17	74.76	69.88	70.37	71.18	70.40
46.38	41.91	43.24	44.24	44.05	44.84	45.14	45.77	45.00
84	47	50	60	209	65	66	68	259
229	266	274	291	1,117		288	295	1,156
(56)		(65)						(284)
	_ ` /	` /	` '	. ,				1,131
				,				, -
74	81	94						
19		24						
93	102	118	110	423	109	111	114	445
164	149	141	170	638	169	172	176	686
							-	548
` /	_ ` /	` /	29	. ,	34	36	39	139
			-					76
								63
								16
						-		47
			-				-	0.24
								196
								212
								1.08
								61%
								25%
	9/30/11 244 92 33 6.74 73.3 4.19 1.02 4.11 0.38 3.73 89.76 87.94 11.64 76.30 46.38 84 229 (56) 257	Next Twelve Money Q3 Q2 9/30/11 6/30/12 244 253 92 91 33 40 6.74 7.47 73.3 82.1 4.19 2.21 1.02 0.99 4.11 2.24 0.38 0.18 3.73 2.06 89.76 93.32 87.94 94.25 11.64 21.11 76.30 73.15 46.38 41.91 84 47 229 266 (56) (62) 257 251 74 81 19 21 93 102 164 149 109 128 (106) (130) 160 151 11 17 149 134 37 33 112 100 <	Next Twelve Months Oper Q3 Q2 Q3 9/30/11 6/30/12 9/30/12 244 253 247 92 91 92 33 40 40 6.74 7.47 7.49 73.3 82.1 81.5 4.19 2.21 2.80 1.02 0.99 1.00 4.11 2.24 2.79 0.38 0.18 0.59 3.73 2.06 2.20 89.76 93.32 92.22 87.94 94.25 91.79 11.64 21.11 17.87 76.30 73.15 73.93 46.38 41.91 43.24 84 47 50 229 266 274 (56) (62) (65) 257 251 259 74 81 94 19 21 24 93 <	Next Twelve Months Operating and Figure 1 Q3 Q2 Q3 Q4E 9/30/11 6/30/12 9/30/12 12/31/12 244 253 247 247 92 91 92 92 33 40 40 45 6.74 7.47 7.49 7.93 73.3 82.1 81.5 86.2 4.19 2.21 2.80 3.36 1.02 0.99 1.00 1.00 4.11 2.24 2.79 3.36 0.38 0.18 0.59 0.71 3.73 2.06 2.20 2.65 89.76 93.32 92.22 87.03 87.94 94.25 91.79 87.13 11.64 21.11 17.87 16.96 76.30 73.15 73.93 70.17 46.38 41.91 43.24 44.24 84 47 50 60 229	Q3 Q2 Q3 Q4E Year 9/30/11 6/30/12 9/30/12 12/31/12 2012E 244 253 247 247 248 92 91 92 92 366 33 40 40 45 40.8 6.74 7.47 7.49 7.93 30.10 73.3 82.1 81.5 86.2 82.2 4.19 2.21 2.80 3.36 2.78 1.02 0.99 1.00 1.00 1.00 4.11 2.24 2.79 3.36 2.78 0.38 0.18 0.59 0.71 0.49 3.73 2.06 2.20 2.65 2.29 89.76 93.32 92.22 87.03 93.87 87.94 94.25 91.79 87.13 94.05 11.64 21.11 17.87 16.96 19.29 76.30 73.15 73.93 70.17	Next Twelve Months Operating and Financial Estimates Q3 Q2 Q3 Q4E Year Q1E 9/30/11 6/30/12 9/30/12 12/31/12 2012E 3/31/13 244 253 247 247 248 247 92 91 92 92 366 90 33 40 40 45 40.8 45 6.74 7.47 7.49 7.93 30.10 7.76 73.3 82.1 81.5 86.2 82.2 86.2 4.19 2.21 2.80 3.36 2.78 3.69 1.02 0.99 1.00 1.00 1.00 1.00 4.11 2.24 2.79 3.36 2.78 3.69 0.38 0.18 0.59 0.71 0.49 0.78 3.73 2.06 2.20 2.65 2.29 2.91 89.76 93.32 92.22 87.03 93.87 86.66	Next Twelve Months Operating and Financial Estimates Q3 Q2 Q3 Q4E Year Q1E Q2E 9/30/11 6/30/12 9/30/12 12/31/12 2012E 3/31/13 6/30/13 244 253 247 247 248 247 247 92 91 92 92 366 90 91 33 40 40 45 40.8 45 45 6.74 7.47 7.49 7.93 30.10 7.76 7.84 73.3 82.1 81.5 86.2 82.2 86.2 86.2 4.19 2.21 2.80 3.36 2.78 3.69 3.71 1.02 0.99 1.00 1.00 1.00 1.00 1.00 4.11 2.24 2.79 3.36 2.78 3.69 3.71 0.38 0.18 0.59 0.71 0.49 0.78 0.79 3.73 2.06 2.20 <td>Next Twelve Months Operating and Financial Estimates Q3 Q2 Q3 Q4E Year Q1E Q2E Q3E 9/30/11 6/30/12 9/30/12 12/31/12 2012E 3/31/13 6/30/13 9/30/13 244 253 247 247 248 247 247 247 92 91 92 92 366 90 91 92 33 40 40 45 40.8 45 45 45 6.74 7.47 7.49 7.93 30.10 7.76 7.84 7.93 3.3 82.1 81.5 86.2 82.2 86.2 86.2 86.2 4.19 2.21 2.80 3.36 2.78 3.69 3.71 3.80 1.02 0.99 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00</td>	Next Twelve Months Operating and Financial Estimates Q3 Q2 Q3 Q4E Year Q1E Q2E Q3E 9/30/11 6/30/12 9/30/12 12/31/12 2012E 3/31/13 6/30/13 9/30/13 244 253 247 247 248 247 247 247 92 91 92 92 366 90 91 92 33 40 40 45 40.8 45 45 45 6.74 7.47 7.49 7.93 30.10 7.76 7.84 7.93 3.3 82.1 81.5 86.2 82.2 86.2 86.2 86.2 4.19 2.21 2.80 3.36 2.78 3.69 3.71 3.80 1.02 0.99 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00



