

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

November 18, 2002

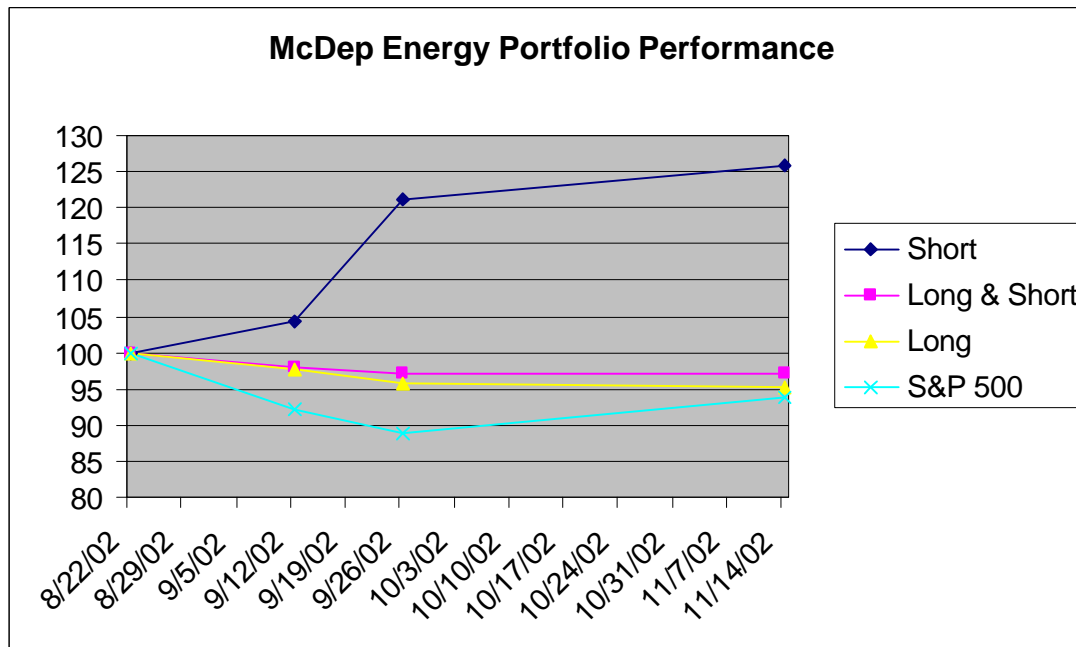
Favorable Performance with Exceptions

Summary and Recommendation

We can point to a favorable overall record in volatile markets at the same time we acknowledge some lagging recommendations. Yet taxable investors may create advantage out of volatility by selling a recommended stock that has not performed and replacing it with a similar recommended stock. Reviewing performance of the McDep Energy Portfolio for the past three months we see that sell recommendations gained more than 25% by going down sharply, while long positions held up better than the S&P 500 index in the market decline. The weak performers this year are the recommended U.S. integrated oils, **ChevronTexaco (CVX)**, **ConocoPhillips (COP)** and **Marathon (MRO)**. We see far better value in those stocks than in our sell recommendations by contrast. Thus, we reaffirm our recommendations in the McDep Energy Portfolio and present up-to-date weightings. Recommended issues are also flagged among 85 stocks ranked by McDep Ratio and cash flow multiple (see Tables L-1, L-2, M-1, M-2, S-1, S-2).

Shorts Beat Longs

Labeled "Short", sell recommendations lost more than 25% in the past three months (see Chart). We realize that most investors do not sell short.



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Buy recommendations, labeled “Long” held up better in the market decline. Blending short and long positions reduced portfolio risk even further.

The table in the next section updates our suggested weightings of current recommendations. The table converts Unlevered Positions into Equity Weights. We set unlevered positions according to judgmental criteria and then neutralize for leverage by owning more of low debt issues and less of high debt issues.

