A Weekly Analysis of Energy Stocks Using the McDep Ratio July 3, 2003

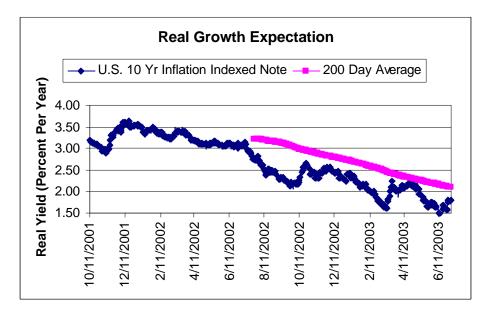
TIPS Auction Ahead

Summary and Recommendation

Investors who want to have part of their portfolio safe under almost any circumstances may wish to participate in the first auction of 2003 for U.S. Treasury Inflation Protection Securities on the tentative calendar for July 9. A new issue of Ten-Year TIPS would be priced on a real yield that continues to be in a downtrend implying capital appreciation potential and low expectations for real growth in the economy. The nominal yield on the conventional Ten-Year Note also continues in a downtrend. The difference between the real yield and the nominal yield measures inflation expectations that have leveled out on a flat trend. We expect inflation to be higher in the next decade as it usually has been during a period of free money when short-term interest rates are below the rate of inflation as they are now. In that event TIPS would provide valuable protection. We also expect the upward trend in six-year natural gas and oil futures to continue. A portfolio heavily represented in TIPS and low McDep Ratio, low ratio of debt energy stocks should be able to make money and to weather storm threats.

Real Yield on TIPS Trends Downward

The "on-the-run" issue of Ten-Year TIPS first auctioned a year ago has a coupon of 3%. In a measure of how much real yield has declined the past year, the new issue is likely to have a coupon under 2%, perhaps as low as 1.5% per year. A well defined downtrend is still underway as the latest quote of 1.8% remains below the 200 day average of 2.1% (see Chart).

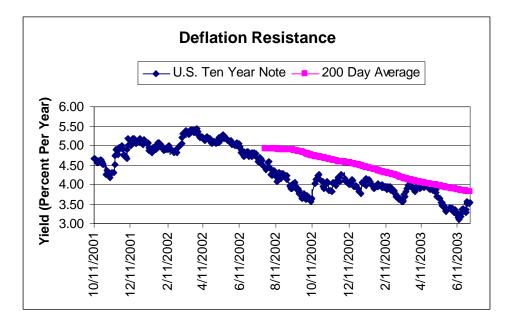


Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment analysis by Kurt Wulff doing business as McDep Associates is posted at <u>www.mcdep.com</u>. Mr. Wulff is not paid by covered companies. Neither he nor his spouse act contrary to a buy or sell rating.

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Nominal Yield Also Trends Downward

Despite prominent warnings of a bond bubble, the yield on the conventional Ten-Year Note also remains below its 200 day average (see Chart). On the basis of historical experience leading up to 1946, there could be further yield decline to 1%. Bond holders might have thought they were making money then as the price of the bond continued to increase. That was an illusion for buy and hold bond investors as actual ten-year inflation exceeded the nominal yield long before it declined to 1%. Applying that experience to today, the Ten-Year Note might still make money for traders for awhile, but buy and hold investors are likely to be disappointed by maturity.