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

				Table IS							
McI	Dep In	co	me and	Small	Cap Ene	rgy I	Porti	folio			
Debt, Se	egmei	ıts	, Cash l	Flow, I	ncome a	nd M	cDe	p Rati)		
			Price								
Sym			(US\$/sh)	EV/	Enterprise	PV(<u>%)</u>	EV/	Dist.	Dist.	
	B = I			Market	Value	Nat		Ebitda	NTM	Yield	McDep
СВ	(see belo	ow)	2012	Сар	(\$mm)	Gas	Oil	NTM	(\$/un)	(%)	Ratio
Small Cap Independent Producer	rs.										
Range Resources	RRC	В	67.33	1.32	14,200	75	25	18.1	0.16	0.2	0.97
PDC Energy	PDCE		27.97	1.93	1,630	52	48	12.6	-	-	0.96
Peyto Exploration and Developmen	PEYUF	7	24.09	1.21	4,180	76	24	11.3	0.72	3.0	0.91
Birchcliff Energy Ltd.	BIREF			1.44	1,690	63	37	10.3	-	-	0.74
Continental Resources (32%)	CLR	CB		1.24	4,980	24	76	7.3	-	-	0.73
Halcón Resources	HK		5.70	1.55	3,860	13	87	7.2	_	-	0.67
Denbury Resources Inc.	DNR		14.32	1.57	8,820	6	94	5.9	_	-	0.62
Berry Petroleum Company	BRY		31.32	2.02	3,490	12	88	5.4	-	-	0.62
Cimarex Energy Company	XEC	CB		1.26	6,670	41	59	5.5	0.48	0.8	0.61
Whiting Petroleum Corporation	WLL	CB		1.42	7,230	9	91	4.9	-	-	0.57
Total or Median	W EL	CD	12.01	1.12	56,800		,,	7.3			0.70
Top Line Cash Payers											
Freehold Royalties Ltd.	FRHLF		21.01	1.05	1,430	16	84		1.68	8.0	1.00
Dorchester Minerals, L.P.	DMLP	CB		1.00	660	57	43		1.74	8.2	0.79
Sabine Royalty Trust	SBR		43.80	1.00	640	51	49		3.90	8.9	0.67
Permian Basin RT	PBT		12.69	1.00	590	37	63		1.08	8.5	0.63
Cross Timbers Royalty Trust	CRT		25.94	1.00	160	70	30		2.58	10.0	0.59
Total or Median					3,500					8.5	0.67
Bottom Line Cash Payers											
Linn Energy, LLC	LINE		36.91	1.67	14,390	43	57	12.9	2.90	7.9	1.13
Vanguard Natural Resources, LLC	VNR		24.93	1.69	2,240	33	67	11.3	2.40	9.6	1.00
Legacy Reserves L.P.	LGCY		23.74	1.52	1,710	25	75	9.2	2.26	9.5	0.85
Enduro Royalty Trust (40%)	NDRO		16.00	1.00	210	43	57	9.0	1.69	10.6	0.76
Enerplus Corporation	ERF	CB		1.77	4,100	31	69	6.0	1.08	9.1	0.69
San Juan Basin Royalty Trust	SJT	CB		1.00	590	100	-	8.3	1.15	9.1	0.60
Mesa RoyaltyTrust	MTR		22.06	1.00	41	75	25	8.9	1.95	8.8	0.55
Hugoton RoyaltyTrust	HGT		6.98	1.00	280	88	13	6.4	0.30	4.4	0.50
Total or Median					23,600			9.0		9.1	0.73
Composite											
•					02.000	20	(1				0.77
Enterprise Value Weighting					83,800	39	61				0.77
Equal Weighting						45 49	55				0.75
Equal Weighted Buys						49	51				0.71
CB=Contrarian Buy, Stock Price ap	parently	in c	downtrend	compared	to 200-day a	verage.					
McDep Ratio = \mathbf{M} arket \mathbf{c} ap and $\mathbf{D}\mathbf{e}$	bt to p re	sent	value of o	il and gas	and other bus	sinesses	s.				