McDep Energy Portfolio: Position Weights

	<i>Symbol</i>	<i>Price (\$/sh) 14-Nov 2002</i>	<i>Market Cap/EV</i>	<i>Unlev Postn</i>	<i>Equity Weight</i>	<i>Sub Sector</i>	<i>Non- U.S.</i>
San Juan Basin Royalty Trust	SJT	13.30	1.00	1.00	13.9%	NANG	
XTO Energy Inc.	XTO	22.05	0.72	1.00	10.1%	NANG	
Encana Corporation	ECA	26.49	0.67	1.00	9.3%	NANG	X
Burlington Resources	BR	39.38	0.64	1.00	8.9%	NANG	
CNOOC Limited (19%)	CEO	25.94	1.00	0.50	7.0%	OIL	X
Canadian Oil Sands Trust (US\$)	COS_u.TC	21.64	0.79	0.50	5.5%	OIL	X
Energy Partners Ltd.(30%)	EPL	8.72	0.58	0.50	4.0%	OIL	
Royal Dutch/Shell	RD	43.74	0.81	1.00	11.2%	OILINT	X
ChevronTexaco Corporation	CVX	67.20	0.76	1.00	10.6%	OILINT	
ConocoPhillips	COP	48.24	0.56	1.00	7.8%	OILINT	
Marathon Oil Corporation	MRO	19.57	0.46	1.00	6.4%	OILINT	
PetroChina Company Ltd (10%)	PTR	19.19	0.76	0.50	5.3%	OILINT	X
	<i>Total</i>			10.0	100.0%		
El Paso Energy Partners	EPN	27.60	0.65	-0.50	-4.5%	INFRA	
Kinder Morgan, Inc.	KMI	38.00	0.40	-0.50	-2.8%	INFRA	
Kinder Morgan Energy Partners, L	KMP	33.00	0.72	-0.25	-2.5%	INFRA	
Kinder Morgan Management, LLC	KMR	29.40	0.70	-0.25	-2.4%	INFRA	
	<i>Total</i>			-1.50	-12.3%		

Marathon Cuts Forecast

Marathon’s stock price seemed to overreact when management announced that it expected oil and gas production to be flat rather than growing slightly for the next few years. We thought that was already evident when the third quarter was reported last month. Because Marathon’s cash flow multiple was already low enough we made no change in our estimate of present value.

More conservative volume forecasts are not just confined to Marathon. Most companies have to make changes from time to time. Oil company management commonly is too optimistic about its ability not only to replace normal decline, but also to generate actual

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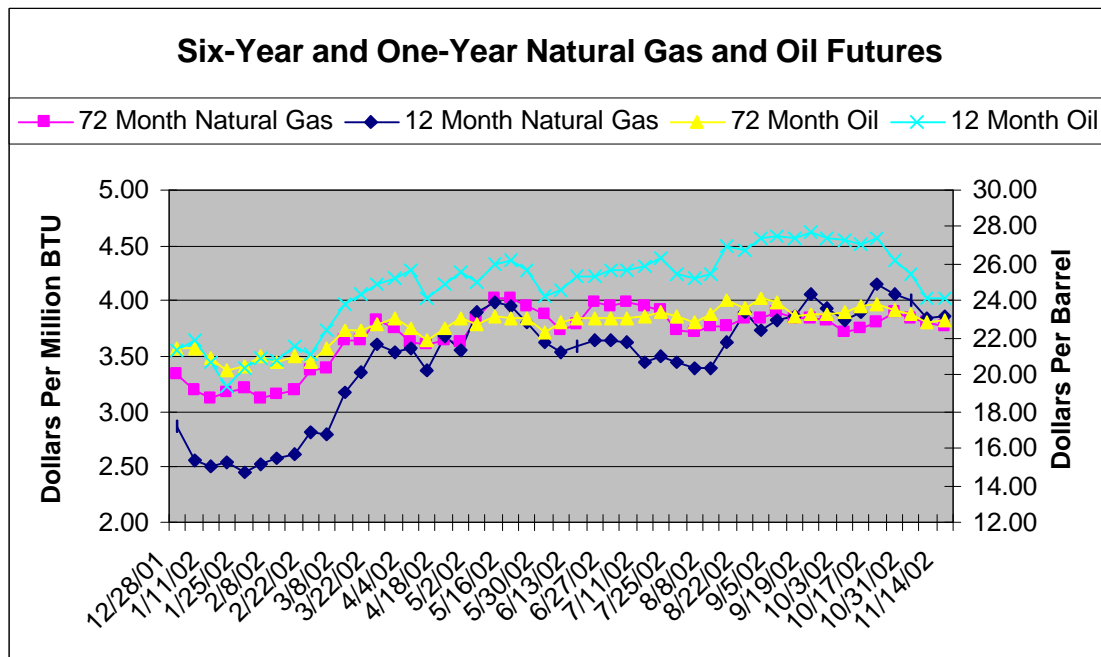
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growth. That is partly why oil is such a valuable commodity and why we value stocks primarily for the assets in hand. We would rather see production grow, but we do not think Marathon's stock price includes any anticipation of such growth. We are confident in the prospects for investment growth in rate of return terms, if not in physical volume.