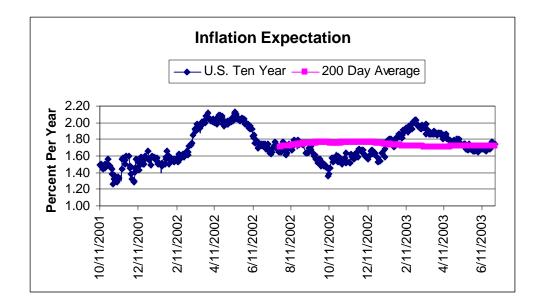


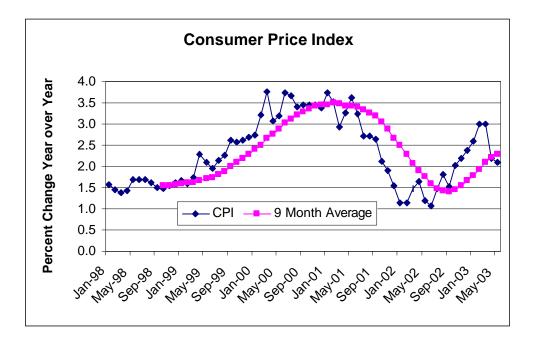
Inflation Expectation Flattens

The difference between real yield and nominal yield implies inflation expectation. After surging earlier in 2003, inflation expectation has flattened (see Chart). The current measure at about 1.7% per year is well below the historical norm for the last century near 3%. It is further below the 10%, 4% and 8% inflation of the previous free money periods of 1914-1918, 1933-1951 and 1970-1980. Investors who buy and hold TIPS would be protected from inflation. Those investors would also be largely protected in the event of deflation because the principal would still be repaid at par.

One-year inflation as measured by the Consumer Price Index is more volatile than tenyear inflation expectation. The CPI trend has also flattened for now (see Chart).

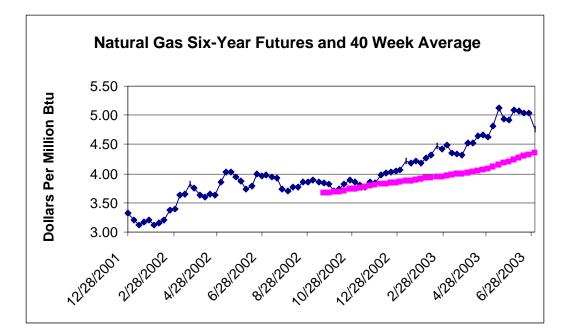
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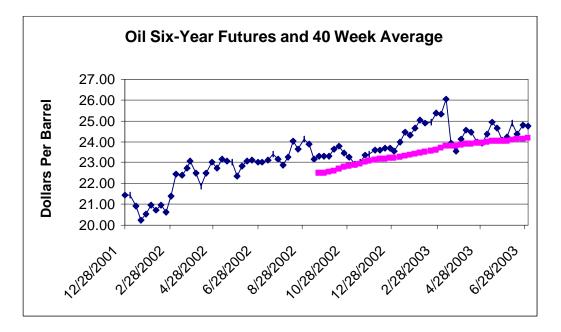


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Six-Year Natural Gas in Uptrend

