



# Meter Reader

A Weekly Analysis of Large Cap Oil and Gas Stocks

August 2, 2011

## Total S.A.

### Lower NPV to \$100 from \$111 on Cash Flow Margin

<i>Symbol</i>	TOT	<i>Ebitda Next Twelve Months ending 6/30/12 (US\$mm)</i>	37,200
<i>Rating</i>	Contrarian Buy	<i>North American Natural Gas/Ebitda (%)</i>	0
<i>Price (US\$/sh)</i>	53.17	<i>Natural Gas and Oil Production/Ebitda (%)</i>	84
<i>Pricing Date</i>	8/1/11	<i>Adjusted Reserves/Production NTM</i>	9.9
<i>Shares (mm)</i>	2256	<i>EV/Ebitda</i>	4.4
<i>Market Capitalization (US\$mm)</i>	120,000	<i>PV/Ebitda</i>	7.3
<i>Debt (US\$mm)</i>	44,000	<i>Undeveloped Reserves (%)</i>	47
<i>Enterprise Value (EV) (US\$mm)</i>	164,000	<i>Natural Gas and Oil Ebitda (US\$/boe)</i>	39.20
<i>Present Value (PV) (US\$mm)</i>	270,000	<i>Present Value Proven Reserves(US\$/boe)</i>	20.87
<i>Net Present Value (US\$/share)</i>	100	<i>Present Value Proven Reserves(US\$/mcf)</i>	3.48
<i>Debt/Present Value</i>	0.16	<i>Earnings Next Twelve Months (US\$/sh)</i>	7.72
<i>McDep Ratio - EV/PV</i>	0.61	<i>Price/Earnings Next Twelve Months</i>	7
<i>Dividend Yield (%/year)</i>	6.1	<i>Indicated Annual Dividend (US\$/sh)</i>	3.25
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 value presumes a long-term price for oil of US\$100 a barrel and natural gas, \$8 a million btu.			
For historical analysis of TOT since 2004 see <a href="http://www.mcdep.com/1tot.htm">www.mcdep.com/1tot.htm</a>			

### Summary and Recommendation

Contrarian Buy-recommended **Total S.A. (TOT)** offers 64% unlevered appreciation potential to a McDep Ratio of 1.0 where stock price would equal estimated Net Present Value (NPV) of \$100 a share, down from \$111. Lower than expected Ebitda (Cash Flow) Margin calculated from second quarter results released on July 29 triggers the lower NPV (see table [Next Twelve Months Operating and Financial Estimates](#) on page 2). Higher U.K. taxes reduce cash flow and high margin North Sea production is down for maintenance. Management looks for oil and gas volume growth in 2012. Notwithstanding recent margin, Total's reported operations follow trends similar to those of U.S. and European buy-recommended peers in volume and price (see charts [Oil and Gas Production](#) and [Oil and Gas Price](#) on page 3). At the same time, Total's refining is concentrated in Europe where cash flow has been slow to grow (see chart [Downstream](#) on page 4). Reducing its European refining exposure, Total has just completed the sale of its Spanish interests. The company has attractive growth prospects in natural gas at 20% of NPV while most the most cash is generated from oil production at 67% of NPV (see table [Functional Cash Flow and Present Value](#) on page 4). Besides a high return promised by a low McDep Ratio, Total's low debt implies low financial risk and high dividend yield at 6.1% delivers tangible immediate benefits (see [Tables 1-3](#) on pages 5-7). Stock price below its 200-day average suggests that investors may need more patience before a stock price uptrend resumes (see [Table 4](#) on page 8). Finally, oil price trends up with the latest quote for the next six years at \$100 a barrel compared to the 40-week average of \$98 (see table [Six-Year and One-Year Natural Gas and Oil Futures](#) on page 10).