We expect to make money on Marathon in the end, particularly from the current stock price. Marathon's performance is no worse than that of the stock market depending on the period of comparison. Within energy, Marathon's performance looks a lot like that of ConocoPhillips and ChevronTexaco, particularly if one neutralizes for leverage from highest to lowest, MRO, COP and CVX. Why have all three stocks underperformed our purer recommendations? The refining/marketing business is more volatile than exploration and production. In hindsight, perhaps we took the prospect of further downside too lightly when we initiated recommendations.

Investors also often seem to be concerned about oil price decline. That brings us to our final chart. Recent steep declines are behind us. The current short-term price appears normal as it is close to the long-term oil price signaled by the futures market (see Chart). Oil stocks are quite attractive, in our opinion, if the futures price materializes. The futures price might be a little high for a deflationary economy, but it is probably low if world growth is reasonable and certainly low for an inflationary economy.

Kurt H. Wulff, CFA



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Table L-1
Mega Cap and Large Cap Energy Companies
Rank by McDep Ratio: Market Cap and Debt to Present Value

	Symbol/ Rating	Price (\$/sh) 14-Nov 2002	Shares (mm)	Market Cap (\$mm)	Net Present Value (\$/sh)	Debt/ Present Value	McDep Ratio	
Mega Cap								
Exxon Mobil Corporation	XOM	34.50	6,787	234,000	36.00	0.09	0.96	
TotalFinaElf S.A.	TOT	69.68	1,346	93,800	90.00	0.14	0.81	
BP plc	BP	38.58	3,738	144,000	50.00	0.15	0.81	
Royal Dutch/Shell	RD	B	43.74	3,481	152,000	60.00	0.15	0.77
ChevronTexaco Corporation	CVX	B	67.20	1,063	71,400	101.00	0.17	0.72
<i>Total or Median</i>				<i>695,000</i>		<i>0.15</i>	<i>0.81</i>	
Energy Infrastructure								
Southern Company	SO	25.68	701	18,000	23.90	0.47	1.04	
American Electric Power Co. Inc.	AEP	N	26.85	326	8,800	27.40	0.74	1.00
Enel S.p.a. (32%)	EN	24.75	388	9,600	32.70	0.39	0.85	
Exelon Corporation	EXC	N	49.87	323	16,100	70.80	0.45	0.84
El Paso Corporation	EP	N	9.48	590	5,600	20.00	0.66	0.82
Dominion Resources	D	48.32	269	13,000	76.20	0.45	0.80	
Duke Energy Corporation	DUK	18.47	792	14,600	30.40	0.48	0.80	
<i>Total or Median</i>				<i>68,000</i>		<i>0.47</i>	<i>0.83</i>	
Natural Gas and Oil								
OAo Lukoil	LUKOY	66.30	299	19,800	70.00	0.08	0.95	
Occidental Petroleum Corp.	OXY	27.58	376	10,400	32.00	0.38	0.91	
Devon Energy	DVN	43.50	165	7,200	55.00	0.48	0.89	
ENI S.p.A.	E	71.20	776	55,300	85.00	0.18	0.87	
Anadarko Petroleum Corp.	APC	45.40	266	12,100	56.00	0.26	0.86	
Encana Corporation	ECA	B	26.49	470	12,500	35.00	0.28	0.83
Burlington Resources	BR	B	39.38	202	8,000	57.00	0.28	0.78
Unocal Corporation	UCL	27.60	245	6,800	45.00	0.33	0.74	
ConocoPhillips	COP	B	48.24	680	32,800	80.00	0.32	0.73
Marathon Oil Corporation	MRO	B	19.57	310	6,100	40.00	0.37	0.68
Petroleo Brasileiro S. A.	PBR	N	13.16	1,086	14,300	30.00	0.27	0.59
<i>Total or Median</i>				<i>166,000</i>		<i>0.30</i>	<i>0.80</i>	
Service								
Baker Hughes Inc.	BHI	30.28	339	10,300	25.00	0.09	1.20	
Schlumberger Ltd.	SLB	41.32	581	24,000	44.00	0.22	0.95	
Halliburton Company	HAL	17.73	432	7,700	20.00	0.21	0.91	