								r natural g	gas.		
Present Value (PV) presumes long- Dist. = Income distribution. NTM =	term pri	ces	of \$100 a	barrel for	oil and \$6 a	million	btu fo			et Cap a	and D



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

		Tab	le ISC-2					
McDep Inco	ome an	d Sı	mall Ca	p Ener	gv Port	folio		
-				McDep				
				P				
			Price			Net		
			(\$/sh)		Market	Present	Debt/	
	Symbol/		15-Nov	Shares	Cap	Value	Present	МсДер
	-	ting	2012	(mm)	(\$mm)	(\$/un)	Value	Ratio
Small Cap Independent Producers								
Range Resources	RRC	В	67.33	160.0	10,770	70.00	0.23	0.97
PDC Energy	PDCE		27.97	30.2	840	30.00	0.46	0.96
Peyto Exploration and Development Cor	PEYUF		24.09	143.1	3,450	27.00	0.16	0.91
Birchcliff Energy Ltd.	BIREF	CB	7.93	149.0	1,180	12.00	0.22	0.74
Continental Resources (32%)	CLR	CB	68.71	58.6	4,020	100.00	0.14	0.73
Halcón Resources	HK		5.70	436.0	2,490	10.00	0.24	0.67
Denbury Resources Inc.	DNR		14.32	391.0	5,600	28.00	0.23	0.62
Berry Petroleum Company	BRY		31.32	55.3	1,730	70.00	0.31	0.62
Cimarex Energy Company	XEC	CB	60.77	86.9	5,280	110.00	0.13	0.61
Whiting Petroleum Corporation	WLL	CB	42.84	119.0	5,100	88.00	0.17	0.57
Total or Median					40,460		0.23	0.70
T I' C I D								
Top Line Cash Payers	EDITE E		21.01	1	1.070	21.00	0.05	1.00
Freehold Royalties Ltd.	FRHLF	CD	21.01	65.1	1,370	21.00	0.05	1.00
Dorchester Minerals, L.P.	DMLP	CB	21.34	30.7	660	27.00	-	0.79
Sabine Royalty Trust	SBR		43.80	14.6	640	65.00	-	0.67
Permian Basin RT	PBT		12.69	46.6	590	20.00	-	0.63
Cross Timbers Royalty Trust	CRT		25.94	6.0	160	44.00	-	0.59
Total or Median					3,420			0.67
Bottom Line Cash Payers								
Linn Energy, LLC	LINE		36.91	233.0	8,600	30.00	0.45	1.13
Vanguard Natural Resources, LLC	VNR		24.93	53.1	1,320	25.00	0.41	1.00
Legacy Reserves L.P.	LGCY		23.74	47.5	1,130	30.00	0.29	0.85
Enduro Royalty Trust (40%)	NDRO		16.00	13.2	210	21.00	- 0.27	0.76
Enerplus Corporation	ERF	СВ	11.81	196.0	2,310	21.00	0.30	0.69
San Juan Basin Royalty Trust	SJT	CB	12.67	46.6	590	21.00	- 0.50	0.60
Mesa RoyaltyTrust	MTR	CD	22.06	1.9	41	40.00	_	0.55
Hugoton RoyaltyTrust	HGT		6.98	40.0	280	14.00		0.50
Total or Median	1101		0.70	40.0	14,480	14.00		0.73
20.00 0. 1.200000					,			3.7.5
B=Buy; CB=Contrarian Buy, Stock Price	apparentl	y in c	lowntrend	compared	to 200-day	average.		
McDep Ratio = \mathbf{M} arket \mathbf{c} ap and $\mathbf{D}\mathbf{e}$ bt to								
Present Value presumes long-term price							gas.	
* PEYUF NPV rasied to \$27 from \$24	on Novem	iber 1	5 to take a	account of	strong per	formance	in third qu	arter 201
disclosed on November 8.								