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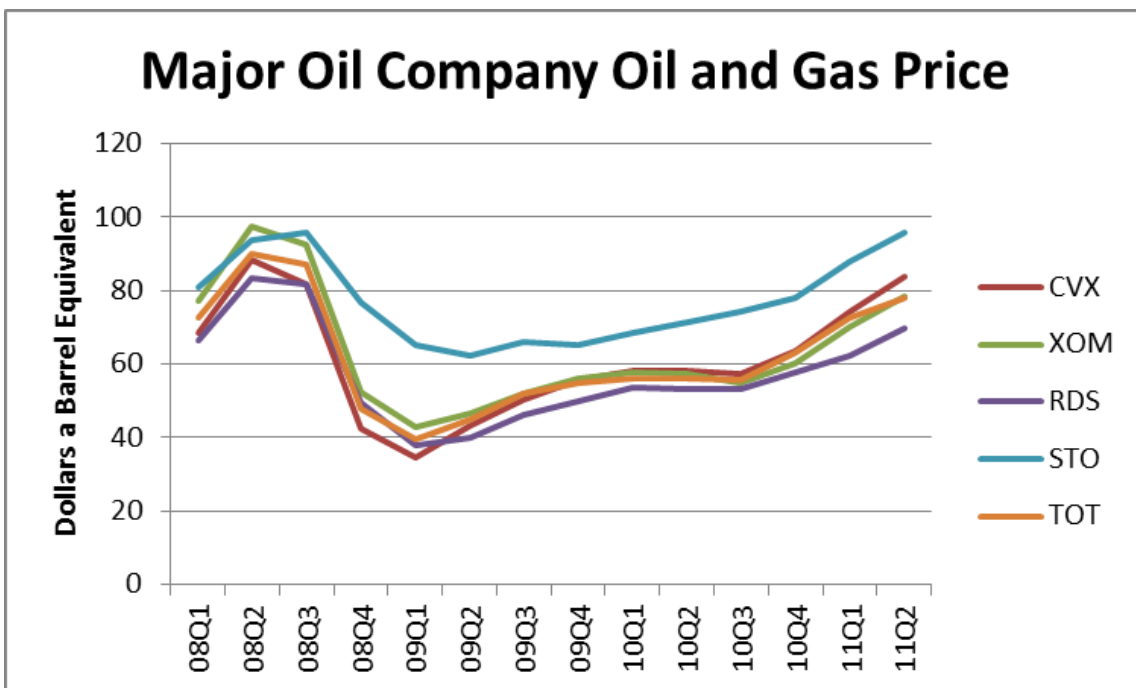
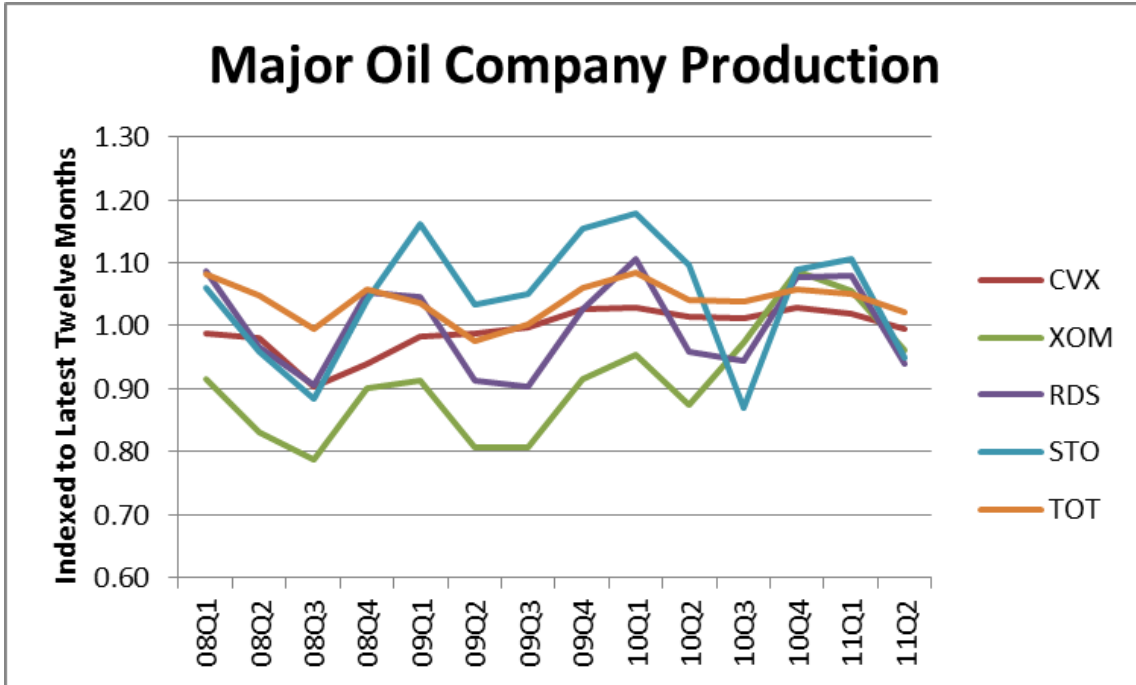
<b>Total S.A.</b>									
<b>Next Twelve Months Operating and Financial Estimates</b>									
	<i>Q4</i>	<i>Q1</i>	<i>Q2</i>	<i>Q3E</i>	<i>Q4E</i>	<i>Year</i>	<i>Q1E</i>	<i>Q2E</i>	<i>Next</i>
	<i>12/31/10</i>	<i>3/31/11</i>	<i>6/30/11</i>	<i>9/30/11</i>	<i>12/31/11</i>	<i>2011E</i>	<i>3/31/12</i>	<i>6/30/12</i>	<i>Months</i>
									<i>6/30/12</i>
<b>Volume</b>									
Natural Gas (mmcf/d)	5,692	5,880	6,077	5,529	5,692	<b>5,793</b>	5,880	6,077	<b>5,809</b>
Oil (mbd)	1,337	1,293	1,197	1,197	1,197	<b>1,221</b>	1,197	1,197	<b>1,197</b>
Total gas & oil (mmb)	210	205	201	195	197	<b>798</b>	198	201	<b>792</b>
Total gas & oil (mbd)	2,286	2,273	2,210	2,119	2,146	<b>2,186</b>	2,177	2,210	<b>2,165</b>
<b>Price</b>									
Dollar (euro/\$)	1.36	1.37	1.44	1.43	1.43	<b>1.41</b>	1.43	1.43	<b>1.43</b>
Natural gas (\$/mmbtu)	5.62	6.19	6.60	6.60	6.60	<b>6.50</b>	6.60	6.60	<b>6.60</b>
Oil (\$/bbl)									
WTI Cushing	85.10	94.10	102.55	95.77	95.89	<b>97.08</b>	97.15	98.40	<b>96.80</b>
Brent	86.50	105.40	117.00	109.27	109.40	<b>110.27</b>	110.84	112.27	<b>110.45</b>