Buy/Sell rating after symbol: B - Buy, N - Neutral, S - Sell

McDep Ratio = Market cap and Debt to present value of oil and gas and other businesses

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Table L-2
Mega Cap and Large Cap Energy Companies
Rank by EV/Ebitda: Enterprise Value to Earnings Before Interest, Tax, Deprec.

	Symbol/ Rating		Price (\$/sh) 14-Nov 2002	EV/ Sales NTM	EV/ Ebitda NTM	P/E NTM	Dividend or Distribution NTM (%)	PV/ Ebitda NTM
Mega Cap								
Exxon Mobil Corporation	XOM		34.50	1.2	9.3	20	2.7	9.6
BP plc	BP		38.58	1.0	7.4	15	3.7	9.1
Royal Dutch/Shell	RD	B	43.74	1.0	7.3	17	3.9	9.5
TotalFinaElf S.A.	TOT		69.68	1.2	7.3	15	3.7	9.0
ChevronTexaco Corporation	CVX	B	67.20	0.9	6.5	15	4.2	9.0
		<i>Median</i>		<i>1.0</i>	<i>7.3</i>	<i>15</i>	<i>3.7</i>	<i>9.1</i>
Energy Infrastructure								
Southern Company	SO		25.68	3.2	9.4	15	5.2	9.0
American Electric Power Co. Inc.	AEP	N	26.85	0.6	9.0	9	8.9	9.0
Enel S.p.a. (32%)	EN		24.75	2.1	7.7	30	6.5	9.0
Exelon Corporation	EXC	N	49.87	2.3	7.5	11	3.5	9.0
Dominion Resources	D		48.32	3.0	7.2	10	5.3	9.0
Duke Energy Corporation	DUK		18.47	0.7	7.2	7	6.0	9.0
El Paso Corporation	EP	N	9.48	2.3	6.3	5	9.2	7.7
		<i>Median</i>		<i>2.3</i>	<i>7.5</i>	<i>10</i>	<i>6.0</i>	<i>9.0</i>
Natural Gas and Oil								
ConocoPhillips	COP	B	48.24	0.8	6.7	13	3.3	9.1
Devon Energy	DVN		43.50	3.0	6.6	44	0.5	7.4
Burlington Resources	BR	B	39.38	4.3	6.5	21	1.4	8.4
ENI S.p.A.	E		71.20	1.5	6.3	14	4.7	7.3
Anadarko Petroleum Corp.	APC		45.40	2.5	5.7	10	0.9	6.7
Occidental Petroleum Corp.	OXY		27.58	1.4	5.5	10	3.6	6.0
Marathon Oil Corporation	MRO	B	19.57	0.4	5.1	9	4.7	7.6
Encana Corporation	ECA	B	26.49	2.3	5.0	10	1.0	6.1
OAo Lukoil	LUKOY		66.30	1.7	4.6	9	1.6	4.9
Unocal Corporation	UCL		27.60	2.1	4.6	10	2.9	6.2
Petroleo Brasileiro S. A.	PBR	N	13.16	1.2	3.0	3	10.3	5.0
		<i>Median</i>		<i>1.7</i>	<i>5.5</i>	<i>10</i>	<i>2.9</i>	<i>6.7</i>
Service								
Baker Hughes Inc.	BHI		30.28	2.1	12.9	36	1.5	10.8
Halliburton Company	HAL		17.73	0.8	9.0	25	2.8	9.8
Schlumberger Ltd.	SLB		41.32	2.3	8.5	30	1.8	8.9

