A Weekly Analysis of Energy Stocks Using the McDep Ratio May 22, 2003

Free Money

Summary and Recommendation

Free money implies favorable returns for energy resource stocks. The Federal Reserve appears to be providing the free money by managing interest rates below the rate of inflation. The U.S. Secretary of the Treasury appears to be promoting the flow of those free dollars globally by encouraging the devaluation of the U.S. currency. Though the goal apparently is to stimulate employment, a likely consequence is the depletion of the financial assets of savers. Ironically, natural gas and oil resources, traditionally considered to be depleting physically, may now be seen to be appreciating financially. Recent strength in recommended natural gas stocks **Encana (ECA)**, **Anadarko (APC)**, **Burlington Resources (BR)**, **XTO Energy (XTO)**, **San Juan Basin Royalty Trust (SJT)** and **Energy Partners (EPL)** might be just the beginning of the powerful reaction when free money meets real opportunity. Those and other buy and sell ideas are ranked among 97 stocks (see Tables 1-1, 1-2, 2-1, 2-2, 3-1, and 3-2).

Three Free Money Periods in the Past Century

Money was free from about 1914-1918, 1933-1951 and 1970-1980. Those were the times when the interest rate on Treasury Bills was negative after adjusting for inflation (see Figure 5-4 in *The Triumph of the Optimists*, Dimson, Marsh and Staunton, 2002). The real return on stocks was negative in the first period, positive in the second period and initially negative before turning positive in the third period (Fig. 4-2 DMS). The real return on bonds was negative in the first period, initially positive before turning negative in the second period and negative in the third period (Fig. 6-1 DMS).

The most consistently performing "asset class" during free money periods was inflation. The consumer price index appreciated 10% per year during 1914-1918, 4% per year, 1933-1951 and 8% per year, 1970-1980 (see *Meter Reader*, February 13, 2003).

Some goods and services appreciated more than others. Louisiana Natural Gas and Light Sweet Crude Oil both appreciated 23% per year over the eleven-year period 1970-1980 (see *Meter Reader*, December 23, 2002).

The current free money period started last year, 2002. The last of the rate reductions by the Federal Reserve took short-term interest levels below inflation. The new period seems well established and the outlook for energy resource investments appears bright.