Company	83.70	99.50	110.60	103.29	103.42	<b>104.15</b>	104.78	106.13	<b>104.40</b>
Total gas & oil (\$/bbl)	62.96	72.61	78.06	75.59	75.20	<b>75.37</b>	75.44	75.64	<b>75.47</b>
NY Harbor 3-2-1 (\$/bbl)	11.15	17.69	27.68	31.74	28.87	<b>26.50</b>	27.67	29.24	<b>29.38</b>
Europe (\$/t)	32.30	24.60	16.30	16.30	16.30	<b>18.38</b>	16.30	16.30	<b>16.30</b>
<b>Revenue (mmeuro)</b>									
Natural gas	2,167	2,395	2,536	2,354	2,423	<b>9,708</b>	2,476	2,559	<b>9,813</b>
Oil	7,580	8,464	8,371	7,976	7,985	<b>32,797</b>	8,002	8,106	<b>32,069</b>
Total production	9,746	10,859	10,908	10,330	10,409	<b>42,505</b>	10,479	10,665	<b>41,882</b>
Other	26,014	30,743	29,557	29,557	29,557	<b>119,416</b>	29,557	29,557	<b>118,229</b>
Total	35,760	41,602	40,465	39,887	39,966	<b>161,920</b>	40,036	40,222	<b>160,112</b>
<b>Expense</b>									
Production	4,643	5,032	5,718	5,429	5,468	<b>21,647</b>	5,496	5,590	<b>21,983</b>
Other	25,128	29,757	28,629	28,492	28,394	<b>115,273</b>	28,527	28,516	<b>113,929</b>
<b>Ebitda (mmeuro)</b>									
Production	5,104	5,827	5,190	5,372	5,413	<b>21,801</b>	5,449	5,546	<b>21,779</b>
Other	886	986	928	1,065	1,164	<b>4,143</b>	1,030	1,041	<b>4,300</b>
