## Statoil ASA (STO) Nordic Oil and Gas Stalwart

Symbol	STO	Ebitda Next Twelve Months ending 3/31/12 (US\$mm)	30,900						
Rating	Buy	North American Natural Gas/Ebitda (%)	0						
Price (\$/sh)	24.01	Natural Gas and Oil Production/Ebitda (%)	100						
Pricing Date	5/23/11	Adjusted Reserves/Production NTM	6.6						
Shares (mm)	3183	EV/Ebitda	3.7						
Market Capitalization (\$mm)	76,400	PV/Ebitda	5.7						
Debt (\$mm)	36,600	Undeveloped Reserves (%)	24						
Enterprise Value (EV) (\$mm)	113,100	Natural Gas and Oil Ebitda (\$/boe)	45.00						
Present Value (PV) (\$mm)	176,700	Present Value Proven Reserves(\$/boe)	34.00						
Net Present Value (\$/share)	44	Present Value Proven Reserves(\$/mcfe)	5.70						
Debt/Present Value	0.21	Earnings Next Twelve Months (US\$/sh)	3.37						
McDep Ratio - EV/PV	0.64	Price/Earnings Next Twelve Months	7						
Dividend Yield (%/year)									
Note: Estimated cash flow and earnings tied to one-year futures prices for oil.									
Reported results may vary widely from estimates. Estimated present value per share revised only infrequently									
Estimated present valu	Estimated present value presumes a long-term price for oil of US\$100 a barrel and natural gas, \$8 a million but								
The Norwegian govern	The Norwegian government owns 67% of the shares in Statoil. For historical research, see www.mcdep.com								

#### **Summary and Recommendation**

Headquartered in financially strong Norway, buy-recommended **Statoil** (**STO**) pays 4.7% income backed by current cash flow from oil and prospective cash flow from natural gas as the second largest supplier of the environmentally preferred fuel to Europe. Stock price of \$24 a share looks low compared to estimated Net Present Value (NPV) of \$44 a share and a McDep Ratio of 0.64. Government ownership of two-thirds of the stock may be a factor that helps the company secure attractive lease rights offshore Norway where results in the Barents Sea have become more promising with the Skrugard discovery on April 1. European natural gas price looks better in a delayed response to oil price and diminished competition from North African natural gas as well as heightened fears about the safety of nuclear energy. Though sovereign debt concerns weigh on the global economic outlook and the weakest countries may fall, the largest developed countries will likely resolve their debt overhang by gradual currency inflation. A diversified energy portfolio including Statoil and/or similar companies offers positive opportunity to earn a real rate of return to assure continued prosperity, we believe.

#### Arctic Oil Breakthrough

In a steady march up the Norwegian coast, oil and gas explorers moved from the North Sea to the Norwegian Sea and now to the Barents Sea (see map on page 3). Natural gas is currently being produced from the Snovhit discovery for liquefaction and export, but until now a large oil discovery has eluded drillers despite dozens of wells. Skrugard, some 50 miles seaward of Snovhit and about 100 miles offshore approaching Bear Island may have some 250 million barrels of oil likely to be producible. The discovery's greater significance apparently lies in its



affirmation of Statoil's analysis as it seeks billion barrel opportunities in the Arctic waters. Financially, it is reassuring for the company's prospects to keep production going at a profitable level despite natural decline from mature fields.

### **Global Natural Gas Player**

Price trends rank the natural gas market most attractive recently in Japan and least attractive in the U.S. (see chart <u>Global Gas Prices</u> on page 4). Statoil's markets in the U.K. and Germany rank in between. Price in Europe is partly linked to oil as in Japan and partly opportunistic as in the U.S. Sellers have pricing power in Japan while buyers have pricing power in the U.S. Buyers in Europe were putting pressure on sellers after the financial panic of 2008, but the pendulum has swung back with Libya interrupting deliveries and Japan looking for energy to replace that from shuttered nuclear plants. Sovereign debt issues also have a silver lining for natural gas producers as costly subsidies dry up for alternative energy.

At the same time, demand is growing in Europe and Asia (see table <u>Stronger Gas Markets</u> on page 5). The understated dynamic behind the growth in Asia is China's more than 80% reliance on coal and only minimal use of natural gas so far.

The international liquefied natural gas (LNG) trade is the link that transmits price discovery from one region to another. While that link is broken for now in North America, efforts underway to build export LNG facilities could change that eventually. During the 2020s it may be a race between North America and Russia to take the LNG export lead that passed from Southeast Asia to the Middle East in the 2000s and is passing to Australia in the 2010s. Statoil is a partner in what may be Russia's largest LNG plant at Shtokman, just 500 miles east of Skrugard, also in the Barents Sea.