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

		Tab	ole ISC-3	3				
McDep Inco	ome an	d S	mall C	ap Enei	rgy Por	tfolio		
Value	Multip	les	- Rank	by EV/	Ebitda			
	_							
			Price			Adjstd		
				Revenue	Dist/	Resrvs/	PV/	EV
	Symbol/		15-Nov	Royalty	Equity	Prod	Ebitda	Ebitda
	Ra	ting	2012	(%)	Ebitda	NTM	NTM	NTM
Small Cap Independent Producers								
Range Resources	RRC	В	67.33		_	13.9	18.7	18.1
PDC Energy	PDCE		27.97		_	9.9	13.1	12.6
Peyto Exploration and Development Corp			24.09		0.33	9.5	12.5	11.3
Birchcliff Energy Ltd.	BIREF	СВ	7.93		-	20.2	14.0	10.3
Continental Resources (32%)	CLR	CB	68.71		-	9.6	10.0	7.3
Halcón Resources	HK		5.70		-	6.7	10.7	7.2
Denbury Resources Inc.	DNR		14.32		-	13.2	9.5	5.9
Cimarex Energy Company	XEC	СВ	60.77		-	7.5	9.0	5.5
Berry Petroleum Company	BRY		31.32		-	11.7	8.8	5.4
Whiting Petroleum Corporation	WLL	CB	42.84		-	9.3	8.5	4.9
Median						9.7	10.4	7.3
Top Line Cash Payers								
Freehold Royalties Ltd.	FRHLF		21.01	73	0.91	5.3	11.4	11.4
Sabine Royalty Trust	SBR		43.80	100	1.00	7.6	16.6	11.2
Dorchester Minerals, L.P.	DMLP	СВ	21.34	77	0.90	6.9	13.9	11.0
Cross Timbers Royalty Trust	CRT		25.94	78	0.96	16.5	16.4	9.7
Permian Basin RT	PBT		12.69	52	0.70	9.5	13.0	8.3
Median						7.6	13.9	11.0
Bottom Line Cash Payers								
Linn Energy, LLC	LINE		36.91		1.11	14.0	11.5	12.9
Vanguard Natural Resources, LLC	VNR		24.93		1.08	13.2	11.3	11.3
Legacy Reserves L.P.	LGCY		23.74		0.81	11.0	10.8	9.2
Enduro Royalty Trust (40%)	NDRO		16.00		0.96	7.2	11.9	9.0
Mesa RoyaltyTrust	MTR		22.06		0.79	7.7	16.2	8.9
San Juan Basin Royalty Trust	SJT	CB	12.67		0.75	8.7	13.7	8.3
Hugoton RoyaltyTrust	HGT		6.98		0.28	13.5	12.9	6.4
Enerplus Corporation	ERF	CB	11.81		0.44	6.3	8.6	6.0
Median						9.9	11.7	9.0
B=Buy; CB=Contrarian Buy, Stock Price	apparentl	v in c	lowntrend	 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)		