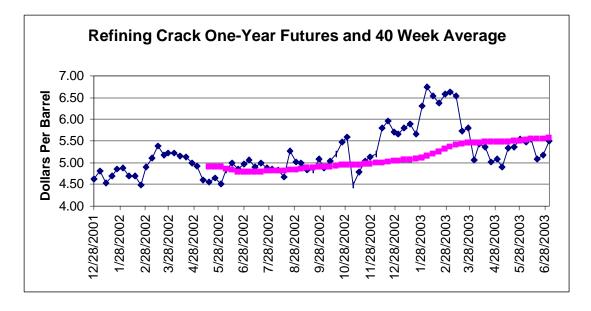


Six-Year Oil in Uptrend



A Weekly Analysis of Energy Stocks Using the McDep Ratio July 3, 2003

One-Year Refining Margin in Flat Trend



Kurt H. Wulff, CFA

A Weekly Analysis of Energy Stocks Using the McDep Ratio July 3, 2003

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

	Price			Net					
			(\$/sh)		Market	Present	Debt/		
	Symbol/	/	2-Jul	Shares	Cap	Value	Present	McDep	
	Re	ating	2003	(mm)	(\$mm)	(\$/sh)	Value	Ratio	
Mega Cap									
Exxon Mobil Corporation	XOM		36.28	6,714	244,000	35.00	0.09	1.03	
Total S.A.	TOT		75.71	1,292	97,800	85.00	0.17	0.91	
Royal Dutch/Shell	RD	В	46.69	3,473	162,000	55.00	0.18	0.88	
BP plc	BP		41.83	3,721	156,000	50.00	0.15	0.86	
ChevronTexaco Corporation	CVX	В	72.65	1,064	77,300	95.00	0.20	0.81	
Total or Median					737,000		0.17	0.88	
Producer/Refiners - Large Cap and		р							
Murphy Oil Corporation	MUR		51.51	92	4,760	41.00	0.26	1.19	
Imperial Oil Limited (30%)	IMO		34.30	113	3,890	36.00	0.12	0.96	
Petro-Canada	PCZ		39.45	265	10,450	45.00	0.19	0.90	
OAO Lukoil	LUKOY	[79.20	206	16,000	90.00	0.12	0.89	
Valero Energy Corporation	VLO		36.81	114	4,200	50.00	0.50	0.87	
Norsk Hydro ASA (49%)	NHY		49.00	126	6,190	60.00	0.28	0.87	
ConocoPhillips	COP	В	55.05	682	37,500	70.00	0.38	0.87	
ENI S.p.A.	E		74.43	750	55,800	90.00	0.14	0.85	
Suncor Energy	SU		18.80	476	8,950	25.00	0.14	0.79	
Marathon Oil Corporation	MRO	В	26.60	310	8,250	40.00	0.31	0.77	
Petroleo Brasileiro S. A.	PBR	Ν	19.94	1,096	21,900	30.00	0.25	0.75	
PetroChina Company Ltd (10%)	PTR	В	28.23	176	4,960	40.00	0.14	0.75	
Total or Median	ı				178,000		0.19	0.87	
Independent Natural Gas and Oil									
Pogo Producing Company	PPP		42.95	65	2,770	38.00	0.22	1.10	
Occidental Petroleum Corp.	OXY		34.00	383	13,000	35.00	0.38	0.98	
Encana Corporation	ECA	В	38.10	470	17,900	40.00	0.21	0.96	
Apache Corporation	APA		63.44	159	10,100	70.00	0.20	0.93	
Burlington Resources	BR	В	52.86	202	10,700	60.00	0.27	0.91	
Devon Energy	DVN		52.49	163	8,600	65.00	0.42	0.89	
XTO Energy Inc.	XTO	В	19.36	185	3,590	24.00	0.24	0.85	
CNOOC Limited (19%)	CEO	В	29.26	78	2,280	35.00	-	0.84	
Pioneer Natural Resources Company	PXD		25.95	119	3,090	35.00	0.33	0.83	
Anadarko Petroleum Corp.	APC	В	44.09	258	11,400	60.00	0.30	0.82	
Unocal Corporation	UCL		28.70	255	7,300	40.00	0.35	0.82	
Canadian Natural Resources Limited	CNQ		39.16	139	5,440	55.00	0.29	0.80	
Total or Median					96,000		0.28	0.87	
Service					-				
Baker Hughes Inc.	BHI		33.45	339	11,300	25.00	0.09	1.30	
Schlumberger Ltd.	SLB		48.15	581	28,000	44.00	0.22	1.07	
Halliburton Company	HAL		22.72	434	9,900	22.00	0.25	1.03	
1 5					, -				