#### Pure Producer with Distinctive Concentration on Rest of World Natural Gas

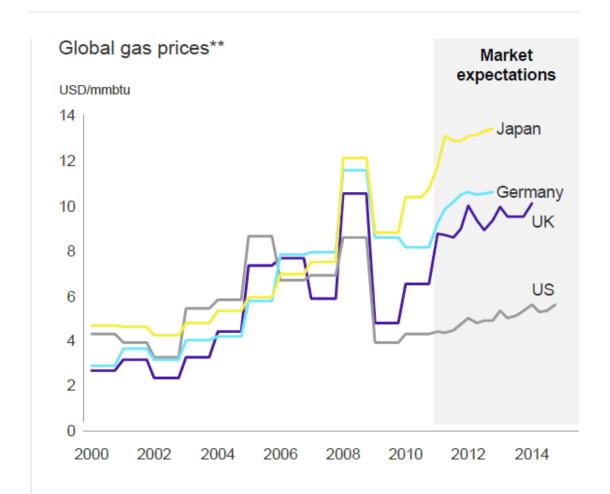
In our continuing analysis, NPV relates to cash flow and adjusted reserve life (see table Functional Cash Flow and Present Value on page 6). Though the tax rate in Norway may be as high as 75%, we normalize cash flow by treating income tax at 35% and allocating the rest to a reduction of Ebitda (see table Next Twelve Months Operating and Financial Estimates on page 6). Crude oil price remains a positive factor as the quote for the next six years at \$98 a barrel is above the 40-week average of \$94 (see table Six-Year and One-Year Natural Gas and Oil Futures on page 12). Among large cap stocks, STO fits with European peers with the distinction that it is a nearly pure producer with little participation in downstream businesses (see Tables 1-4 on pages 7-10). STO is further distinguished as first among European and U.S. stocks in our coverage by concentration on natural gas outside North America.

Kurt H. Wulff, CFA







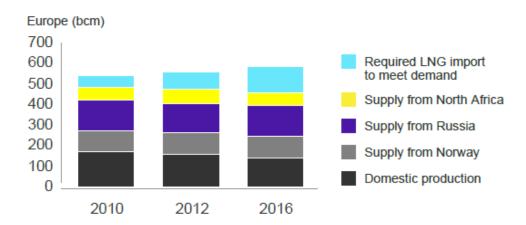


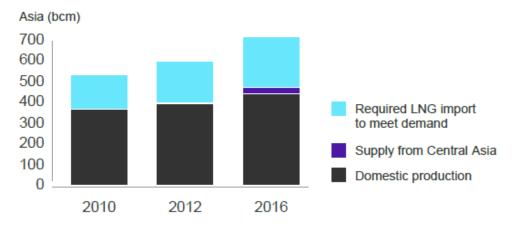




# Stronger gas markets

### Increasing need for imports to Europe and Asia\*





- \* Source: WoodMackenzie and Statoil
- \*\* Prices updated February 4th, 2011. Source: BP, Heren, Platts, IPE, NYMEX



	Statoil ASA									
Functional Cas	sh Flow and P	resent Valu	e							
				Present						
	NTM Ebitda	Adjusted	PV/	Value						
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	(US\$mm)						
Natural Gas	8,459	10.0	7.7	65,000	37%					
Oil	22,412	4.4	5.0	111,700	63%					
	30,871	6.6	5.7	176,700	100%					
Debt (US\$mm)					36,600					
Net Present Value (US\$mm)					140,100					
Shares (mm)					3,183					
Net Present Value - Standard Estimate (US\$/sh)					44					
NPV Approximation by Cash Flow Multiple Depending on Reserve Life (US\$/sh)										

Statoil ASA										
	Next	Twelve Mo	onths Oper	ating and F	inancial E	stimates				
									Next	
									Twelve	
	Q2	Year	Q1	Q2E	Q3E	Q4E	Year	Q1E	Months	
	6/30/10	2010	3/31/11	6/30/11	9/30/11	12/31/11	2011E	3/31/12	3/31/12	
Volume										
Natural Gas (mmcfd)	4,854	4,594	5,082	4,854	3,198	5,034	4,538	5,082	4,540	
Oil (mbd)	1,147	1,121	1,124	1,124	1,124	1,124	1,124	1,124	1,124	
Total gas & oil (mbd)	1,956	1,887	1,971	1,933	1,657	1,963	1,880	1,971	1,881	
Price										
Natural gas (NOK/mcf)	46	48	56	56	56	56	56	56	56	
Natural gas (NOK/Sm3)	1.61	1.70	1.97	1.97	1.97	1.97	1.97	1.97	1.97	
Oil										
WTI Cushing US\$/bbl)	77.85	79.43	94.10	103.34	97.98	98.94	98.59	98.36	99.66	
Kroner/\$	6.24	6.05	5.72	5.59	5.59	5.59	5.62	5.59	5.59	
WTI Cushing (NOK/bbl)	486	480	538	578	548	553	554	550	557	
Wellhead (NOK/bbl)	462	462	577	619	587	593	594	589	597	
Total gas & oil (NOK/bl	384	392	473	500	506	483	490	480	492	
Revenue (NOKmm)										
Natural Gas	20,146	80,992	25,525	24,651	16,419	25,846	92,441	25,809	92,725	
Oil	48,222	189,142	58,369	63,345	60,719	61,314	243,747	60,292	245,669	
Other	84,678	344,161	93,231	93,231	93,231	93,231	372,923	93,231	372,923	
Total	132,900	533,303	151,600	181,226	170,369	180,391	683,586	179,331	711,317	
Expense	99,238	400,213	116,724	136,348	131,029	135,939	520,040	135,420	538,736	
Ebitda (NOKmm)	33,662	133,090	34,876	44,878	39,341	44,452	163,545	43,911	172,581	
Exploration	3,700	15,880	3,469	5,000	5,000	5,000	18,469	5,000	20,000	
Deprec., Deplet., & Amort.	11,400	47,660	11,051	13,000	13,000	13,000	50,051	13,000	52,000	
Ebit	18,562	69,550	20,356	26,878	21,341	26,452	95,025	25,911	100,581	
Interest	2,254	8,438	2,048	2,100	2,100	2,100	8,348	2,100	8,400	
Ebt	16,308	61,112	18,308	24,778	19,241	24,352	86,677	23,811	92,181	
Income Tax	5,708	21,389	6,408	8,672	6,734	8,523	30,337	8,334	32,263	
Net Income (NOKmm)	10,600	39,723	11,900	16,105	12,506	15,828	56,340	15,477	59,918	
Shares (millions)	3,183	3,183	3,183	3,183	3,183	3,183	3,183	3,183	3,183	
Per share (NOK)	3.33	12.48	3.74	5.06	3.93	4.97	17.70	4.86	18.82	
Ebitda Margin (E&P)	49%	49%	42%	51%	51%	51%	49%	51%	51%	
Tax Rate	35%	35%	35%	35%	35%	35%	35%	35%	35%	