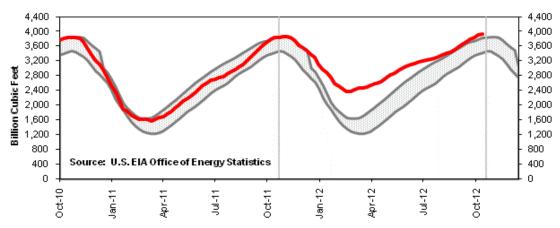
MCDEP Income and Small Cap Weekly Analysis of Oil & Gas Stocks

		Tal	ole ISC-4					
Oil and (Gas Inc	com	e and S	Small C	ap Stoc	ks		
Rank by E	nterpr	ise V	Value t	o 200 T)av Avei	rage		
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			Price					
			(\$/sh)		Enterpris	e Value/		
	Symbol/		15-Nov	52Wk	52Wk		200 Day	McDep
		ting	2012	High	Low	Avg.	Avg.	Ratio
Small Cap Independent Producers								
Peyto Exploration and Development C	PEYUF		24.09	0.92	1.48	1.00	1.17	0.91
Range Resources	RRC	В	67.33	0.93	1.20	0.99	1.05	0.97
Birchcliff Energy Ltd.	BIREF	CB	7.93	0.65	1.36	1.04	1.00	0.74
Cimarex Energy Company	XEC	CB	60.77	0.74	1.23	1.01	0.97	0.61
PDC Energy	PDCE		27.97	0.81	1.19	0.94	0.96	0.96
Whiting Petroleum Corporation	WLL	CB	42.84	0.74	1.13	0.95	0.93	0.57
Continental Resources (32%)	CLR	CB	68.71	0.75	1.10	0.92	0.91	0.73
Denbury Resources Inc.	DNR		14.32	0.76	1.06	0.93	0.91	0.62
Berry Petroleum Company	BRY		31.32	0.71	1.01	0.90	0.86	0.62
Halcón Resources	HK		5.70	0.54		0.87	0.74	0.67
Median				0.75	1.19	0.94	0.94	0.70
Top Line Cash Payers								
Freehold Royalties Ltd.	FRHLF		21.01	0.99	1.24	1.03	1.08	1.00
Dorchester Minerals, L.P.	DMLP	CB	21.34	0.80	1.07	0.96	0.94	0.79
Sabine Royalty Trust	SBR		43.80	0.65	1.01	0.87	0.80	0.67
Cross Timbers Royalty Trust	CRT		25.94	0.51	1.02	0.86	0.69	0.59
Permian Basin RT	PBT		12.69	0.55	1.06	0.86	0.69	0.63
Median				0.65	1.06	0.87	0.80	0.67
Bottom Line Cash Payers								
Linn Energy, LLC	LINE		36.91	0.92	1.04	0.94	0.97	1.13
Vanguard Natural Resources, LLC	VNR		24.93	0.89	1.05	0.92	0.94	1.00
Legacy Reserves L.P.	LGCY		23.74	0.85	1.02	0.89	0.90	0.85
Enerplus Corporation	ERF	СВ	11.81	0.57	1.02	0.83	0.79	0.69
San Juan Basin Royalty Trust	SJT	СВ	12.67	0.51	1.05	0.90	0.79	0.60
Hugoton RoyaltyTrust	HGT		6.98	0.31	1.22	1.03	0.71	0.50
Mesa RoyaltyTrust	MTR		22.06	0.49	1.08	0.88	0.69	0.55
Median				0.57	1.05	0.90	0.79	0.69



Analysis of Oil & Gas Stocks November 16, 2012

Working Gas in Underground Storage Compared with 5-Year Range



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