Kurt H. Wulff, CFA

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

Symbol
Mega Cap Exxon Mobil Corporation XOM 35.79 6,714 240,000 35.00 0.09 1.02 BP plc BP 41.39 3,725 154,000 45.00 0.16 0.93 TotalFinaElf S.A. TOT 71.26 1,317 93,800 85.00 0.16 0.86 Royal Dutch/Shell RD B 44.92 3,473 156,000 55.00 0.18 0.85 ChevronTexaco Corporation CVX B 67.70 1,064 72,000 95.00 0.20 0.77 Total or Median Producer/Refiners - Large Cap and Mid Cap
Mega Cap Exxon Mobil Corporation XOM 35.79 6,714 240,000 35.00 0.09 1.02 BP plc BP 41.39 3,725 154,000 45.00 0.16 0.93 TotalFinaElf S.A. TOT 71.26 1,317 93,800 85.00 0.16 0.86 Royal Dutch/Shell RD B 44.92 3,473 156,000 55.00 0.18 0.85 ChevronTexaco Corporation CVX B 67.70 1,064 72,000 95.00 0.20 0.77 Total or Median Producer/Refiners - Large Cap and Mid Cap Vision of the color
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BP plc BP 41.39 3,725 154,000 45.00 0.16 0.93 TotalFinaElf S.A. TOT 71.26 1,317 93,800 85.00 0.16 0.86 Royal Dutch/Shell RD B 44.92 3,473 156,000 55.00 0.18 0.85 ChevronTexaco Corporation CVX B 67.70 1,064 72,000 95.00 0.20 0.77 Total or Median Producer/Refiners - Large Cap and Mid Cap
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Royal Dutch/Shell RD B 44.92 3,473 156,000 55.00 0.18 0.85 ChevronTexaco Corporation CVX B 67.70 1,064 72,000 95.00 0.20 0.77 Total or Median 716,000 0.16 0.86 Producer/Refiners - Large Cap and Mid Cap
ChevronTexaco Corporation CVX B 67.70 1,064 72,000 95.00 0.20 0.77 Total or Median 716,000 0.16 0.86 Producer/Refiners - Large Cap and Mid Cap
Total or Median 716,000 0.16 0.86 Producer/Refiners - Large Cap and Mid Cap
Producer/Refiners - Large Cap and Mid Cap
Murphy Oil Corporation MUR 49.16 93 4,550 41.00 0.24 1.15
Petro-Canada PCZ 37.36 264 9,840 38.00 0.20 0.99
Imperial Oil Limited (30%) IMO 32.90 113 3,730 36.00 0.12 0.92
Valero Energy Corporation VLO 38.70 114 4,410 50.00 0.50 0.89
ENI S.p.A. E 77.23 750 57,900 90.00 0.14 0.88
Suncor Energy SU 18.35 448 8,220 22.00 0.22 0.87
ConocoPhillips COP B 53.15 682 36,300 70.00 0.38 0.85
Norsk Hydro ASA (49%) NHY 42.94 126 5,430 60.00 0.26 0.79
OAO Lukoil LUKOY 67.66 206 14,000 90.00 0.12 0.78
PetroChina Company Ltd (10%) PTR B 23.62 176 4,150 33.00 0.16 0.76
Marathon Oil Corporation MRO B 24.35 310 7,550 40.00 0.31 0.73
Petroleo Brasileiro S. A. PBR N 19.12 1,086 20,800 30.00 0.25 0.73
Total or Median 172,000 0.22 0.85
Independent Natural Gas and Oil
Pogo Producing Company PPP 41.11 65 2,650 38.00 0.22 1.06
Occidental Petroleum Corp. OXY 32.03 383 12,300 35.00 0.36 0.95
Apache Corporation APA 63.41 159 10,100 70.00 0.20 0.93
Encana Corporation ECA B 35.56 470 16,700 40.00 0.21 0.91
XTO Energy Inc. XTO B 20.82 185 3,860 24.00 0.24 0.90
Burlington Resources BR B 51.13 202 10,300 60.00 0.27 0.89
Anadarko Petroleum Corp. APC B 49.17 258 12,700 60.00 0.30 0.87
Devon Energy DVN 51.10 163 8,300 65.00 0.42 0.87
Unocal Corporation UCL 28.90 255 7,400 40.00 0.35 0.82
Pioneer Natural Resources Company PXD 25.59 118 3,020 35.00 0.31 0.81
CNOOC Limited (19%) CEO B 27.29 78 2,130 35.00 - 0.78
Canadian Natural Resources Limited CNQ 37.80 139 5,250 55.00 0.29 0.78
Total or Median 80,000 0.28 0.87
Service
Baker Hughes Inc. BHI 31.90 339 10,800 25.00 0.09 1.25
Halliburton Company HAL 23.95 434 10,400 22.00 0.25 1.07
Schlumberger Ltd. SLB 47.50 581 27,600 44.00 0.22 1.06

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

McDep Ratio = \mathbf{M} arket \mathbf{c} ap and \mathbf{D} ebt to \mathbf{p} resent value of oil and gas and other businesses

A Weekly Analysis of Energy Stocks Using the McDep Ratio May 22, 2003

Table 1-2
Energy Producers
Rank by EV/Ebitda: Enterprise Value to Earnings Before Interest, Tax, Deprec.

