Meter Reader A Weekly Analysis of Energy Stocks Using the McDep Ratio June 10, 2008

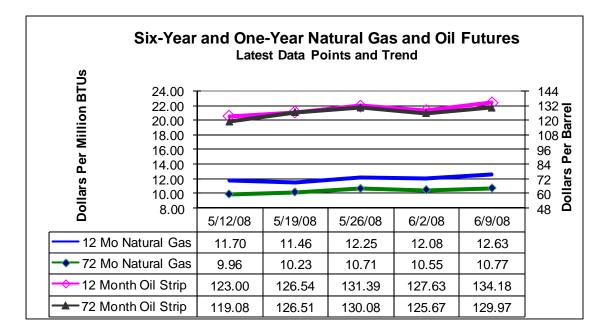


# NASDAQ 5000, Oil 500

### **Summary and Recommendation**

Current oil futures price of \$130 for the next six years looks sustainable in a long-term context in the vein of our vision of \$150 a barrel in 2010. At some point, oil price may peak at some ridiculous level, as we know in hindsight that the NASDAQ Composite stock price index peaked above 5000 in early 2000 only to trade at half that level today. Regardless, stock prices reflect oil price much lower. McDep Ratios, currently set up so that a ratio of 1.00 presumes a long-term oil price of \$100, offer perspective. Pure upstream producers may be priced for oil at \$86 a barrel judging from a McDep Ratio of 0.86 for the median of 20 large cap producers, small cap producers and income producers. Integrated producers with upstream and downstream operations may be priced for oil at \$73 a barrel judging from a McDep Ratio of 0.73 for the median of both the mega cap and the large cap groups (see table, page 2, <u>Rank by McDep Ratio</u>). Rather than agonize about oil price, thoughtful investors ought to buy the lowest McDep recommendations up to suggested weightings not only by company, but also by functional concentration on natural gas and oil, industry sub group, and geographic/political domicile (see table, page 4, Composite of Buy Recommendations). Buys outside the U.S. that look timely include **PetroChina (PTR)**, Gazprom (OGZPY) and StatoilHydro(STO).