EV = Enterprise Value = Market Cap and Debt; Ebitda = Earnings before interest, tax, depreciation and amortization; NTM = Next Twelve Months Ended September 30, 2003; P/E = Stock Price to Earnings; PV = Present Value of oil and gas and other businesses

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Table M-1
Mid Cap Energy Companies
Rank by McDep Ratio: Market Cap and Debt to Present Value

	Symbol/ Rating		Price (\$/sh) 14-Nov 2002	Shares (mm)	Market Cap (\$mm)	Net Present Value (\$/sh)	Debt/ Present Value	McDep Ratio
Energy Infrastructure								
Kinder Morgan Energy Partners, L.P.	KMP	S	33.00	135	4,500	14.00	0.47	1.71
Kinder Morgan Management, LLC	KMR	S	29.40	40	1,200	14.00	0.47	1.58
Enterprise Products Part.	EPD		17.40	175	3,000	9.50	0.43	1.47
Kinder Morgan, Inc.	KMI	S	38.00	123	4,700	8.10	0.87	1.46
Constellation Energy Group	CEG		24.76	164	4,100	20.00	0.69	1.07
Calpine Corporation	CPN	N	3.06	375	1,200	1.00	0.97	1.06
Williams Companies	WMB		2.79	521	1,500	1.00	0.97	1.05
AES Corporation	AES		1.54	543	800	1.00	0.98	1.01
CMS Energy Corporation	CMS		8.24	137	1,100	8.70	0.90	0.99
Dynegy Inc.	DYN		0.82	418	300	1.00	0.94	0.99
Sempra Energy	SRE		21.88	207	4,500	24.30	0.64	0.97
Mirant Corporation	MIR		1.83	413	800	4.00	0.86	0.92
Valero Energy Corporation	VLO		31.99	115	3,700	40.00	0.60	0.92
<i>Total or Median</i>					<i>31,400</i>		<i>0.86</i>	<i>1.05</i>
Natural Gas and Oil								
Murphy Oil Corporation	MUR		78.88	46	3,600	82.00	0.18	0.97
Ocean Energy, Inc.	OEI		17.76	178	3,200	20.00	0.30	0.92
Petro-Canada	PCZ		28.05	262	7,400	31.00	0.11	0.92
Suncor Energy	SU		14.64	454	6,700	17.00	0.25	0.90
XTO Energy Inc.	XTO	B	22.05	124	2,700	26.00	0.25	0.88
Imperial Oil Limited (30%)	IMO		27.56	114	3,100	33.00	0.13	0.86
CNOOC Limited (19%)	CEO	B	25.94	78	2,020	33.00	-	0.78
Norsk Hydro ASA (49%)	NHY		39.18	126	4,900	54.00	0.18	0.77
PetroChina Company Ltd (10%)	PTR	B	19.19	176	3,400	30.00	0.17	0.70
<i>Total or Median</i>					<i>37,000</i>		<i>0.18</i>	<i>0.88</i>
Coal Producers (Small Cap)								
Penn Virginia Res. Part, L.P.	PVR		20.02	15	300	17.00	-	1.19
Consol Energy Inc.	CNX		11.98	79	1,000	5.00	0.88	1.16
Peabody Energy	BTU		25.03	55	1,400	18.00	0.75	1.10
Arch Coal	ACI		18.04	48	900	18.00	0.61	1.00
Alliance Res. Part, L.P.	ARLP		24.10	16	400	29.00	0.36	0.90
Fording Coal (US\$)	FDG		20.30	52	1,100	23.00	0.04	0.89
Massey Energy	MEE		8.21	75	600	18.00	0.37	0.66
					<i>5,700</i>		<i>0.37</i>	<i>1.00</i>