Total Ebitda	5,990	6,813	6,118	6,436	6,576	<b>25,943</b>	6,479	6,587	<b>26,079</b>
Exploration	197	259	179	179	179	<b>796</b>	200	200	<b>758</b>
Deprec., Deplet., & Amort.	1,767	1,686	1,531	1,531	1,531	<b>6,279</b>	1,531	1,531	<b>6,124</b>
Excess tax and other	(1,076)	(1,501)	(1,488)						
<b>Operating Income</b>									
Upstream	4,695	5,821	5,390						
Downstream	274	286	228						
Chemicals	133	262	278						
Total operating income	5,102	6,369	5,896						
Excess tax and other	1,076	1,501	1,488						
<b>Ebit</b>									
	4,026	4,868	4,408	4,726	4,866	<b>18,868</b>	4,748	4,856	<b>19,197</b>
Interest	83	89	104	104	104	<b>401</b>	104	104	<b>416</b>
<b>Ebt</b>									
	3,943	4,779	4,304	4,622	4,762	<b>18,467</b>	4,644	4,752	<b>18,781</b>
Income Tax	1,380	1,673	1,506	1,618	1,667	<b>6,464</b>	1,626	1,663	<b>6,573</b>
<b>Net Income (mmeuro)</b>									
	2,563	3,106	2,797	3,005	3,095	<b>12,004</b>	3,019	3,089	<b>12,207</b>
<b>Shares (millions)</b>									
	2,248	2,251	2,256	2,256	2,256	<b>2,255</b>	2,256	2,256	<b>2,256</b>
Per share (euro)	1.14	1.38	1.24	1.33	1.37	<b>5.32</b>	1.34	1.37	<b>5.41</b>
Ebitda Margin (E&P)	52%	54%	48%	52%	52%	<b>51%</b>	52%	52%	<b>52%</b>
Tax Rate	35%	35%	35%	35%	35%	<b>35%</b>	35%	35%	<b>35%</b>