Sym B = Buy, CB  U.S. Integrated  Marathon Oil Corporation  Exxon Mobil Corporation  Chevron Corporation  ConocoPhillips Total or Median  Europe  BG Group Royal Dutch Shell plc  Statoil ASA (33%)  BP plc  Total S.A. Total or Median  Brazil/Russia/Australia/China  CNOOC Limited (34%)  Woodside Petroleum Ltd.  PetroChina Company Ltd (14%)  Petrobras	Geogra	ing ow) B B B		_	Energy Pod Busines  Enterprise Value (\$mm)  47,100 468,000 231,000	s Segm	nt Value by Rest of World Natural Gas		Down-	McDep Ratio
Sym B = Buy, CB  U.S. Integrated  Marathon Oil Corporation  Exxon Mobil Corporation  Chevron Corporation  ConocoPhillips Total or Median  Europe BG Group Royal Dutch Shell plc Statoil ASA (33%) BP plc Total S.A. Total or Median  Brazil/Russia/Australia/China  CNOOC Limited (34%)  Woodside Petroleum Ltd.  PetroChina Company Ltd (14%)  Petrobras	mbol/Rati S (see belo XOM CVX COP BRGXF RDS-A STO BP	ing ow) B B B B	Price (US\$/sh) 23-May 2011 50.48 80.67 101.37	EV/ Market Cap 1.31 1.17 1.13	Enterprise Value (\$mm) 47,100 468,000	Preser North Amer. Natural Gas	nt Value by Rest of World Natural Gas	Oil Prod'n	Down- stream	
B = Buy, CB  U.S. Integrated  Marathon Oil Corporation  Exxon Mobil Corporation  Chevron Corporation  ConocoPhillips  Total or Median  Europe  BG Group  Royal Dutch Shell plc  Statoil ASA (33%)  BP plc  Total S.A.  Total or Median  Brazil/Russia/Australia/China  CNOOC Limited (34%)  Woodside Petroleum Ltd.  PetroChina Company Ltd (14%)  Petrobras	MRO XOM CVX COP  BRGXF RDS-A STO BP	B B B	(US\$/sh) 23-May 2011 50.48 80.67 101.37	Market Cap 1.31 1.17 1.13	Value (\$mm) 47,100 468,000	North Amer. Natural Gas	Rest of World Natural Gas	Oil Prod'n	Down- stream	
B = Buy, CB  U.S. Integrated  Marathon Oil Corporation  Exxon Mobil Corporation  Chevron Corporation  ConocoPhillips  Total or Median  Europe  BG Group  Royal Dutch Shell plc  Statoil ASA (33%)  BP plc  Total S.A.  Total or Median  Brazil/Russia/Australia/China  CNOOC Limited (34%)  Woodside Petroleum Ltd.  PetroChina Company Ltd (14%)  Petrobras	MRO XOM CVX COP  BRGXF RDS-A STO BP	B B B	(US\$/sh) 23-May 2011 50.48 80.67 101.37	Market Cap 1.31 1.17 1.13	Value (\$mm) 47,100 468,000	North Amer. Natural Gas	Rest of World Natural Gas	Oil Prod'n	Down- stream	
B = Buy, CB  U.S. Integrated  Marathon Oil Corporation  Exxon Mobil Corporation  Chevron Corporation  ConocoPhillips  Total or Median  Europe  BG Group  Royal Dutch Shell plc  Statoil ASA (33%)  BP plc  Total S.A.  Total or Median  Brazil/Russia/Australia/China  CNOOC Limited (34%)  Woodside Petroleum Ltd.  PetroChina Company Ltd (14%)  Petrobras	MRO XOM CVX COP  BRGXF RDS-A STO BP	B B B	(US\$/sh) 23-May 2011 50.48 80.67 101.37	Market Cap 1.31 1.17 1.13	Value (\$mm) 47,100 468,000	Amer. Natural Gas	of World Natural Gas	Prod'n	stream	
B = Buy, CB  U.S. Integrated  Marathon Oil Corporation  Exxon Mobil Corporation  Chevron Corporation  ConocoPhillips  Total or Median  Europe  BG Group  Royal Dutch Shell plc  Statoil ASA (33%)  BP plc  Total S.A.  Total or Median  Brazil/Russia/Australia/China  CNOOC Limited (34%)  Woodside Petroleum Ltd.  PetroChina Company Ltd (14%)  Petrobras	MRO XOM CVX COP  BRGXF RDS-A STO BP	B B B	23-May 2011 50.48 80.67 101.37	Market Cap 1.31 1.17 1.13	Value (\$mm) 47,100 468,000	Natural Gas	Natural Gas	Prod'n	stream	
B = Buy, CB  U.S. Integrated  Marathon Oil Corporation  Exxon Mobil Corporation  Chevron Corporation  ConocoPhillips  Total or Median  Europe  BG Group  Royal Dutch Shell plc  Statoil ASA (33%)  BP plc  Total S.A.  Total or Median  Brazil/Russia/Australia/China  CNOOC Limited (34%)  Woodside Petroleum Ltd.  PetroChina Company Ltd (14%)  Petrobras	MRO XOM CVX COP  BRGXF RDS-A STO BP	B B B B	50.48 80.67 101.37	1.31 1.17 1.13	(\$mm) 47,100 468,000	Gas 7	Gas	Prod'n	stream	
U.S. Integrated  Marathon Oil Corporation  Exxon Mobil Corporation  Chevron Corporation  ConocoPhillips  Total or Median  Europe  BG Group  Royal Dutch Shell plc  Statoil ASA (33%)  BP plc  Total S.A.  Total or Median  Brazil/Russia/Australia/China  CNOOC Limited (34%)  Woodside Petroleum Ltd.  PetroChina Company Ltd (14%)  Petrobras	MRO XOM CVX COP BRGXF RDS-A STO BP	B B B	50.48 80.67 101.37	1.31 1.17 1.13	47,100 468,000	7	3			Ranc
Marathon Oil Corporation Exxon Mobil Corporation Chevron Corporation ConocoPhillips Total or Median Europe BG Group Royal Dutch Shell plc Statoil ASA (33%) BP plc Total S.A. Total or Median Brazil/Russia/Australia/China CNOOC Limited (34%) Woodside Petroleum Ltd. PetroChina Company Ltd (14%) Petrobras	XOM CVX COP BRGXF RDS-A STO BP	B B B	80.67 101.37	1.17 1.13	468,000			69	22	