Kurt H. Wulff, CFA



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Oil and Gas Producers - Rank by McDep Ratio								
			Price			Net		
			(US\$/sh)		Market	Present	Debt/	
	Symbol/		9-Jun	Shares	Cap	Value	Present	McDep
	-	ating	2008	(mm)	(US\$mm)	(US\$/sh)	Value	Ratio
Mega Cap						(		
Petrobras	PBR		69.00	4,387	302,700	75.00	0.10	0.93
Chevron Corporation	CVX	В	101.20	2,206	223,000	135.00	0.08	0.77
Exxon Mobil Corporation	XOM	B	89.07	5,362	478,000	118.00	0.05	0.77
Royal Dutch Shell plc	RDS-A	B	84.48	3,106	262,000	120.00	0.10	0.73
BP plc	BP	В	70.60	3,146	222,000	104.00	0.16	0.73
Total S.A.	TOT	В	85.70	2,254	193,000	125.00	0.10	0.72
ConocoPhillips	COP	В	95.24	1,582	151,000	150.00	0.17	0.70
Gazprom (50%)	OGZPY	В	57.90	2,940	170,200	88.00	0.09	0.69
Total or Median				· · ·	2,002,000		0.10	0.73
Producer/Refiners - Large Cap					<b>, ,</b>			
Imperial Oil Limited (30%)	IMO	В	59.64	272	16,210	65.00	0.05	0.92
Suncor Energy	SU	B	68.44	946	64,740	75.00	0.08	0.92
StatoilHydro ASA (29%)	STO	B	38.66	928	35,880	52.00	0.12	0.77
Marathon Oil Corporation	MRO	H	50.62	717	36,290	75.00	0.18	0.73
Petro-Canada	PCZ	B	57.95	488	28,280	90.00	0.10	0.68
PetroChina Company Ltd (14%)	PTR	B	134.60	256	34,480	220.00	0.04	0.63
Lukoil Oil Company	LUKOY	B	104.50	826	86,000	170.00	0.01	0.62
Total or Median		-			302,000		0.08	0.73
Independent Natural Gas and Oil -	Large Ca	D			,			
CNOOC Limited (34%)	CEO	H	172.21	152	26,220	180.00	_	0.96
Encana Corporation	ECA	В	93.67	753	70,500	100.00	0.18	0.95
EOG Resources	EOG	B	131.89	250	33,000	140.00	0.05	0.95
Canadian Natural Resources	CNQ	B	103.48	540	55,900	124.00	0.03	0.86
Anadarko Petroleum Corp.	APC	B	79.50	470	37,400	100.00	0.27	0.85
Chesapeake Energy Corporation	СНК	-	60.08	493	29,620	80.00	0.28	0.82
XTO Energy Inc.	XTO	В	67.72	504	34,130	88.00	0.15	0.80
Occidental Petroleum Corp.	OXY	B	93.56	828	77,500	120.00	0.05	0.79
Devon Energy Corporation	DVN	B	119.25	449	53,500	170.00	0.10	0.73
Total or Median	DIII		117.25		418,000	170.00	0.16	0.85
Independent Natural Gas and Oil -	Small Ca	n			,10,000		0110	0100
Encore Acquisition Company	EAC	В	74.91	54	4,040	75.00	0.25	1.00
Birchcliff Energy Ltd. (US\$)	BIR.TO		13.65	112	1,530	14.00	0.09	0.98
Berry Petroleum Company	BRY	В	56.34	45	2,550	65.00	0.20	0.89
Cimarex Energy Company	XEC	B	72.57	85	6,180	100.00	0.07	0.74
Energy Partners Ltd.	EPL	-	15.82	32	500	30.00	0.35	0.69
Total or Median	212		10.02		14,800	20.00	0.20	0.89
Income					1,,000		0.20	0.07
Kinder Morgan Energy Partners, L.P	КМР	S	58.95	189	11,150	17.00	0.57	2.07
Kinder Morgan Management, LLC	KMR	S	55.95	65	3,640	17.00	0.57	1.99
San Juan Basin Royalty Trust	SJT	B	43.54	47	2,030	48.00		0.91
Pengrowth Energy Trust	PGH	Ĕ	20.42	247	5,040	24.00	0.25	0.91
Canadian Oil Sands Trust	COSWF	В	49.59	479	23,750	57.00	0.04	0.89
Hugoton Royalty Trust	HGT	B	34.03	40	1,360	42.00		0.80
Penn West Energy Trust	PWE	B	33.29	367	12,210	45.00	0.23	0.80
Enerplus Resources Fund	ERF	-	46.94	153	7,180	63.00	0.14	0.30
Total or Median		-		155	66,400	05.00	0.14	0.78
B = Buy, S = Sell, H = Hold					50,700		5.17	0.00
Present Value = Shares times Net Present Value divided by (1-Debt/Present Value).								
Debt = Present Value times Debt/Pres					in value).			
$\frac{Debt}{McDep Ratio} = Market cap and Debt$			of oil and	oas and o	ther husinesse	s		
							a million	htu
Estimated present value presumes a long-term price for oil of US\$100 a barrel and natural gas, \$14 a million btu.								