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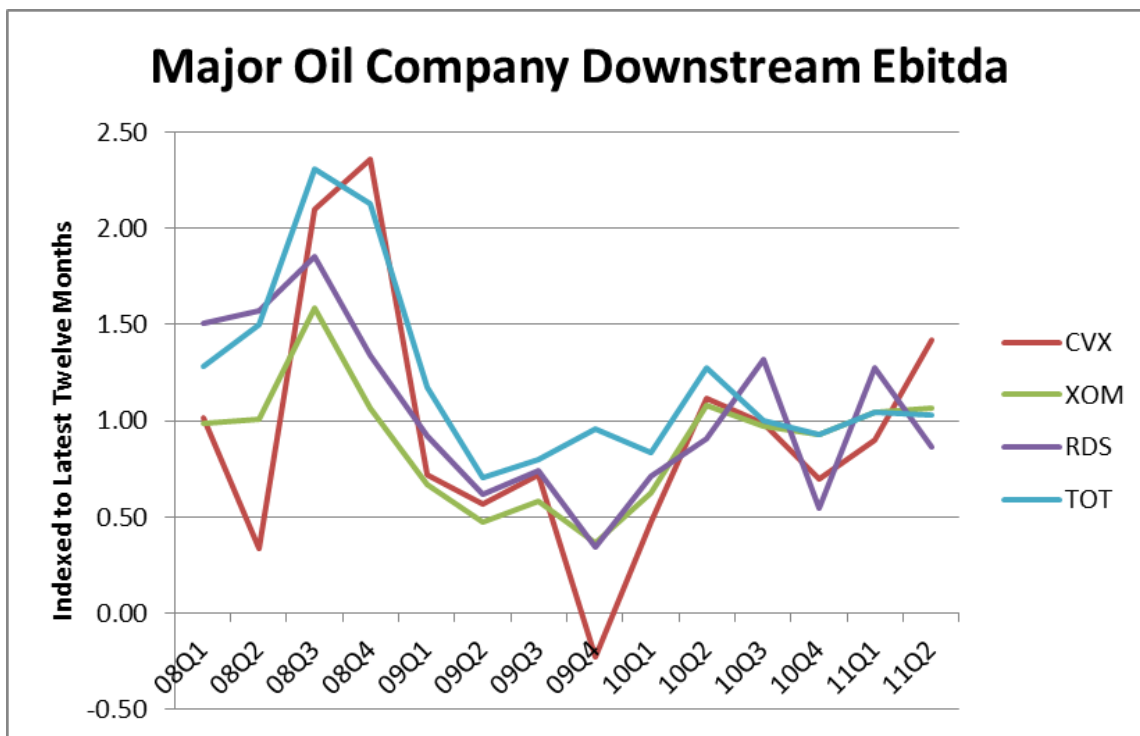