	Price Dividend or							
			(\$/sh)	EV/	EV/	Dis	tribution	PV/
	Symbol/		21-May	Sales	Ebitda	P/E	NTM	Ebitda
	Ra	iting	2003	NTM	NTM	NTM	(%)	NTM
Mega Cap								
Exxon Mobil Corporation	XOM		35.79	1.1	9.7	21	2.8	9.5
BP plc	BP		41.39	0.9	7.6	26	3.5	8.2
TotalFinaElf S.A.	TOT		71.26	1.1	7.1	18	4.5	8.2
Royal Dutch/Shell	RD	В	44.92	1.0	7.1	16	4.1	8.3
ChevronTexaco Corporation	CVX	В	67.70	0.8	6.7	13	4.1	8.7
Median				1.0	7.1	18	4.1	8.3
Producer/Refiners - Large Cap and	Mid Cap							
ConocoPhillips	COP	В	53.15	0.6	7.4	14	3.0	8.7
Suncor Energy	SU		18.35	3.0	7.0	13	0.6	8.0
Murphy Oil Corporation	MUR		49.16	1.3	6.8	18	1.6	5.9
Imperial Oil Limited (30%)	IMO		32.90	1.0	6.4	12	1.7	6.9
Marathon Oil Corporation	MRO	В	24.35	0.4	4.9	12	3.8	6.7
Valero Energy Corporation	VLO		38.70	0.3	4.9	5	1.0	5.5
Petro-Canada	PCZ		37.36	1.5	4.5	9	0.7	4.6
ENI S.p.A.	E		77.23	1.7	4.2	9	5.5	4.8
Petroleo Brasileiro S. A.	PBR	N	19.12	1.4	4.1	7	7.1	5.7
OAO Lukoil	LUKOY		67.66	1.0	3.1	5	2.8	4.0
PetroChina Company Ltd (10%)	PTR	В	23.62	1.7	3.1	6	6.2	4.1
Norsk Hydro ASA (49%)	NHY		42.94	0.7	3.0	5	3.3	3.8
Median				1.2	4.7	9	2.9	5.6
Independent Natural Gas and Oil								
XTO Energy Inc.	XTO	В	20.82	5.2	7.6	15	0.2	8.4
Pioneer Natural Resources Company	PXD		25.59	4.7	7.5	23	-	9.2
Occidental Petroleum Corp.	OXY		32.03	2.4	5.8	10	3.2	6.2
Apache Corporation	APA		63.41	4.1	5.7	12	0.6	6.2
Burlington Resources	BR	В	51.13	3.8	5.4	12	1.1	6.1
Anadarko Petroleum Corp.	APC	В	49.17	4.0	5.4	9	0.8	6.2
CNOOC Limited (19%)	CEO	В	27.29	3.5	5.2	13	3.9	6.7
Unocal Corporation	UCL		28.90	2.0	5.2	13	2.8	6.3
Pogo Producing Company	PPP		41.11	3.3	5.1	13	0.3	4.7
Devon Energy	DVN		51.10	2.8	4.3	6	-	4.9
Encana Corporation	ECA	В	35.56	2.0	4.1	9	0.8	4.5
Canadian Natural Resources Limited	CNQ		37.80	2.1	3.4	6	1.1	4.3
Median				3.4	5.3	12	0.8	6.2
Service								
Baker Hughes Inc.	BHI		31.90	2.2	13.5	38	1.4	10.8
Halliburton Company	HAL		23.95	1.1	9.6	21	2.1	9.0
Schlumberger Ltd.	SLB		47.50	2.5	9.5	35	1.6	8.9

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

A Weekly Analysis of Energy Stocks Using the McDep Ratio May 22, 2003

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

	Symbo Rat		Price (\$/sh) 21-May 2003	Shares (mm)	Market Cap (\$mm)	Net Present Value (\$/sh)	Debt/ Present Value	McDep Ratio