Exxon Mobil Corporation Chevron Corporation ConocoPhillips Total or Median Europe BG Group Royal Dutch Shell plc Statoil ASA (33%) BP plc Total S.A. Total or Median Brazil/Russia/Australia/China CNOOC Limited (34%) Woodside Petroleum Ltd. PetroChina Company Ltd (14%) Petrobras	XOM CVX COP BRGXF RDS-A STO BP	B B B	80.67 101.37	1.17 1.13	468,000					0.79
Chevron Corporation ConocoPhillips Total or Median  Europe BG Group Royal Dutch Shell plc Statoil ASA (33%) BP plc Total S.A. Total or Median  Brazil/Russia/Australia/China CNOOC Limited (34%) Woodside Petroleum Ltd. PetroChina Company Ltd (14%) Petrobras	CVX COP BRGXF RDS-A STO BP	B	101.37	1.13			19	56	16	0.75
ConocoPhillips Total or Median  Europe BG Group Royal Dutch Shell plc Statoil ASA (33%) BP plc Total S.A. Total or Median  Brazil/Russia/Australia/China CNOOC Limited (34%) Woodside Petroleum Ltd. PetroChina Company Ltd (14%) Petrobras	BRGXF RDS-A STO BP	В				3	10	77	10	0.73
Total or Median  Europe  BG Group  Royal Dutch Shell plc Statoil ASA (33%)  BP plc Total S.A.  Total or Median  Brazil/Russia/Australia/China CNOOC Limited (34%)  Woodside Petroleum Ltd.  PetroChina Company Ltd (14%)  Petrobras	BRGXF RDS-A STO BP		71.55	1.40	144,000	14	10	63	13	0.68
Europe BG Group Royal Dutch Shell plc Statoil ASA (33%) BP plc Total S.A. Total or Median Brazil/Russia/Australia/China CNOOC Limited (34%) Woodside Petroleum Ltd. PetroChina Company Ltd (14%) Petrobras	RDS-A STO BP	В			890,000	17	10	66	13	0.72
BG Group Royal Dutch Shell plc Statoil ASA (33%) BP plc Total S.A. Total or Median Brazil/Russia/Australia/China CNOOC Limited (34%) Woodside Petroleum Ltd. PetroChina Company Ltd (14%) Petrobras	RDS-A STO BP	В			0,000			00		0.72
Royal Dutch Shell plc Statoil ASA (33%) BP plc Total S.A.  Total or Median  Brazil/Russia/Australia/China CNOOC Limited (34%) Woodside Petroleum Ltd. PetroChina Company Ltd (14%) Petrobras	RDS-A STO BP	В	21.84	1.17	86,700		26	46	28	0.89
Statoil ASA (33%) BP plc Total S.A.  Total or Median  Brazil/Russia/Australia/China CNOOC Limited (34%) Woodside Petroleum Ltd. VetroChina Company Ltd (14%) Petrobras	STO BP	ע	68.00	1.17	275,000	3	22	54	21	0.76
BP plc Total S.A.  Total or Median  Brazil/Russia/Australia/China CNOOC Limited (34%) Woodside Petroleum Ltd. PetroChina Company Ltd (14%) Petrobras	BP	В	24.01	1.48	37,300	3	37	63	-	0.70
Total S.A.  Total or Median  Brazil/Russia/Australia/China CNOOC Limited (34%) Woodside Petroleum Ltd. VertoChina Company Ltd (14%) Petrobras		ט	44.03	1.65	230,000	5	9	67	19	0.60
Total or Median  Brazil/Russia/Australia/China CNOOC Limited (34%) Woodside Petroleum Ltd.  PetroChina Company Ltd (14%) Petrobras		R	55.70	1.29	162,000		19	67	14	0.56
Brazil/Russia/Australia/China CNOOC Limited (34%) Woodside Petroleum Ltd. V PetroChina Company Ltd (14%) Petrobras		-	33.70	1.27	791,000		17	63	17	0.50
CNOOC Limited (34%) Woodside Petroleum Ltd. VetroChina Company Ltd (14%) Petrobras					771,000			0.5		0.04
Woodside Petroleum Ltd. V PetroChina Company Ltd (14%) Petrobras	CEO		228.99	1.04	36,300		8	92	_	1.04
PetroChina Company Ltd (14%) Petrobras	WOPEY	R	47.62	1.17	43,000		67	33	_	0.98
Petrobras	PTR		132.22	1.27	43,100		13	69	18	0.68
	PBR			1.27	277,000		2	83	15	0.60
LTAZDYOM (DU%)	OGZPY		13.39	1.26	97,000		80	20	-	0.54
1 ' '	LUKOY		59.60	1.13	52,400		00	67	33	0.43
Total or Median	LUKUI	ъ	37.00	1.13	549,000			67	33	0.64
U.S. Independent					347,000			07		0.04
Southwestern Energy Company	SWN		42.67	1.09	16,300	100			-	1.01
Anadarko Petroleum Corp.	APC		74.27	1.57	58,000	37		60	3	0.97
Chesapeake Energy Corp.	CHK		30.20	1.71	38,600	83		17	-	0.95
EOG Resources, Inc.	EOG	R	104.25	1.19	31,200	45	5	50	_	0.83
Occidental Petroleum Corp.	OXY		98.95	1.06	85,600	8	1	86	6	0.83
Devon Energy Corporation	DVN		80.64	1.12	38,700	54	1	46	-	0.31
Total or Median	שויי כו	-	50.04	1.12	268,000	J- <del>1</del>		50	-	0.74
Canada					200,000			50		0.09
Penn West Exploration	PWE		24.91	1.35	14,800	17		83	-	0.85
Imperial Oil Limited (30%)	IMO	R	46.28	1.10	13,000	3		86	11	0.83
Cenovus Energy Inc.	CVE		33.75	1.30	33,100	19		75	6	0.74
EnCana Corporation	ECA		32.72	1.44	34,800	91		9	-	0.74
Suncor Energy	SU		39.67	1.26	78,600	4		88	9	0.72
Canadian Natural Resources Lin	CNQ	٠	41.16	1.26	56,500	13		87	-	0.67
	COSWF	R	29.70	1.12	16,100	13		100	_	0.60
Total or Median	20011	ט	27.10	1.12	247,000			87	_	0.72
					.,					
Composite					2,745,000	9	14	63	13	0.69