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Mid Cap Energy Companies
Rank by EV/Ebitda: Enterprise Value to Earnings Before Interest, Tax, Deprec.

			Price (\$/sh)	EV/ Sales	EV/ Ebitda	P/E	Dividend or Distribution	PV/ Ebitda
	Symbol/ Rating		14-Nov 2002	NTM	NTM	NTM	NTM (%)	NTM
Energy Infrastructure								
	EPD		17.40	1.6	16.2	38	7.2	11.0
	KMP	S	33.00	3.2	14.5	16	7.4	8.4
	KMR	S	29.40	2.9	13.3	15	8.3	8.4
	KMI	S	38.00	3.5	12.9	14	0.5	8.8
	CPN	N	3.06	1.8	10.8			10.2
	CEG		24.76	2.8	9.8	9	3.9	9.2
	WMB		2.79	1.9	9.4		-	9.0
	AES		1.54	2.7	9.1			9.0
	CMS		8.24	1.3	8.9	5	8.7	9.0
	DYN		0.82	0.2	8.9		-	9.0
	SRE		21.88	2.5	8.7	8	4.6	9.0
	MIR		1.83	0.4	8.3	1	-	9.0
	VLO		31.99	0.4	7.2	8	1.3	7.8
		<i>Median</i>		<i>1.9</i>	<i>9.4</i>	<i>9</i>	<i>3.9</i>	<i>9.0</i>
Natural Gas and Oil								
	SU		14.64	3.2	9.7	21	1.5	10.8
	MUR		78.88	0.9	7.8	37	1.9	8.0
	OEI		17.76	4.3	7.2	30	0.9	7.8
	IMO		27.56	1.1	7.0	13	2.0	8.1
	PCZ		28.05	1.7	6.7	17	0.9	7.4
	XTO	B	22.05	4.2	5.9	11	0.2	6.6
	CEO	B	25.94	3.5	4.5	9	2.4	5.7
	NHY		39.18	0.7	3.7	11	2.7	4.8
	PTR	B	19.19	1.5	3.5	7	6.6	5.1
		<i>Median</i>		<i>1.7</i>	<i>6.7</i>	<i>13</i>	<i>1.9</i>	<i>7.4</i>
Coal Producers (Small Cap)								
	PVR		20.02	9.5	13.1	15	10.0	11.0
	CNX		11.98	1.8	11.3	27	4.7	9.7
	BTU		25.03	1.5	9.8	21	1.6	9.0
	ACI		18.04	1.5	9.0	101	1.3	9.0
	FDG		20.30	1.8	8.0	18	1.9	9.0
	MEE		8.21	1.0	5.9	205	1.9	8.9
	ARLP		24.10	1.3	5.4	7	8.3	6.0
				<i>1.5</i>	<i>9.0</i>	<i>21</i>	<i>1.9</i>	<i>9.0</i>

EV = Enterprise Value = Market Cap and Debt; Ebitda = Earnings before interest, tax, depreciation and amortization; NTM = Next Twelve Months Ended September 30, 2003; P/E = Stock Price to Earnings; PV = Present Value of oil and gas and other businesses