		0		(' ' ' ' ' ' '	(, , , ,	(///		
Large Cap Power								
Southern Company	SO		29.45	696	20,500	28.00	0.43	1.03
Duke Energy Corporation	DUK		17.22	832	14,300	16.00	0.69	1.02
Enel S.p.a. (32%)	EN	3.7	33.81	388	13,100	37.00	0.40	0.95
Exelon Corporation	EXC	N	56.63	325	18,400	65.00	0.51	0.94
American Electric Power Co. Inc.	AEP	N	26.44	348	9,200	35.00	0.60	0.90
Dominion Resources	D		61.59	294	18,100	76.00	0.44	0.89
Mid Cap Pipeline and Power								
Kinder Morgan Energy Partners, L.P.	KMP	S	39.20	141	5,530	14.00	0.47	1.95
Kinder Morgan Management, LLC	KMR	S	35.35	40	1,400	14.00	0.47	1.81
Kinder Morgan, Inc.	KMI	S	48.00	123	5,880	14.00	0.80	1.50
Williams Companies	WMB		7.38	518	3,820	1.00	0.97	1.20
Constellation Energy Group	CEG		32.70	164	5,360	25.00	0.61	1.12
AES Corporation	AES		6.90	558	3,850	1.00	0.98	1.11
Dynegy Inc.	DYN		4.57	418	1,910	1.00	0.97	1.11
Calpine Corporation	CPN	N	4.79	381	1,820	1.00	0.98	1.09
Mirant Corporation	MIR		3.14	402	1,260	1.00	0.96	1.08
CMS Energy Corporation	CMS		6.85	139	950	5.00	0.93	1.03
El Paso Corporation	EP	N	7.60	589	4,500	10.00	0.79	0.95
Sempra Energy	SRE		25.91	206	5,340	30.00	0.59	0.94
Small Cap Pipeline								
El Paso Energy Partners	EPN	S	35.90	57	2,050	10.60	0.60	1.97
Enterprise Products Part (16%)	EPD	5	23.88	29	680	6.70	0.63	1.93
Plains All Amer. Pipeline	PAA		29.09	50	1,450	11.60	0.49	1.76
Enbridge Energy Partners, L.P.	EEP	S	45.44	35	1,590	14.90	0.64	1.74
Enbridge Energy Management, L.L.C	EEO	S	41.45	35	1,450	14.90	0.64	1.65
TEPPCO Partners, L.P.	TPP	_	33.45	50	1,670	17.70	0.56	1.39
Northern Border Partners	NBP		40.68	44	1,790	20.40	0.62	1.37
Williams Energy Partners	WEG		44.75	28	1,240	29.00	0.38	1.34
AmeriGas Partners, L.P.	APU		26.10	49	1,290	18.30	0.51	1.21
Western Gas Resources	WGR		39.33	34	1,330	37.60	0.29	1.04
Coal								
Penn Virginia Res. Part, L.P.	PVR		26.25	15	400	18.00	_	1.45
Consol Energy Inc.	CNX		20.23	79	1,700	5.00	0.88	1.43
Alliance Res. Part, L.P.	ARLP		26.31	16	420	20.00	0.45	1.18
Peabody Energy	BTU		30.41	55	1,670	18.00	0.45	1.17
Arch Coal	ACI		21.39	48	1,020	18.00	0.73	1.07
Massey Energy	MEE		12.84	75	960	18.00	0.37	0.82
Total or Median			12.04	15	6,200	10.00	0.53	1.17
Total of Median					0,200		0.55	1.1/