Pres  abol/Ra (see b	ent `	Price (US\$/sh) 23-May 2011 50.48 80.67	Shares (mm)	Portfolio ep Ratio  Market Cap (US\$mm)	Net Present Value (US\$/sh)	Debt/ Present Value	McDep
dbol/Ra (see both AO M X P	ating elow)  B B B	Price (US\$/sh) 23-May 2011	Shares (mm)	Market Cap	Present Value	Present	McDe
(see books) OM X P	B B B	(US\$/sh) 23-May 2011 50.48	(mm)	Cap	Present Value	Present	МсДеј
(see books) OM X P	B B B	(US\$/sh) 23-May 2011 50.48	(mm)	Cap	Present Value	Present	МсДер
(see books) OM X P	B B B	23-May 2011 50.48	(mm)	Cap	Value	Present	McDep
(see books) OM X P	B B B	50.48	(mm)				McDep
O M X P	B B B	50.48	, ,	(US\$mm)	(US\$/sh)	Value	
M X P GXF	B B		710			,	Ratio
M X P GXF	B B		710				
X P GXF	В		713	35,990	68.00	0.19	0.79
X P GXF			4,971	401,000	112.00	0.11	0.75
P GXF		101.37	2,009	204,000	154.00	0.08	0.69
GXF		71.33	1,445	103,000	119.00	0.19	0.68
			, -	744,000		0.15	0.72
				,			
		21.84	3,407	74,400	25.00	0.13	0.89
S-A	В	68.00	3,087	210,000	96.00	0.18	0.76
)	В	24.01	1,050	25,200	44.00	0.21	0.64
		44.03	3,168	140,000	93.00	0.24	0.60
Γ	В	55.70	2,251	125,000	111.00	0.13	0.56
				575,000		0.18	0.64
О		228.99	152	34,900	220.00	0.04	1.04
PEY	В	47.62	774	36,900	49.00	0.14	0.98
3	В	132.22	256	33,900	210.00	0.15	0.68
R	СВ	33.35	6,539	218,100	62.00	0.13	0.60
ZPY	В	13.39			28.00	0.11	0.54
KOY	В	59.60	781		150.00	0.05	0.43
				447,000		0.12	0.64
				·			
N		42.67	349	14,900	42.00	0.09	1.01
С		74.27	498	37,000	78.00	0.35	0.97
K		30.20	746		33.00	0.40	0.95
G	В	104.25	251		130.00	0.13	0.83
Y	В	98.95	814			0.05	0.81
N	В	80.64	430		112.00	0.08	0.74
						0.11	0.89
				·			
Έ		24.91	440	11,000	31.00	0.22	0.85
	В	46.28	256		62.00	0.07	0.76
E							0.74
A		32.72		24,100			0.72
-	В	39.67					0.67
Q							0.67
SWF	В						0.60
			.00		- 2.00		0.72
downt	rend c	ompared to	200-day ay				0.72
		-					
	N C K K G G Y Y N E D D D D D D D D D D D D D D D D D D	N C K G B Y B N B E D B E B A B B Q SWF B downtrend c	N 42.67 C 74.27 K 30.20 G B 104.25 Y B 98.95 N B 80.64 E 24.91 D B 46.28 E B 33.75 A B 32.72 B 39.67 Q 41.16 SWF B 29.70 downtrend compared to	N 42.67 349 C 74.27 498 K 30.20 746 G B 104.25 251 Y B 98.95 814 N B 80.64 430  E 24.91 440 D B 46.28 256 E B 33.75 753 A B 32.72 738 B 39.67 1,575 Q 41.16 1,089 SWF B 29.70 485	KOY         B         59.60         781         46,600           N         42.67         349         14,900           C         74.27         498         37,000           K         30.20         746         22,500           G         B         104.25         251         26,200           Y         B         98.95         814         80,500           N         B         80.64         430         34,700           215,800           E         24.91         440         11,000           D         B         46.28         256         11,900           E         B         33.75         753         25,400           A         B         32.72         738         24,100           B         39.67         1,575         62,500           Q         41.16         1,089         44,800           SWF         B         29.70         485         14,400           194,000         downtrend compared to 200-day average.	KOY         B         59.60         781         46,600         150.00           N         42.67         349         14,900         42.00           C         74.27         498         37,000         78.00           K         30.20         746         22,500         33.00           G         B         104.25         251         26,200         130.00           Y         B         98.95         814         80,500         123.00           N         B         80.64         430         34,700         112.00           E         24.91         440         11,000         31.00           D         B         46.28         256         11,900         62.00           E         B         33.75         753         25,400         49.00           A         B         32.72         738         24,100         51.00           B         39.67         1,575         62,500         64.00           Q         41.16         1,089         44,800         67.00           SWF         B         29.70         485         14,400         52.00           downtrend compared to 200-day average. <td>KOY         B         59.60         781         46,600         150.00         0.05           N         42.67         349         14,900         42.00         0.09           C         74.27         498         37,000         78.00         0.35           K         30.20         746         22,500         33.00         0.40           G         B         104.25         251         26,200         130.00         0.13           Y         B         98.95         814         80,500         123.00         0.05           N         B         80.64         430         34,700         112.00         0.08           215,800         0.11           E         24.91         440         11,000         31.00         0.22           D         B         46.28         256         11,900         62.00         0.07           E         B         33.75         753         25,400         49.00         0.17           A         B         32.72         738         24,100         51.00         0.22           B         39.67         1,575         62,500         64.00         0.14           SWF</td>	KOY         B         59.60         781         46,600         150.00         0.05           N         42.67         349         14,900         42.00         0.09           C         74.27         498         37,000         78.00         0.35           K         30.20         746         22,500         33.00         0.40           G         B         104.25         251         26,200         130.00         0.13           Y         B         98.95         814         80,500         123.00         0.05           N         B         80.64         430         34,700         112.00         0.08           215,800         0.11           E         24.91         440         11,000         31.00         0.22           D         B         46.28         256         11,900         62.00         0.07           E         B         33.75         753         25,400         49.00         0.17           A         B         32.72         738         24,100         51.00         0.22           B         39.67         1,575         62,500         64.00         0.14           SWF