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

A Weekly Analysis of Energy Stocks Using the McDep Ratio July 3, 2003

Table 1-2

Energy Producers

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

	Price Dividend o						idend or	
			(\$/sh)	EV/	EV/	Dis	tribution	PV/
	Symbol/		2-Jul	Sales	Ebitda	P/E	NTM	Ebitda
	Ra	iting	2003	NTM	NTM	NTM	(%)	NTM
Mega Cap								
Exxon Mobil Corporation	XOM		36.28	1.1	9.3	20	2.8	9.0
Total S.A.	TOT		75.71	1.0	7.7	15	4.6	8.5
BP plc	BP		41.83	0.8	7.1	17	3.6	8.3
Royal Dutch/Shell	RD	В	46.69	1.0	7.0	16	4.3	8.0
ChevronTexaco Corporation	CVX	В	72.65	0.9	6.6	13	3.9	8.1
Median				1.0	7.1	16	3.9	<i>8.3</i>
Producer/Refiners - Large Cap and	l Mid Cap							
Murphy Oil Corporation	MUR		51.51	1.5	8.9	28	1.6	7.5
ConocoPhillips	COP	В	55.05	0.6	7.2	13	2.9	8.3
Imperial Oil Limited (30%)	IMO		34.30	1.1	7.0	13	1.6	7.3
Suncor Energy	SU		18.80	2.3	6.2	11	0.7	7.9
Marathon Oil Corporation	MRO	В	26.60	0.4	4.9	11	3.5	6.3
Valero Energy Corporation	VLO		36.81	0.3	4.8	5	1.1	5.5
Norsk Hydro ASA (49%)	NHY		49.00	0.8	4.3	11	3.0	5.0
Petro-Canada	PCZ		39.45	1.3	4.3	10	0.8	4.7
ENI S.p.A.	E		74.43	1.6	4.1	9	5.8	4.9
OAO Lukoil	LUKOY		79.20	1.1	4.0	7	2.4	4.5
Petroleo Brasileiro S. A.	PBR	Ν	19.94	1.3	3.6	5	4.2	4.9
PetroChina Company Ltd (10%)	PTR	В	28.23	1.8	3.2	6	5.1	4.3
Median				1.2	4.5	11	2.7	5.2
Independent Natural Gas and Oil								
XTO Energy Inc.	XTO	В	19.36	5.0	7.4	15	0.2	8.7
Pioneer Natural Resources Company	PXD		25.95	4.9	6.8	20	-	8.2
Occidental Petroleum Corp.	OXY		34.00	2.5	6.7	11	3.1	6.8
Apache Corporation	APA		63.44	4.1	5.6	12	0.6	6.1
Pogo Producing Company	PPP		42.95	3.6	5.5	15	0.3	5.0
CNOOC Limited (19%)	CEO	В	29.26	3.7	5.5	13	3.6	6.6
Burlington Resources	BR	В	52.86	3.8	5.3	11	1.0	5.8
Anadarko Petroleum Corp.	APC	В	44.09	3.9	5.3	9	0.9	6.5
Unocal Corporation	UCL		28.70	2.0	5.0	12	2.8	6.2
Encana Corporation	ECA	В	38.10	2.1	4.4	10	0.8	4.5
Devon Energy	DVN		52.49	2.9	4.3	6	-	4.9
Canadian Natural Resources Limited	CNQ		39.16	2.1	3.4	6	1.1	4.3
Median				3.6	5.4	12	0.8	6.1
Service								
Baker Hughes Inc.	BHI		33.45	2.3	14.0	40	1.4	10.8
Schlumberger Ltd.	SLB		48.15	2.6	9.6	35	1.6	8.9
Halliburton Company	HAL		22.72	1.1	9.3	20	2.2	9.0

EV = Enterprise Value = Market Cap and Debt; Ebitda = Earnings before interest, tax, depreciationand amortization; NTM = Next Twelve Months Ended June 30, 2004; P/E = Stock Price toEarnings; PV = Present Value of oil and gas and other businesses

A Weekly Analysis of Energy Stocks Using the McDep Ratio July 3, 2003

Table 2-1 Energy Pipeline and Power Companies Rank by McDep Ratio: Market Cap and Debt to Present Value