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

McDep Ratio = Market cap and **De**bt to **p**resent value of oil and gas and other businesses

A Weekly Analysis of Energy Stocks Using the McDep Ratio May 22, 2003

Table 2-2
Energy Pipeline and Power Companies
Rank by EV/Ebitda: Enterprise Value to Earnings Before Interest, Tax, Deprec.

			Price			Di	PV/	
	Symbol/		(\$/sh)	EV/	EV/	Dis		stribution
			21-May	Sales	Ebitda	P/E	NTM	Ebitda
	Rai	ing	2003	NTM	NTM	NTM	(%)	NTM
Large Cap Power								
Southern Company	SO		29.45	3.3	9.4	16	4.7	9.1
Duke Energy Corporation	DUK		17.22	2.3	9.2	12	6.4	9.0
Enel S.p.a. (32%)	EN		33.81	2.3	8.4	26	4.1	8.9
Exelon Corporation	EXC	N	56.63	2.6	8.4	11	3.2	9.0
Dominion Resources	D		61.59	3.5	8.0	13	4.2	9.0
American Electric Power Co. Inc.	AEP	N	26.44	0.8	7.6	10	5.3	8.5
Mid Cap Pipeline and Power								
Kinder Morgan Energy Partners, L.P.	KMP	S	39.20	3.5	16.9	20	6.4	8.7
Kinder Morgan Management, LLC	KMR	S	35.35	3.2	15.7	18	7.1	8.7
Calpine Corporation	CPN	N	4.79	2.3	13.3	6	-	12.2
Kinder Morgan, Inc.	KMI	S	48.00	3.6	13.3	15	1.3	8.9
Dynegy Inc.	DYN		4.57	3.0	12.5	37	-	11.3
AES Corporation	AES		6.90	3.7	11.3	20	-	10.1
Williams Companies	WMB		7.38	3.5	10.0		0.5	8.3
Mirant Corporation	MIR		3.14	1.3	9.6	5	-	8.9
Constellation Energy Group	CEG		32.70	2.5	9.0	15	3.2	8.1
CMS Energy Corporation	CMS		6.85	1.1	9.0	8	-	8.7
Sempra Energy	SRE		25.91	2.1	8.3	10	3.9	8.7
El Paso Corporation	EP	N	7.60	2.4	6.6	5	2.1	6.9
Median Small Cap Pipeline				2.5	10.0	12	0.5	8.7
El Paso Energy Partners	EPN	S	35.90	9.7	17.7	44	7.5	9.0
Enterprise Products Part (16%)	EPD	b	23.88	1.9	17.4		0.9	9.0
Plains All Amer. Pipeline	PAA		29.09	0.2	15.9	24	7.4	9.0
Enbridge Energy Partners, L.P.	EEP	S	45.44	2.1	15.7	34	7.9	9.0
Enbridge Energy Management, L.L.C	EEQ	S	41.45	1.9	14.8	31	8.7	9.0
TEPPCO Partners, L.P.	TPP		33.45	1.1	12.5	17	7.2	9.0
Northern Border Partners	NBP		40.68	7.1	12.4	15	7.9	9.0
Williams Energy Partners	WEG		44.75	4.2	11.4	14	6.7	8.5
AmeriGas Partners, L.P.	APU		26.10	1.7	10.9	25	8.4	9.0
Western Gas Resources	WGR		39.33	0.7	7.6	17	-	7.4
Median				1.9	13.7	24	7.5	9.0
Coal								
Consol Energy Inc.	CNX		21.57	2.2	13.5	49	2.6	9.7
Penn Virginia Res. Part, L.P.	PVR		26.25	9.6	12.5	14	7.6	8.6
Peabody Energy	BTU		30.41	1.6	10.5	25	1.3	9.0
Arch Coal	ACI		21.39	1.6	9.7		1.1	9.0
Alliance Res. Part, L.P.	ARLP		26.31	1.3	8.2	22	7.6	7.0
Massey Energy	MEE		12.84	1.3	7.3		1.2	8.9
Median				1.6	10.1	24	2.0	8.9