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Oil and G	as Pro	duc	ers - Ra	nk by H	E <b>V/Ebit</b>	tda		
			D :	A 1' 1				D' 1
			Price (US\$/sh)	Adjustd Resrvs/	PV/	EV/		Divd or Distrik
	C1 1/		, ,			E V/ Ebitda	D/E	
	Symbol/	41.00	9-Jun 2008	Prod NTM	Ebitda NTM	NTM	P/E NTM	NTN
Maga Can	Ka	ting	2008	IN I M	IN I M	IN I IVI	INTIM	(%
Mega Cap	OGZPY	В	57.00	24.6	12.0	8.2	13	0.8
Gazprom (50%) Petrobras	PBR	D	57.90 69.00	10.4	8.3	7.7	13	1.2
	XOM	В	89.00	10.4		4.9	13	1.2
Exxon Mobil Corporation Chevron Corporation	CVX	ь В	101.20	9.4	6.4 5.8	4.9	8	2.6
Total S.A.	TOT	B	85.70	9.4	6.2	4.4	7	3.8
BP plc	BP	B	70.60	9.0	5.9	4.4	7	4.6
Royal Dutch Shell plc	RDS-A	B	84.48	7.5	5.5	4.0	7	3.8
ConocoPhillips	COP	B	95.24	10.7	5.8	4.0	6	2.0
Median	COF	D	95.24	10.7	6.0	4.0	7	2.0
Producer/Refiners - Large Cap				10.2	0.0	4.4	/	2.5
Imperial Oil Limited (30%)	IMO	В	59.64	13.9	8.0	7.4	12	0.6
Suncor Energy	SU	B	68.44	21.2	7.7	7.4	12	0.0
StatoilHydro ASA (29%)	STO	B	38.66	7.7	5.8	4.5	8	4.3
Marathon Oil Corporation	MRO	H	50.62	8.3	5.5	4.0	7	4.3
PetroChina Company Ltd (14%)	PTR	B	134.60	14.4	6.4	4.0	7	3.9
Lukoil Oil Company	LUKOY	B	104.50	14.4	6.3	3.9	6	1.5
Petro-Canada	PCZ	B	57.95	6.5	4.5	3.0	5	0.9
Median		D	51.75	13.9	6.3	4.0	7	1.5
Independent Natural Gas and Oil - La				13.9	0.5	4.0	/	1
Canadian Natural Resources	CNQ	В	103.48	8.7	7.0	6.0	11	0.4
Chesapeake Energy Corporation	CHK	D I	60.08	11.5	7.3	6.0	9	0.4
EOG Resources	EOG	В	131.89	10.0	6.1	5.8	11	0.4
XTO Energy Inc.	XTO	B	67.72	12.2	7.0	5.7	13	0.7
Encana Corporation	ECA	B	93.67	8.7	5.7	5.4	10	1.7
CNOOC Limited (34%)	CEO	H	172.21	9.2	5.6	5.4	9	2.2
Occidental Petroleum Corp.	OXY	B	93.56	11.6	6.2	4.9	9	1.4
Anadarko Petroleum Corp.	APC	B	79.50	9.5	5.4	4.6	9	0.9
Devon Energy Corporation	DVN	B	119.25	9.4	6.1	4.5	8	0.5
Median	DIT		117.25	9.5	6.1	5.4	9	0.2
Independent Natural Gas and Oil - Sn	uall Cap			2.5	0.1	5.1	,	0.7
Birchcliff Energy Ltd. (US\$)	BIR.TO		13.65	7.0	8.0	7.8	23	
Encore Acquisition Company	EAC	В	74.91	13.9	6.4	6.4	11	
Berry Petroleum Company	BRY	B	56.34	10.3	6.2	5.5	9	0.5
Cimarex Energy Company	XEC	B	72.57	7.5	4.8	3.6	7	0.2
Energy Partners Ltd.	EPL	-	15.82	7.3	3.4	2.3		
Median			10.02	7.5	6.2	5.5	10	
Income				,				
Kinder Morgan Energy Partners, L.P.	KMP	S	58.95		7.4	15.3	23	6.2
Kinder Morgan Management, LLC	KMR	S	55.95		7.4	14.7	22	6.6
San Juan Basin Royalty Trust	SJT	B	43.54	10.4	8.1	7.4	9	11.1
Canadian Oil Sands Trust	COSWF	B	49.59	22.0	8.0	7.0	8	12.5
Hugoton Royalty Trust	HGT	B	34.03	13.1	7.6	6.2	9	11.3
Pengrowth Energy Trust	PGH		20.42	8.9	5.7	5.1	39	12.9
Enerplus Resources Fund	ERF		46.94	9.6	6.0	4.7	7	10.5
Penn West Energy Trust	PWE	В	33.29	7.3	5.2	4.2	8	12.0
Median		1	>	10.0	7.4	6.6	9	11.2
EV = Enterprise Value = Market Cap an		oitda	= Earning					
and amortization; $NTM = Next Twelve I$								
Earnings; PV = Present Value of oil and								