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<b>Total</b>					
<b>Functional Cash Flow and Present Value</b>					
	<i>NTM Ebitda</i>	<i>Adjusted</i>	<i>PV/</i>	<i>Present</i>	
	<i>(US\$mm)</i>	<i>R/P</i>	<i>Ebitda</i>	<i>Value</i>	
				<i>(US\$mm)</i>	
Rest of World Natural Gas	7,280	10.1	7.6	55,000	20%
Oil	23,790	9.8	7.6	180,000	67%
Downstream	6,130		5.7	35,000	13%
	37,200	9.9	7.3	270,000	100%
Debt (US\$mm)					44,000
Net Present Value (US\$mm)					226,000
Shares (mm)					2,256
Net Present Value - Standard Estimate (US\$/sh)					100
NPV Approximation by Cash Flow Multiple Depending on Reserve Life (US\$/sh)					93



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	Symbol/Rating B = Buy, CB (see below)	Price (US\$/sh) 1-Aug 2011	EV/ Market Cap	Enterprise Value (\$mm)	Present Value by Segment (%)					McDep Ratio
					North Amer. Natural Gas	Rest of World Natural Gas	Oil Prod'n	Down- stream		
<b>U.S. Integrated</b>										
Exxon Mobil Corporation	XOM B	79.60	1.18	462,000	9	19	56	16		0.74
ConocoPhillips	COP B	71.99	1.42	142,000	14	11	59	16		0.68
Chevron Corporation	CVX B	105.38	1.13	239,000	3	10	78	9		0.65
<i>Total or Median</i>				<i>843,000</i>			<i>59</i>			<i>0.68</i>
<b>Europe</b>										
BG Group	BRGXF	23.50	1.18	94,800		34	45	21		0.95
Royal Dutch Shell plc	RDS-A B	72.55	1.28	289,000	3	22	54	21		0.80
Statoil ASA (33%)	STO B	24.49	1.49	38,300		34	66	-		0.65
Total S.A.	TOT CB	53.17	1.37	164,000		20	67	13		0.61
BP plc	BP	45.13	1.61	231,000	5	9	67	20		0.60
<i>Total or Median</i>				<i>817,000</i>			<i>66</i>			<i>0.65</i>
<b>Brazil/Russia/Australia/China</b>										
Woodside Petroleum Ltd.	WOPEY	42.50	1.19	39,000		63	37	-		0.95
CNOOC Limited (36%)	CEO	223.38	1.05	37,700		9	91	-		0.90
PetroChina Company Ltd (14%)	PTR B	142.39	1.25	45,800		13	69	18		0.73
Petrobras	PBR CB	34.16	1.26	282,000		2	83	15		0.61
Gazprom (50%)	OGZPY B	14.59	1.24	104,000		80	20	-		0.57
Lukoil Oil Company	LUKOY B	67.35	1.10	58,200			67	33		0.47
<i>Total or Median</i>				<i>567,000</i>			<i>69</i>			<i>0.67</i>
<b>U.S. Independent</b>										
Southwestern Energy Company	SWN	43.77	1.10	16,900	100			-		1.04
Chesapeake Energy Corp.	CHK	34.35	1.53	40,700	82		18	-		1.03
Anadarko Petroleum Corp.	APC	82.86	1.51	62,400	36		61	3		0.95
EOG Resources, Inc.	EOG CB	101.62	1.20	30,500	45	5	50	-		0.81
Occidental Petroleum Corp.	OXY B	97.78	1.10	87,400	8	1	85	6		0.81
Devon Energy Corporation	DVN CB	78.32	1.12	37,700	54		46	-		0.72
Marathon Oil Corporation	MRO B	30.64	1.22	26,800	9	4	88	-		0.62
<i>Total or Median</i>				<i>302,000</i>			<i>61</i>			<i>0.81</i>
<b>Canada</b>										
Cenovus Energy Inc.	CVE B	38.68	1.24	36,400	16		75	9		0.82
Penn West Exploration	PWE	22.29	1.44	14,200	17		83	-		0.79
Imperial Oil Limited (30%)	IMO CB	43.81	1.14	12,800	3		86	11		0.73
EnCana Corporation	ECA CB	29.18	1.51	32,600	90		10	-		0.67
Canadian Natural Resources Lin	CNQ	40.02	1.31	57,900	16		84	-		0.66
Suncor Energy	SU CB	38.21	1.23	74,600	3		81	16		0.65
Canadian Oil Sands Limited	COSWF CB	27.83	1.11	15,000			100	-		0.56
<i>Total or Median</i>				<i>244,000</i>			<i>84</i>			<i>0.67</i>
<b>Composite</b>				<b>2,773,000</b>	<b>9</b>	<b>15</b>	<b>63</b>	<b>13</b>		<b>0.69</b>