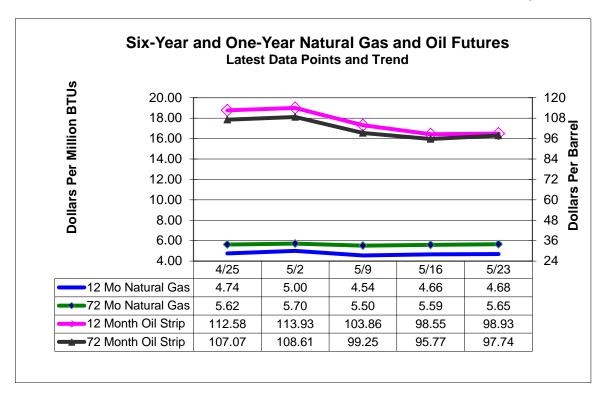
			Table 3					
Mcl	Dep La	rge	Cap E	nergy Po	ortfolio			
	_			istributio				
· · · · · · · · · · · · · · · · · · ·	IVI GIUI	Pic	dia D		JII TICIU			
			Price	Adjustd				Divd o
			(US\$/sh)	Resrvs/	PV/	EV/		Distril
	ymbol/Rat		23-Мау	Prod	Ebitda	Ebitda	P/E	NTN
B = Buy, C	B (see bel	ow)	2011	NTM	NTM	NTM	NTM	(%
YIG Y								
U.S. Integrated	VOM	D	00.67	12.0	7.1	<b>5.4</b>	0	2.0
Exxon Mobil Corporation	XOM	В	80.67	13.8	7.1	5.4	9	2.2
ConocoPhillips	COP	В	71.33	11.9	7.7	5.2	9	3.7
Marathon Oil Corporation	MRO	В	50.48	8.6	6.2	4.9	10	2.0
Chevron Corporation	CVX	В	101.37	8.4	6.1	4.2	7	2.8
Total or Median				10.2	6.7	5.0	9	2.3
Europe	DDCVE		21.04	12.0	9.0	9.0	1.5	1 (
BG Group plc	BRGXF	D	21.84	13.8	8.9	8.0	15	1.0
Royal Dutch Shell plc	RDS-A	В	68.00	8.9	6.5	4.9	8	4.9
BP plc	BP	_	44.03	10.4	7.3	4.4	6	3.8
Total S.A.	TOT	В	55.70	9.6	6.8	3.8	6	5.5
Statoil ASA (33%)	STO	В	24.01	6.6	5.7	3.7	7	4.7
Total or Median				9.6	6.8	4.4	7	4.
Brazil/Russia/Australia/China		_						
Woodside Petroleum Ltd.	WOPEY	В	47.62	15.1	10.8	10.5	17	2.3
Petrobras	PBR	CB	33.35	13.3	10.6	6.3	10	3.5
CNOOC Limited (34%)	CEO		228.99	5.6	5.4	5.6	10	2.4
PetroChina Company Ltd (14%)	PTR	В	132.22	13.4	7.2	4.9	9	4.0
Gazprom (50%)	OGZPY	В	13.39	30.2	7.0	3.7	6	2.:
Lukoil Oil Company	LUKOY	В	59.60	15.9	6.3	2.7	4	3.
Total or Median				14.2	7.1	5.3	10	2.
U.S. Independent								
Southwestern Energy Company	SWN		42.67	8.3	11.7	11.8	25	
Chesapeake Energy Corp.	CHK		30.20	12.3	12.0	11.3	21	1.0
Anadarko Petroleum Corp.	APC		74.27	8.8	8.2	8.0		0.3
Devon Energy Corporation	DVN	В	80.64	10.7	9.4	7.0	14	0.8
EOG Resources, Inc.	EOG	В	104.25	9.2	7.9	6.6	23	0.0
Occidental Petroleum Corp.	OXY	В	98.95	10.9	8.0	6.5	13	1.9
Total or Median				9.9	8.8	7.5	21	0.3
Canada								
EnCana Corporation	ECA	В	32.72	12.7	13.4	9.6	44	2.4
Cenovus Energy Inc.	CVE	В	33.75	21.0	12.2	9.1	27	2.4
Imperial Oil Limited (30%)	IMO	В	46.28	21.4	11.8	9.0	15	1.0
Penn West Exploration	PWE		24.91	8.8	10.2	8.6	33	4.4
Canadian Natural Resources Limited	CNQ		41.16	21.0	11.6	7.7	18	0.9
Suncor Energy	SU	В	39.67	21.1	10.3	6.9	14	1.0
Canadian Oil Sands Limited	COSWF	В	29.70	29.8	11.2	6.7	11	4.
Total or Median				21.0	11.6	8.6	18	2
CB=Contrarian Buy, Stock Price may be	in downtre	end c	ompared to	200-day av	erage.			
EV = Enterprise Value = Market Cap and						eciation		
and amortization; NTM = Next Twelve M								
Earnings; PV = Present Value of oil and								