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			<b>r</b> -	lnergy		0110				
	(	Compos	ite of E	Buy Rec	omme	ndations	;			
						North	Rest			
		Price			Non-	Amer.	of World			
		(US\$/sh)		o Weight	U.S.	Natural	Natural	Oil	Down-	
		9-Jun	Equity	EV	HQ	Gas	Gas	Prod'n	stream	McDep
	Symbol	2008	(%)	(%)	(%)	(%)	(%)	(%)	(%)	Ratic
Mega Cap										
Chevron Corporation	CVX	101.20	3.3	3.2		0.2	0.2	2.3	0.5	0.77
Exxon Mobil Corporation	XOM	89.07	3.4	3.2		0.2	0.5	1.8	0.6	0.77
Royal Dutch Shell plc	RDS-A	84.48	3.2	3.2	3.2	0.1	0.5	1.7	0.8	0.73
BP plc	BP	70.60	2.9	3.2	3.2	0.3	0.3	2.2	0.4	0.73
Total S.A.	TOT	85.70	3.2	3.2	3.2		0.5	2.2	0.5	0.72
ConocoPhillips	COP	95.24	5.6	6.4		0.9	0.4	3.8	1.2	0.70
Gazprom	OGZPY	57.90	9.6	9.6	9.6		7.6	2.0		0.69
Total or Median			31	32						0.73
Producer/Refiners - Large	-									
Imperial Oil Limited	IMO	59.64	1.4	1.3	1.3	0.1		1.0	0.2	0.92
Suncor Energy	SU	68.44	1.3	1.3	1.3	0.0		1.2	0.1	0.92
StatoilHydro ASA	STO	38.66	1.5	1.6	1.6		0.5	1.1	-	0.77
Petro-Canada	PCZ	57.95	1.3	1.3	1.3	0.1	0.0	0.9	0.2	0.68
PetroChina Company Ltd (14		134.60	1.7	1.6	1.6	-	0.1	1.3	0.2	0.63
Lukoil Oil Company	LUKOY	104.50	7.2	6.4	6.4			4.6	1.8	0.62
Total or Median			14	13						0.73
Independent Natural Gas a										
Encana Corporation	ECA	93.67	3.6	3.8	3.8	2.8		0.8	0.2	0.95
EOG Resources	EOG	131.89	5.2	4.8		3.4	0.3	1.2		0.95
Canadian Natural Resources	CNQ	103.48	1.5	1.6	1.6	0.4		1.2	0.1	0.86
Anadarko Petroleum Corp.	APC	79.50	3.8	4.8		2.5		2.2	0.1	0.85
XTO Energy Inc.	XTO	67.72	4.5	4.8		3.6	0.0	1.2	0.0	0.80
Occidental Petroleum Corp.	OXY	93.56	3.4	3.2		0.4	0.0	2.6	0.2	0.79
Devon Energy Corporation	DVN	119.25	6.3	6.4		3.4		3.0		0.73
Total or Median			28	29						0.85
Independent Natural Gas a			2.7	2.2		0.5		0.7		1.00
Encore Acquisition Company		74.91	2.7	3.2		0.5		2.7		1.00
Berry Petroleum Company	BRY XEC	56.34	1.4 3.3	1.6 3.2		0.4		1.2		0.89
Cimarex Energy Company	AEU	72.57				2.0		1.2		0.74
Total or Median			8	8						0.89
<b>Income</b> San Juan Basin Royalty Trus	I SJT	43.54	7.3	6.4		6.4				0.91
San Juan Basin Royalty Trus Canadian Oil Sands Trust	COSWF	43.54	5.6	6.4 5.1	5.1	(0.5)		5.6		0.91
Hugoton Royalty Trust	HGT	34.03	3.0	3.2	3.1	3.2		5.0		0.80
Penn West Energy Trust	PWE	33.29	2.1	2.6	2.6	0.7		1.8		0.81
Total or Median	rwE	55.29	2.1	2.6	2.0	0.7		1.8		0.80
Portfolio Composite			19	17	46	31	11	51	7	0.84
× ^			100	100	40	51	11	51	/	0.76
Canada Russia					17					
					10					
Europe China					2					
Cililia					2					
Note: Percentages in the Por	tfolio Wei	oht - EV d	olumn c	orrespond	d to unle	vered nos	tions rangi	ng from t	rinle at 0	6%
to four-tenths at 1.3%				Sirespon		, erea posi		ng nom t	i pie ai y	.070

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### **Index of Recent Research**

#### Stock Ideas

Drock I	ue	ub	
Date		<u>Symbol</u>	<u>Subject</u>
6-Jun		COSWF	Canadian Oil Sands Trust
4-Jun		LUKOY	Lukoil Oil Company
29-May		XTO	XTO Energy Inc.
27-May	*	EAC	Encore Acquisition Company
22-May		PBR	Petrobras
13-May		PWE	Penn West Energy Trust
13-May		STO	StatoilHydro ASA
13-May	*	ECA	EnCana Corporation
9-May	*	CNQ	Canadian Natural Resources
8-May	*	EAC	Encore Acquisition Company
7-May	*	DVN	Devon Energy Corporation
7-May	*	TOT	Total S.A.
6-May	*	XEC	Cimarex Energy Company
6-May	*	APC	Anadarko Petroleum Corporation
2-May	*	CVX	Chevron Corporation
2-May	*	EOG	EOG Resources Inc.
1-May	*	IMO	Imperial Oil Limited
1-May	*	MRO	Marathon Oil Corporation
1-May	*	XOM	Exxon Mobil Corporation
29-Apr	*	BP	BP p.l.c.
29-Apr	*	BRY	Berry Petroleum
29-Apr	*	PCZ	Petro-Canada
29-Apr	*	RDSA	Royal Dutch Shell plc
28-Apr	*	PTR	PetroChina Company Limited
28-Apr	*	CEO	CNOOC Ltd
25-Apr	*	SJT	San Juan Basin Royalty Trust
24-Apr	*	COP	ConocoPhillips
24-Apr	*	OXY	Occidental Petroleum Corporation
24-Apr	*	SU	Suncor Energy
22-Apr	*	ECA	EnCana Corporation
18-Apr	*	HGT	Hugoton Royalty Trust
16-Apr	*	KMP	Kinder Morgan
18-Feb	*	OGZPY	Gazprom