	Symbo Rat		Price (\$/sh) 2-Jul 2003	Shares (mm)	Market Cap (\$mm)	Net Present Value (\$/sh)	Debt/ Present Value	McDep Ratio
Large Cap Power								
Duke Energy Corporation	DUK		19.47	832	16,200	16.00	0.69	1.07
Southern Company	SO		30.31	696	21,100	28.00	0.43	1.05
Exelon Corporation	EXC	Ν	60.35	325	19,600	65.00	0.51	0.96
American Electric Power Co. Inc.	AEP	Ν	29.80	348	10,400	35.00	0.60	0.94
Dominion Resources	D		64.28	294	18,900	76.00	0.44	0.91
Enel S.p.a. (32%)	EN		31.31	388	12,200	37.00	0.40	0.91
Mid Cap Pipeline and Power								
Kinder Morgan Energy Partners, L.P.	KMP	S	39.60	135	5,360	14.00	0.48	1.96
Kinder Morgan Management, LLC	KMR	S	37.49	46	1,730	14.00	0.48	1.88
Kinder Morgan, Inc.	KMI	S	54.44	123	6,700	14.00	0.80	1.57
Williams Companies	WMB		7.74	518	4,010	1.00	0.97	1.21
Constellation Energy Group	CEG		34.45	164	5,650	25.00	0.61	1.15
Calpine Corporation	CPN	Ν	6.66	381	2,540	1.00	0.98	1.13
AES Corporation	AES		6.95	558	3,880	1.00	0.98	1.12
Dynegy Inc.	DYN MIR		4.31 2.90	418 402	1,800	1.00 1.00	0.97 0.96	$1.10 \\ 1.07$
Mirant Corporation CMS Energy Corporation	CMS		2.90 7.99	402 139	$1,170 \\ 1,110$	5.00	0.96	1.07
Sempra Energy	SRE		28.73	206	5,920	30.00	0.93	0.98
El Paso Corporation	EP	Ν	8.03	200 589	4,700	10.00	0.39	0.98
-								
Small Cap Pipeline	EPD		22.00	29	((0)	6.70	0.62	1.00
Enterprise Products Part (16%) Plains All Amer. Pipeline	PAA		22.98 31.90	29 50	660 1,600	6.70 11.60	0.63 0.49	1.89 1.89
Enbridge Energy Partners, L.P.	EEP	S	48.87	30	1,000	14.90	0.49	1.89
Enbridge Energy Management, L.L.C		S	46.42	35	1,710	14.90	0.64	1.83
Gulfterra Energy Partners	GTM	S	38.20	55	2,100	14.90	0.04	1.62
TEPPCO Partners, L.P.	TPP	5	36.90	50	1,850	17.70	0.56	1.48
Williams Energy Partners	WEG		48.06	28	1,330	29.00	0.38	1.41
Northern Border Partners	NBP		41.92	44	1,840	20.40	0.62	1.39
AmeriGas Partners, L.P.	APU		26.92	49	1,330	18.30	0.51	1.23
Western Gas Resources	WGR		39.97	34	1,350	37.60	0.29	1.05
Coal								
Penn Virginia Res. Part, L.P.	PVR		29.15	15	450	18.00	-	1.63
Consol Energy Inc.	CNX		22.89	79	1,810	5.00	0.88	1.42
Peabody Energy	BTU		33.20	55	1,830	18.00	0.75	1.21
Alliance Res. Part, L.P.	ARLP		27.95	16	440	20.00	0.45	1.21
Arch Coal	ACI		22.83	48	1,090	18.00	0.61	1.11
Massey Energy	MEE		13.04	75	980	18.00	0.37	0.83
Total or Median					6,600		0.53	1.21