			Table	4				
	McDep	La	rge Cap l	Energy 1	Portfolio			
			rise Valu					
T T T T T T T T T T T T T T T T T T T		LCIP	rise value	200	Day IIII	ruge		
			Price					
			(\$/sh)		Enterprise	Value/		
	Symbol		23-May	52Wk	52Wk	50 Day	200 Day	McDep
	-	atin,	2011	High	Low	Avg.	Avg.	Ratio
U.S. Integrated							Ü	
Marathon Oil Corporation	MRO	В	50.48	0.94	1.45	0.98	1.17	0.79
Chevron Corporation	CVX	В	101.37	0.93	1.43	0.97	1.09	0.69
Exxon Mobil Corporation	XOM	В	80.67	0.93	1.36	0.97	1.08	0.75
ConocoPhillips	COP	В	71.33	0.91	1.30	0.95	1.05	0.68
Median				0.93	1.39	0.97	1.09	0.72
Europe								
BG Group plc	BRGXF		109.18	0.86	1.45	0.91	1.04	0.89
Royal Dutch Shell plc	RDS-A	В	68.00	0.90	1.27	0.95	1.02	0.76
Statoil ASA (33%)	STO	В	24.01	0.86	1.19	0.91	1.01	0.64
BP plc	BP		44.03	0.93	1.31	0.98	1.01	0.60
Total S.A.	TOT	В	55.70	0.89	1.21	0.94	1.00	0.56
Median				0.90	1.29	0.95	1.02	0.68
Brazil/Russia/Australia/China								
Woodside Petroleum Ltd.	WOPEY	В	47.62	0.93	1.36	0.99	1.08	0.98
CNOOC Limited (34%)	CEO		228.99	0.85	1.51	0.94	1.04	1.04
Gazprom (50%)	OGZPY	В	13.39	0.81	1.35	0.87	1.03	0.54
PetroChina Company Ltd (14%)	PTR	В	132.22	0.86	1.25	0.93	1.01	0.68
Lukoil Oil Company	LUKOY	В	59.60	0.80	1.29	0.88	0.97	0.43
Petrobras	PBR	CB	33.35	0.82	1.05	0.91	0.94	0.60
Median				0.83	1.32	0.92	1.02	0.64
U.S. Independent								
Southwestern Energy Company	SWN		45.60	0.95	1.35	1.03	1.13	1.01
Occidental Petroleum Corp.	OXY	В	98.95	0.85	1.34	0.97	1.07	0.81
Chesapeake Energy Corp.	CHK		30.20	0.90	1.26	0.96	1.07	0.95
Anadarko Petroleum Corp.	APC		74.27	0.91	1.52	0.96	1.05	0.97
Devon Energy Corporation	DVN	В	80.64	0.87	1.33	0.92	1.04	0.74
EOG Resources, Inc.	EOG	В	104.25	0.88	1.18	0.95	1.04	0.83
Median				0.89	1.33	0.96	1.06	0.89
Canada								
Imperial Oil Limited (30%)	IMO	В	46.28	0.84	1.27	0.92	1.07	0.76
Penn West Exploration	PWE		24.91	0.89	1.29	0.96	1.04	0.85
Canadian Oil Sands Limited	COSWF	В	30.28	0.85	1.27	0.92	1.05	0.60
EnCana Corporation	ECA	В	32.72	0.95	1.16	0.99	1.05	0.72
Suncor Energy	SU	В	39.67	0.85	1.32	0.93	1.03	0.67
Cenovus Energy Inc.	CVE	В	33.75	0.86	1.29	0.93	1.03	0.74
Canadian Natural Resources	CNQ		41.16	0.83	1.27	0.91	1.00	0.67
Median				0.85	1.27	0.93	1.04	0.72
CB=Contrarian Buy, Stock Price	may be in	down	trend compare					