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Small Cap Energy Companies
Rank by McDep Ratio: Market Cap and Debt to Present Value

	Symbol/ Rating	Price (\$/sh) 14-Nov 2002	Shares (mm)	Market Cap (\$mm)	Net Present Value (\$/sh)	Debt/ Present Value	McDep Ratio	
Energy Infrastructure								
El Paso Energy Partners	EPN	S	27.60	44.1	1,220	10.20	0.60	1.69
Enbridge Energy Partners,	EEP		38.15	31.0	1,180	16.60	0.58	1.54
Northern Border Partners	NBP		34.95	42.0	1,470	20.10	0.57	1.32
Plains All Amer. Pipeline	PAA		22.39	41.6	930	14.90	0.39	1.31
TEPPCO Partners, L.P.	TPP		26.40	50.0	1,320	17.70	0.56	1.22
AmeriGas Partners, L.P.	APU		23.34	49.0	1,140	23.50	0.47	0.99
Western Gas Resources	WGR		33.43	33.8	1,130	37.60	0.28	0.92
<i>Total or Median</i>					8,400		0.56	1.31
Natural Gas and Oil								
Dorchester Hugoton, Ltd.	DHULZ		13.10	10.7	141	11.60	(0.17)	1.15
Quicksilver Resources Inc.	KWK		22.95	19.4	450	19.00	0.44	1.12
Provident Energy Trust	PVX		6.65	36.0	240	6.00	0.33	1.07
Pogo Producing Company	PPP		34.85	64.5	2,250	35.00	0.23	1.00
Newfield Exploration Company	NFX		34.40	48.9	1,680	35.00	0.24	0.99
Enerplus Resources Fund	ERF		17.47	69.6	1,220	20.00	0.19	0.90
Penn Virginia Corporation	PVA		31.75	9.0	290	38.00	0.09	0.85
Unit Corporation	UNT		17.67	36.2	640	21.00	0.03	0.85
Encore Acquisition Corp. (25%)	EAC		16.55	7.0	116	21.00	0.20	0.83
Pengrowth Energy Trust	PGH		8.75	84.6	740	11.00	0.16	0.83
Southwestern Energy Company	SWN		11.20	25.6	290	17.00	0.44	0.81
Stone Energy Company	SGY		29.48	26.4	780	42.00	0.29	0.79
Forest Oil Corporation	FST	N	23.78	46.8	1,110	35.00	0.30	0.78
Magnum Hunter Resources, Inc.	MHR		5.26	71.5	380	11.00	0.46	0.72
Spinnaker Exploration Company	SKE		21.60	34.2	740	33.00	-	0.65
Canadian Oil Sands Trust (US\$)	COS_u.TO	B	21.81	57.3	1,250	40.00	0.12	0.60
Swift Energy Company	SFY		8.07	24.8	200	22.00	0.32	0.57
<i>Total or Median</i>					12,500		0.23	0.83
Natural Gas Royalty Trusts								
Cross Timbers Royalty Trust	CRT		17.92	6.0	108	19.70	-	0.91
San Juan Basin Royalty Trust	SJT	B	13.30	46.6	620	15.90	-	0.84
Hugoton RoyaltyTrust (46%)	HGT		11.30	18.4	210	15.30	-	0.74
Micro Cap								
Energy Partners Ltd.(30%)	EPL	B	8.72	8.3	72	10.00	0.38	0.92
Abraxas Petroleum Corporation	ABP		0.56	27.0	15	2.00	0.84	0.88
Purcell Energy, Ltd. (US\$)	PEL.TO	N	1.59	27.3	43	3.00	0.22	0.63

Buy/Sell rating after symbol: B - Buy, N - Neutral, S - Sell

McDep Ratio = Market cap and Debt to present value of oil and gas and other businesses

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Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

November 18, 2002

Table S-2
Small Cap Energy Companies
Rank by EV/Ebitda: Enterprise Value to Earnings Before Interest, Tax, Deprec.