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

A Weekly Analysis of Energy Stocks Using the McDep Ratio July 3, 2003

Table 2-2

Energy Pipeline and Power Companies

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

			Price (\$/sh)	EV/	EV/		vidend or tribution	PV/
	Symbo		2-Jul	Sales	Ebitda	P/E	NTM	Ebitda
	Rat	ing	2003	NTM	NTM	NTM	(%)	NTM
Large Cap Power								
Duke Energy Corporation	DUK		19.47	2.4	9.6	14	5.6	9.0
Southern Company	SO		30.31	3.4	9.5	17	4.5	9.1
Exelon Corporation	EXC	Ν	60.35	2.7	8.7	12	3.0	9.0
Dominion Resources	D		64.28	3.5	8.2	14	4.0	9.0
Enel S.p.a. (32%)	EN		31.31	2.2	8.1	24	4.4	8.9
American Electric Power Co. Inc.	AEP	Ν	29.80	0.8	8.0	11	4.7	8.5
Mid Cap Pipeline and Power								
Kinder Morgan Energy Partners, L.P.	KMP	S	39.60	2.5	17.2	20	6.5	8.8
Kinder Morgan Management, LLC	KMR	S	37.49	2.4	16.5	19	6.8	8.8
Calpine Corporation	CPN	Ν	6.66	2.4	13.8	8	-	12.2
Dynegy Inc.	DYN	9	4.31	3.0	12.4	35	-	11.3
Kinder Morgan, Inc.	KMI	S	54.44	2.6	12.4	17	1.1	7.9
AES Corporation Williams Companies	AES WMB		6.95 7.74	3.7 3.6	11.3 10.0	20	- 0.5	10.1 8.3
Mirant Corporation	MIR		2.90	5.6 1.3	9.5	5	0.5	8.3 8.9
Constellation Energy Group	CEG		34.45	2.6	9.3	16	3.0	8.1
CMS Energy Corporation	CMS		7.99	1.1	9.1	10	-	8.7
Sempra Energy	SRE		28.73	2.2	8.6	10	3.5	8.7
El Paso Corporation	EP	Ν	8.03	2.4	6.7	5	2.0	6.9
Median				2.4	10.0	13	0.5	8.7
Small Cap Pipeline								
Enterprise Products Part (16%)	EPD		22.98	1.9	17.1		0.9	9.0
Plains All Amer. Pipeline	PAA	-	31.90	0.3	17.1	26	6.7	9.0
Enbridge Energy Partners, L.P.	EEP	S	48.87	2.2	16.5	37	7.4	9.0
Enbridge Energy Management, L.L.C	EEQ	S	46.42	2.1	15.9	35	7.8	9.0
Gulfterra Energy Partners TEPPCO Partners, L.P.	GTM TPP	S	38.20 36.90	5.4 1.1	14.6 13.3	24 19	7.1 6.5	9.0 9.0
Northern Border Partners	NBP		41.92	7.2	13.5	19	0.3 7.6	9.0 9.0
Williams Energy Partners	WEG		48.06	4.4	11.9	15	6.2	8.5
AmeriGas Partners, L.P.	APU		26.92	1.8	11.0	26	8.2	9.0
Western Gas Resources	WGR		39.97	0.7	7.7	17	-	7.4
Median				2.0	13.9	24	6.9	9.0
Coal								
Penn Virginia Res. Part, L.P.	PVR		29.15	10.8	14.0	16	6.9	8.6
Consol Energy Inc.	CNX		22.89	2.2	13.8	52	2.4	9.7
Peabody Energy	BTU		33.20	1.7	10.9	28	1.2	9.0
Arch Coal	ACI		22.83	1.6	10.0	22	1.0	9.0
Alliance Res. Part, L.P.	ARLP		27.95	1.3	8.5	23	7.2	7.0
Massey Energy Median	MEE		13.04	1.3 1.7	7.4 10.4	26	1.2 1.8	8.9 8.9
Mealan				1./	10.4	20	1.0	0.9

EV = Enterprise Value = Market Cap and Debt; Ebitda = Earnings before interest, tax, depreciationand amortization; NTM = Next Twelve Months Ended June 30, 2004; P/E = Stock Price toEarnings; PV = Present Value of oil and gas and other businesses

A Weekly Analysis of Energy Stocks Using the McDep Ratio July 3, 2003

Table 3-1 Independent Natural Gas and Oil Producers - Small Cap Rank by McDep Ratio: Market Cap and Debt to Present Value