		Index of Re	cent Research
Stock 1	[deas		
Date	<u>Symbol</u>	<u>Subject</u>	<u>Theme</u>
20-May	SBR	Sabine Royalty Trust	Raise NPV to \$70 from \$59 on Rising Volume (ISCW)
17-May	PBR	Petrobras	Out-of-Favor Oil Growth (Meter Reader)
13-May	DMLP	Dorchester Minerals, L.P.	Fayetteville and Bakken Growth (Income and Small Cap Week
10-May	EOG	EOG Resources	High-Profit Light Sweet North American Oil (Meter Reader)
3-May	TOT	Total	Profiting Outside U.S. (Meter Reader)
29-Apr	BIREF	Birchcliff Energy	Independent Engineer Confirms Natural Gas Upside (ISCW)
	COSWF	Canadian Oil Sands Limited	Dividend Increased 50%
22-Apr	ERF	Enerplus Corporation	New Buy - Bakken and Marcelllus with 7% Income (ISCW)
19-Apr	DVN	Devon Energy	Rich Resources, Low McDep, Low Debt (Meter Reader)
15-Apr	WLL	Whiting Petroleum	New Buy on Chairman Volker's Prudhoe Bay (ISCW)
12-Apr		ConocoPhillips	Bad Government Actions Good for Oil Profits (Meter Reader
8-Apr	RRC	Range Resources	Raise NPV to \$60 from \$50 a Share (Income and Small Cap)
5-Apr	CVX	Chevron	Raise NPV to \$154 a Share from \$146 (Meter Reader)
1-Apr	SJT	San Juan Basin Royalty Trust	Remove Buy at McDep Ratio of 1.10 (ISCW)
29-Mar		Exxon Mobil	Natural Gas Enhanced by Nuclear (Meter Reader)
22-Mar		PetroChina	Overlooked Oil in PTR Stock (Meter Reader)
	LUKOY	Lukoil	Lukoil and Russia Ride the Rise of Oil (Meter Reader)
11-Mar		Hugoton Royalty Trust	Contrarian Commodity Income (Income and SC Weekly)
8-Mar	CNO	Canadian Natural Resources	End Buy (Meter Reader)
1-Mar	CVE	Cenovus Energy	High Growth in Deep Oil Sands (Meter Reader)
	WOPEY	Woodside Petroleum Ltd.	Double LNG Late 2011
	OGZPY	Gazprom	Nearer Accord on Natural Gas to China (Meter Reader)
	PEYUF	Peyto Exploration	Raise NPV to \$24 a Share from \$20 (Income and Small Cap)
16-Feb		Cimarex Energy	Raise NPV to \$120 on Oil Reserves
10-Feb		Encana	\$C5.4 Billion Joint Venture Highlights Undervaluation
4-Feb	HK	Petrohawk	Raise NPV to \$24 a Share from \$20 (Income and Small Cap)
	OXY	Occidental Petroleum	Growing U.S. Oil Production
	MRO	Marathon Oil	Refining/Marketing Spinoff May Boost Value 27% (MR)
	IMO		
11-Jan	livio	Imperial Oil	Accelerating Growth (Meter Reader)
	For historical resea	rch by stock, go to mcdep.com, c	lick on Stock Ideas, click on stock by name.
	Reader		
17-May		Petrobras	Out-of-Favor Oil Growth
10-May	EOG	EOG Resources	High-Profit Light Sweet North American Oil
3-May	TOT	Total	Profiting Outside U.S.
26-Apr		Large Cap Weekly Analysis	Sell in May? No Way
	For earlier editions	, go to mcdep.com, click on Mete	r Reader.
Income	and Small Cap	Weekly	
20-May		Sabine Royalty Trust	Raise NPV to \$70 from \$59 on Rising Volume
13-May		Dorchester Minerals, L.P.	Fayetteville and Bakken Growth
6-May	BRY, DNR, LINE	Berry, Denbury, Linn	Raise NPV as Oil Price Swings
	BIREF	Birchcliff Energy	Independent Engineer Confirms Natural Gas Upside
		, go to mcdep.com, click on Energ	



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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.

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