	Symbol/ Rating		Price (\$/sh) 14-Nov 2002	EV/ Sales NTM	EV/ Ebitda NTM	P/E NTM	Dividend or Distribution NTM (%)	PV/ Ebitda NTM
Energy Infrastructure								
El Paso Energy Partners	EPN	S	27.60	8.3	15.7	33	9.8	9.3
Enbridge Energy Partners,	EEP		38.15	6.2	13.9	73	9.2	9.0
Northern Border Partners	NBP		34.95	7.5	11.9	15	9.2	9.0
Plains All Amer. Pipeline	PAA		22.39	0.2	11.8	16	9.2	9.0
TEPPCO Partners, L.P.	TPP		26.40	0.9	10.9	14	9.1	9.0
AmeriGas Partners, L.P.	APU		23.34	1.5	9.0	13	9.4	9.0
Western Gas Resources	WGR		33.43	0.7	8.3	19	0.6	9.0
	<i>Median</i>			<i>1.5</i>	<i>11.8</i>	<i>16</i>	<i>9.2</i>	<i>9.0</i>
Natural Gas and Oil								
Dorchester Hugoton, Ltd.	DHULZ		13.10	6.3	9.4	13	9.2	8.1
Quicksilver Resources Inc.	KWK		22.95	5.0	9.3	25	-	8.3
Enerplus Resources Fund	ERF		17.47	4.6	6.6	16	12.5	7.4
Forest Oil Corporation	FST	N	23.78	3.6	6.1	19	-	7.8
Magnum Hunter Resources, Inc.	MHR		5.26	2.9	5.9	15	-	8.3
Unit Corporation	UNT		17.67	3.0	5.6	12	-	6.6
Provident Energy Trust	PVX		6.65	3.2	5.6	39	24.0	5.2
Pengrowth Energy Trust	PGH		8.75	3.4	5.5	16	17.2	6.6
Pogo Producing Company	PPP		34.85	3.4	5.5	18	0.3	5.5
Encore Acquisition Corp. (25%)	EAC		16.55	3.7	5.4	11	-	6.5
Southwestern Energy Company	SWN		11.20	2.1	5.1	11	-	6.3
Penn Virginia Corporation	PVA		31.75	3.1	4.9	21	2.8	5.8
Canadian Oil Sands Trust (US\$)	COS_u.TO	B	21.81	3.0	4.7	5	5.8	7.9
Swift Energy Company	SFY		8.07	3.1	4.6	17	-	8.1
Newfield Exploration Company	NFX		34.40	3.0	4.3	14	-	4.4
Stone Energy Company	SGY		29.48	3.0	4.0	9	-	5.0
Spinnaker Exploration Company	SKE		21.60	3.1	3.6	13	-	5.5
	<i>Median</i>			<i>3.1</i>	<i>5.5</i>	<i>15</i>	<i>-</i>	<i>6.6</i>
Natural Gas Royalty Trusts								
Cross Timbers Royalty Trust	CRT		17.92	6.7	9.7	10	9.5	10.6
San Juan Basin Royalty Trust	SJT	B	13.30	5.9	7.5	10	10.0	9.0
Hugoton RoyaltyTrust (46%)	HGT		11.30	4.7	6.9	10	10.4	9.3
Micro Cap								
Abraxas Petroleum Corporation	ABP		0.56	4.2	6.1		-	6.9
Energy Partners Ltd.(30%)	EPL	B	8.72	2.9	5.7		-	6.1
Purcell Energy, Ltd. (US\$)	PEL.TO	N	1.59	3.5	5.4	13	-	8.5

EV = Enterprise Value = Market Cap and Debt; Ebitda = Earnings before interest, tax, depreciation and amortization; NTM = Next Twelve Months Ended September 30, 2003; P/E = Stock Price to Earnings; PV = Present Value of oil and gas and other businesses

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