			Price (\$/sh)		Market	Net Present	Debt/	
	Symbol/ Ra	ting	2-Jul 2003	Shares (mm)	Cap (\$mm)	Value (\$/sh)	Present Value	McDep Ratio
Short Life								
Dorchester Minerals, L.P.	DMLP		17.41	27.0	470	13.00	-	1.34
Spinnaker Exploration Company	SKE		26.33	33.8	890	25.00	-	1.05
Cimarex Energy Company	XEC		22.75	41.0	930	24.00	0.03	0.95
Southwestern Energy Company	SWN		15.74	36.0	570	17.00	0.30	0.95
Energy Partners Ltd.	EPL	В	11.20	36.8	412	12.00	0.22	0.95
Newfield Exploration Company	NFX		36.94	51.7	1,910	40.00	0.31	0.95
Stone Energy Company	SGY		42.08	26.5	1,120	46.00	0.27	0.94
Denbury Resources Inc.	DNR		13.50	55.0	740	15.00	0.29	0.93
Wesport Resources Corporation	WRC		22.70	68.0	1,540	30.00	0.29	0.83
Chesapeake Energy Corporation	CHK		9.92	220	2,180	14.00	0.38	0.82
Forest Oil Corporation	FST	Ν	25.03	48.2	1,210	35.00	0.33	0.81
St. Mary Land and Exploration Compar	n' SM		27.25	29.0	790	35.00	0.11	0.80
The Houston Exploraton Company	THX		33.96	31.0	1,050	45.00	0.16	0.79
Total or Median	ı				13,800		0.27	0.94
Long Life								
Ultra Petroleum Corp.	UPL		12.55	78.0	980	7.00	0.15	1.68
Unit Corporation	UNT		21.01	43.6	920	18.00	0.04	1.16
Quicksilver Resources Inc.	KWK		24.35	20.4	500	25.00	0.35	0.98
Penn Virginia Corporation	PVA		43.73	9.0	390	45.00	0.06	0.97
Evergreen Resources, Inc.	EVG		53.50	22.0	1,180	60.00	0.10	0.90
Magnum Hunter Resources, Inc.	MHR		8.00	69.0	550	11.00	0.45	0.85
Encore Acquisition Corp. (40%)	EAC	В	19.50	11.2	218	24.00	0.18	0.85
Swift Energy Company	SFY		10.94	27.2	300	16.00	0.43	0.82
Vintage Petroleum, Inc.	VPI		11.43	63.0	720	20.00	0.40	0.74
Total or Median	ı				5,800		0.18	0.90
Canadian Royalty Trusts								
Provident Energy Trust	PVX		8.29	63.5	530	6.00	0.25	1.29
Enerplus Resources Fund	ERF		23.60	75.0	1,770	20.00	0.16	1.15
Pengrowth Energy Trust	PGH		12.93	110.0	1,420	11.00	0.18	1.14
Canadian Oil Sands Trust (US\$)	COS_u.TO	В	26.14	79.5	2,080	45.00	0.17	0.65
Total or Median	ı				5,800		0.18	1.15
Natural Gas Royalty Trusts								
Cross Timbers Royalty Trust	CRT		24.20	6.0	145	21.50	-	1.12
Hugoton RoyaltyTrust (46%)	HGT		18.32	18.4	340	16.30	-	1.12
San Juan Basin Royalty Trust	SJT	В	17.86	46.6	830	18.90	-	0.94
Micro Cap								
Abraxas Petroleum Corporation	ABP		1.08	30.0	32	1.00	0.85	1.01
Purcell Energy, Ltd. (US\$)	PEL.TO	Ν	1.75	28.2	49	2.80	0.31	0.74

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

A Weekly Analysis of Energy Stocks Using the McDep Ratio July 3, 2003

Table 3-2

Independent Natural Gas and Oil Producers - Small Cap Rank by EV/Ebitda: Enterprise Value to Earnings Before Interest, Tax, Deprec.