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

A Weekly Analysis of Energy Stocks Using the McDep Ratio May 22, 2003

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

	Symbol/ R	ating	Price (\$/sh) 21-May 2003	Shares (mm)	Market Cap (\$mm)	Net Present Value (\$/sh)	Debt/ Present Value	McDep Ratio
Short Life								
Dorchester Minerals, L.P.	DMLP		16.85	27.0	460	13.00	_	1.30
Newfield Exploration Company	NFX		38.50	51.7	1,990	40.00	0.31	0.97
Spinnaker Exploration Company	SKE		24.05	33.8	810	25.00	-	0.96
Energy Partners Ltd.	EPL	В	10.59	36.4	385	12.00	0.22	0.91
Southwestern Energy Company	SWN		14.68	36.0	530	17.00	0.30	0.90
Cimarex Energy Company	XEC		21.36	41.0	880	24.00	0.03	0.89
Stone Energy Company	SGY		39.11	26.5	1,040	46.00	0.27	0.89
Denbury Resources Inc.	DNR		11.71	55.0	640	15.00	0.29	0.84
Chesapeake Energy Corporation	CHK		10.16	220	2,240	14.00	0.38	0.83
Wesport Resources Corporation	WRC		22.45	68.0	1,530	30.00	0.29	0.82
St. Mary Land and Exploration Compar	; SM		26.95	29.0	780	35.00	0.11	0.80
Forest Oil Corporation	FST	N	24.25	48.2	1,170	35.00	0.33	0.79
The Houston Exploraton Company	THX		30.51	31.0	950	45.00	0.16	0.73
Total or Median					13,400		0.27	0.89
Long Life								
Ultra Petroleum Corp.	UPL		11.55	78.0	900	7.00	0.15	1.56
Unit Corporation	UNT		21.82	43.6	950	18.00	0.04	1.20
Quicksilver Resources Inc.	KWK		25.33	20.4	520	25.00	0.35	1.01
Penn Virginia Corporation	PVA		41.75	9.0	380	45.00	0.06	0.93
Evergreen Resources, Inc.	EVG		53.25	22.0	1,170	60.00	0.10	0.90
Encore Acquisition Corp. (25%)	EAC		18.50	7.0	130	24.00	0.19	0.82
Swift Energy Company	SFY		10.54	27.2	290	16.00	0.43	0.81
Magnum Hunter Resources, Inc.	MHR		6.75	69.0	470	11.00	0.45	0.79
Vintage Petroleum, Inc.	VPI		10.38	63.0	650	20.00	0.40	0.71
Total or Median					5,500		0.19	0.90
Canadian Royalty Trusts								
Provident Energy Trust	PVX		8.38	63.5	530	6.00	0.23	1.31
Enerplus Resources Fund	ERF		23.11	75.0	1,730	20.00	0.16	1.13
Pengrowth Energy Trust	PGH		11.47	110.0	1,260	11.00	0.16	1.04
Canadian Oil Sands Trust (US\$)	COS_u.TO) В	25.04	79.5	1,990	45.00	0.16	0.63
Total or Median					5,500		0.16	1.08
Natural Gas Royalty Trusts								
Cross Timbers Royalty Trust	CRT		23.70	6.0	142	22.10	-	1.07
Hugoton RoyaltyTrust (46%)	HGT		16.78	18.4	310	16.60	-	1.01
San Juan Basin Royalty Trust	SJT	В	17.00	46.6	790	19.30	-	0.88
Micro Cap								
Abraxas Petroleum Corporation	ABP		0.90	30.0	27	1.00	0.85	0.98
Purcell Energy, Ltd. (US\$)	PEL.TO	N	1.83	31.2	57	2.80	0.26	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 May 22, 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			Di	vidend or	
			(\$/sh)	EV/	EV/	Dis	stribution	PV/
	Symbol/		21-May	Sales	Ebitda	P/E	NTM	Ebitda
		ting	2003	NTM	NTM	NTM	(%)	NTM
		Ü					. ,	
Short Life								
Dorchester Minerals, L.P.	DMLP		16.85	7.7	9.5	12	9.5	7.3
Forest Oil Corporation	FST		24.25	3.5	5.7	18	-	7.2
Chesapeake Energy Corporation	CHK		10.16	3.6	5.3	11	1.2	6.4
Southwestern Energy Company	SWN		14.68	2.6	5.2	10	-	5.8
Wesport Resources Corporation	WRC		22.45	3.5	4.9	14	-	5.9
Cimarex Energy Company	XEC		21.36	3.2	4.7	13	-	5.3
St. Mary Land and Exploration Company	y SM		26.95	2.9	4.5	13	0.4	5.7
Energy Partners Ltd.	EPL	В	10.59	2.6	4.4		-	4.8
Denbury Resources Inc.	DNR		11.71	2.9	4.0	8	-	4.8
Stone Energy Company	SGY		39.11	2.9	3.9	8	-	4.4
Newfield Exploration Company	NFX		38.50	2.7	3.5	7	-	3.6
Spinnaker Exploration Company	SKE		24.05	3.1	3.5	12	-	3.6
The Houston Exploraton Company	THX		30.51	2.5	3.0	7	-	4.1
Median				2.9	4.5	12	-	5.3
Long Life								
Ultra Petroleum Corp.	UPL		11.55	10.8	17.7	35	-	11.4
Evergreen Resources, Inc.	EVG		53.25	6.7	9.6	17	-	10.7
Unit Corporation	UNT		21.82	4.0	9.1	23	-	7.6
Quicksilver Resources Inc.	KWK		25.33	4.6	6.8	12	-	6.8
Swift Energy Company	SFY		10.54	3.7	5.7	18	-	7.0
Encore Acquisition Corp. (25%)	EAC		18.50	3.6	5.5	13	-	6.8
Penn Virginia Corporation	PVA		41.75	2.8	5.3	14	2.2	5.7
Magnum Hunter Resources, Inc.	MHR		6.75	3.0	5.2	11	-	6.5
Vintage Petroleum, Inc.	VPI		10.38	2.3	4.4	43	1.5	6.2
Canadian Royalty Trusts								
Enerplus Resources Fund	ERF		23.11	5.5	7.3	12	12.4	6.5
Canadian Oil Sands Trust (US\$)	COS_u.TO	В	25.04	3.5	6.6	7	5.6	10.5
Pengrowth Energy Trust	PGH	D	11.47	4.1	6.2	14	16.5	6.0
Provident Energy Trust	PVX		8.38	3.9	5.7	12	18.5	4.3
23								
Natural Gas Royalty Trusts								
Cross Timbers Royalty Trust	CRT		23.70	6.8	9.4	10	10.2	8.8
Hugoton RoyaltyTrust (46%)	HGT		16.78	5.0	6.5	7	13.9	6.4
San Juan Basin Royalty Trust	SJT	В	17.00	5.3	6.4	7	13.8	7.3
Micro Cap								
Abraxas Petroleum Corporation	ABP		0.90	6.5	11.8		_	12.0
Purcell Energy, Ltd. (US\$)	PEL.TO	N	1.83	3.1	4.2	8	-	5.6
r arcon Energy, Eta. (Obφ)		14	1.03	3.1	7.2	U	=	5.0

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