### **Meter Reader**

10-Jun		Weekly
3-Jun		Weekly
27-May	*	Weekly
20-May	*	Weekly

### **Oil and Gas Income Stocks**

6-Jun		Weekly
30-May		Weekly
23-May	*	Weekly
16-May	*	Weekly

\* Archived on www.mcdep.com

#### Theme

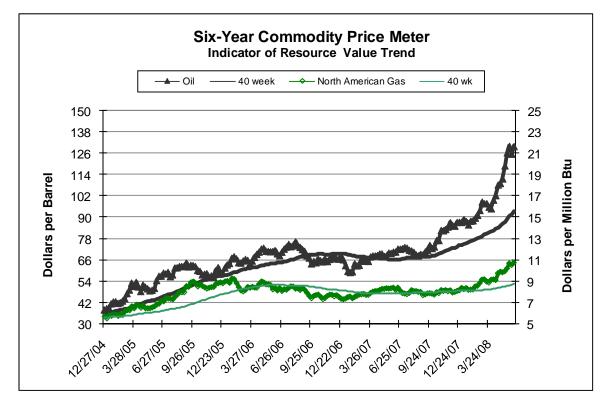
Raise Distribution Estimate 50% (Income Weekly) Raise Net Present Value to \$170 a Share Low McDep Ratio Natural Gas Bullish Encore (Meter Reader) Raise Net Present Value to \$75 a Share Raise Net Present Value to \$45 a Share Raise Net Present Value to \$52 a Share Splits Natural Gas and Oil Sands (Meter Reader) Raise Net Present Value to \$124 a Share \$120 a Barrel Excitement Resources Three Times Reserves Euro Oil Leader Raise Net Present Value to \$85 a Share Positives Outweigh Negatives **Refining Penalty** Stock Outperforms ExxonMobil's Undeveloped Opportunities Hangover from Last Year's Refining Boom World's Safest Investment Getting Back on Track Earnings Fit with Oil Price Low McDep Ratio Non U.S. Energy MegaCap Winter Sacrifice Raise Net Present Value to \$140 a Share Better News Ahead (Income Weekly) Timely Investment Choice Raise Net Present Value to \$100 a Share Booming Oil Largest North American Natural Gas Producer Simpson Sustainability (Income Weekly) Mounting Oil Losses 60-Day Bargain, 200-Day Momentum

NASDAQ 5000, Oil 500 Summer Crack Bullish Encore Scenario 1978-1980-1982

Canadian Oil Sands Trust - Raise Estimate 50% Portfolio Builders Stocks Lag Oil Price Volume Decline Modest

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**Disclaimer:** This analysis was prepared by Kurt Wulff, Manager of McDep LLC as of January 1, 2008. Previously Mr. Wulff was doing business as McDep Associates. The firm used sources and data believed to be reliable, but makes no representation as to their accuracy or completeness. This analysis is intended for informational purposes and is not a solicitation to buy or sell a security. Past performance is no guarantee of future results.

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**Certification:** I, Kurt H. Wulff, certify that the views expressed in this research analysis accurately reflect my personal views about the subject securities and issuers. No part of my compensation was, is, or will be directly or indirectly related to the specific recommendations or views contained in this research analysis.

**Research Methodology/Ratings Description:** McDep LLC is an independent research originator focused on oil and gas stocks exclusively. The firm applies the forty years of experience of its analyst to estimate a present value of the oil and gas resources and other businesses of covered companies. That value is compared with a company's stock market capitalization and debt. Stocks with low market cap and debt relative to present value tend to outperform stocks with high market cap and debt relative to present value. Buy recommendations are expected to deliver a total return better than 7% per year above inflation. Hold recommendations assume the attributes of the underlying business are reflected in the current price of the stock. Sell recommendations are expected to deliver a total return less than inflation.