			Price		Dividend o					
			(\$/sh)	EV/	EV/		tribution	PV/		
	Symbol/		2-Jul	Sales	Ebitda	P/E	NTM	Ebitda		
		Rating	2003	NTM	NTM	NTM	(%)	NTM		
Short Life										
Dorchester Minerals, L.P.	DMLP		17.41	7.9	9.8	13	9.2	7.3		
Forest Oil Corporation	FST		25.03	3.3	9.8 5.2	13	9.2	6.5		
Southwestern Energy Company	SWN		25.03 15.74	2.6	5.2	9	-	5.5		
Chesapeake Energy Corporation	CHK		9.92	3.3	5.0	10	1.2	6.1		
Wesport Resources Corporation	WRC		22.70	3.3	3.0 4.6	10	1.2	5.6		
Cimarex Energy Company	XEC		22.70	3.2	4.5	12	_	4.8		
Denbury Resources Inc.	DNR		13.50	3.2	4.3	9	-	4.8 4.6		
St. Mary Land and Exploration Compar			27.25	2.8	4.3	11	0.4	5.3		
Energy Partners Ltd.	EPL	В	11.20	2.8	4.3	11	- 0.4	5.5 4.5		
Stone Energy Company	SGY	D	42.08	3.0	4.0	8	_	4.2		
Spinnaker Exploration Company	SKE		26.33	3.0	4.0 3.5	11	-	4.2 3.3		
Newfield Exploration Company	NFX		20.33 36.94	2.6	3.3	6	_	3.5		
The Houston Exploration Company	THX		33.96	2.0	3.0	7	_	3.8		
Median			55.90	2.5 3.0	<i>4.3</i>	10	-	<i>3.8</i> <i>4.8</i>		
Long Life				5.0	7.5	10	-	7.0		
Ultra Petroleum Corp.	UPL		12.55	10.2	16.3	30	-	9.7		
Evergreen Resources, Inc.	EVG		53.50	6.1	8.6	14	-	9.5		
Unit Corporation	UNT		21.01	3.7	8.1	19	-	7.0		
Quicksilver Resources Inc.	KWK		24.35	4.2	6.1	10	-	6.2		
Swift Energy Company	SFY		10.94	3.5	5.3	13	-	6.5		
Penn Virginia Corporation	PVA		43.73	2.8	5.2	13	2.1	5.4		
Magnum Hunter Resources, Inc.	MHR		8.00	3.0	5.0	10	-	5.9		
Encore Acquisition Corp. (40%)	EAC	В	19.50	3.3	4.7	10	-	5.6		
Vintage Petroleum, Inc.	VPI		11.43	2.3	4.2	20	1.4	5.6		
Median				3.5	5.3	13	-	6.2		
Canadian Royalty Trusts										
Enerplus Resources Fund	ERF		23.60	4.8	6.2	9	12.8	5.4		
Pengrowth Energy Trust	PGH		12.93	4.0	6.0	13	16.7	5.3		
Canadian Oil Sands Trust (US\$)	COS_u.T	ОВ	26.14	3.0	5.0	5	5.5	7.7		
Provident Energy Trust	PVX		8.29	3.3	4.6	9	19.8	3.6		
Natural Gas Royalty Trusts										
Cross Timbers Royalty Trust	CRT		24.20	7.6	10.6	11	9.2	9.5		
Hugoton RoyaltyTrust (46%)	HGT		18.32	7.0 5.9	7.8	9	9.2 11.7	9.3 6.9		
San Juan Basin Royalty Trust	SJT	В	18.32	5.9 6.1	7.8 7.6	9	11.7	8.0		
San Juan Dasin Royalty 110st	22.1	D	17.00	0.1	7.0	7	11./	0.0		
Micro Cap										
Abraxas Petroleum Corporation	ABP		1.08	6.0	10.2		-	10.1		
Purcell Energy, Ltd. (US\$)	PEL.TO	Ν	1.75	3.3	4.6	10	-	6.2		

EV = Enterprise Value = Market Cap and Debt; Ebitda = Earnings before interest, tax, depreciationand amortization; NTM = Next Twelve Months Ended June 30, 2004; P/E = Stock Price toEarnings; PV = Present Value of oil and gas and other businesses