CB=Contrarian Buy, Stock Price may be in downtrend compared to 200-day average.



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<b>McDep Large Cap Energy Stocks</b>								
<b>Net Present Value and McDep Ratio</b>								
			<i>Price</i>			<i>Net</i>		
			<i>(US\$/sh)</i>		<i>Market</i>	<i>Present</i>	<i>Debt/</i>	
	<i>Symbol/Rating</i>		<i>1-Aug</i>	<i>Shares</i>	<i>Cap</i>	<i>Value</i>	<i>Present</i>	<i>McDep</i>
	B = Buy, CB (see below)		<i>2011</i>	<i>(mm)</i>	<i>(US\$mm)</i>	<i>(US\$/sh)</i>	<i>Value</i>	<i>Ratio</i>
<b>U.S. Integrated</b>								
Exxon Mobil Corporation	XOM	B	79.60	4,912	391,000	112.00	0.11	0.74
ConocoPhillips	COP	B	71.99	1,388	100,000	119.00	0.20	0.68
Chevron Corporation	CVX	B	105.38	2,009	212,000	170.00	0.07	0.65
<i>Total or Median</i>					<i>703,000</i>		<i>0.11</i>	<i>0.68</i>
<b>Europe</b>								
BG Group plc	BRGXF		23.50	3,410	80,100	25.00	0.15	0.95
Royal Dutch Shell plc	RDS-A	B	72.55	3,114	226,000	96.00	0.18	0.80
Statoil ASA (33%)	STO	B	24.49	1,050	25,700	44.00	0.21	0.65
Total S.A.	TOT	CB	53.17	2,256	120,000	100.00	0.16	0.61
BP plc	BP		45.13	3,186	144,000	93.00	0.23	0.60
<i>Total or Median</i>					<i>596,000</i>		<i>0.18</i>	<i>0.65</i>
<b>Brazil/Russia/Australia/China</b>								
Woodside Petroleum Ltd.	WOPEY		42.50	774	32,900	45.00	0.15	0.95
CNOOC Limited (36%)	CEO		223.38	161	35,900	250.00	0.04	0.90
PetroChina Company Ltd (14%)	PTR	B	142.39	256	36,500	210.00	0.15	0.73
Petrobras	PBR	CB	34.16	6,539	223,400	62.00	0.13	0.61
Gazprom (50%)	OGZPY	B	14.59	5,750	83,900	28.00	0.11	0.57
Lukoil Oil Company	LUKOY	B	67.35	786	52,900	150.00	0.04	0.47
<i>Total or Median</i>					<i>466,000</i>		<i>0.12</i>	<i>0.67</i>
<b>U.S. Independent</b>								
Southwestern Energy Company	SWN		43.77	350	15,300	42.00	0.09	1.04
Chesapeake Energy Corp.	CHK		34.35	774	26,600	33.00	0.36	1.03
Anadarko Petroleum Corp.	APC		82.86	500	41,400	90.00	0.32	0.95
EOG Resources, Inc.	EOG	CB	101.62	250	25,400	130.00	0.14	0.81
Occidental Petroleum Corp.	OXY	B	97.78	813	79,500	123.00	0.07	0.81
Devon Energy Corporation	DVN	CB	78.32	430	33,700	112.00	0.08	0.72
Marathon Oil Corporation	MRO	B	30.64	715	21,910	54.00	0.11	0.62
<i>Total or Median</i>					<i>243,800</i>		<i>0.11</i>	<i>0.81</i>
<b>Canada</b>								
Cenovus Energy Inc.	CVE	B	38.68	758	29,300	49.00	0.16	0.82
Penn West Exploration	PWE		22.29	440	9,800	31.00	0.24	0.79
Imperial Oil Limited (30%)	IMO	CB	43.81	256	11,200	62.00	0.09	0.73
EnCana Corporation	ECA	CB	29.18	739	21,600	51.00	0.23	0.67
Canadian Natural Resources Limited	CNQ		40.02	1,106	44,300	67.00	0.15	0.66
Suncor Energy	SU	CB	38.21	1,587	60,600	64.00	0.12	0.65
Canadian Oil Sands Limited	COSWF	CB	27.83	485	13,500	52.00	0.06	0.56
<i>Total or Median</i>					<i>190,000</i>		<i>0.15</i>	<i>0.67</i>
CB=Contrarian Buy, Stock Price may in downtrend compared to 200-day average.								
McDep Ratio = Market cap and Debt to present value of oil and gas and other businesses								
Estimated present value presumes a long-term price for oil of US\$100 a barrel and natural gas, \$8 a million btu.								



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Table 3								
McDep Large Cap Energy Stocks								
Value Multiples and Distribution Yield								
			Price (US\$/sh)	Adjustd Resrvs/ Prod	PV/ Ebitda	EV/ Ebitda	P/E	Divd or Distrib NTM
	Symbol/Rating		1-Aug 2011	NTM	NTM	NTM	NTM	(%)
	B = Buy, CB (see below)							
<b>U.S. Integrated</b>								
Exxon Mobil Corporation	XOM	B	79.60	14.1	7.4	5.5	9	8.7
ConocoPhillips	COP	B	71.99	12.0	7.5	5.1	9	3.7
Chevron Corporation	CVX	B	105.38	8.5	6.6	4.3	8	3.0
	<i>Total or Median</i>			12.0	7.4	5.1	9	3.7
<b>Europe</b>								
BG Group plc	BRGXF		23.50	17.1	9.5	9.1	17	1.0
Royal Dutch Shell plc	RDS-A	B	72.55	9.0	6.7	5.3	9	4.6
Total S.A.	TOT	CB	53.17	9.9	7.3	4.4	7	6.1
BP plc	BP		45.13	11.1	7.2	4.3	6	3.7
Statoil ASA (33%)	STO	B	24.49	6.8	6.6	4.3	8	4.7
	<i>Total or Median</i>			9.9	7.2	4.4	8	4.6
<b>Brazil/Russia/Australia/China</b>								
Woodside Petroleum Ltd.	WOPEY		42.50	22.5	13.1	12.5	22	2.5
Petrobras	PBR	CB	34.16	13.3	10.9	6.6	11	3.4
PetroChina Company Ltd (14%)	PTR	B	142.39	13.4	7.3	5.3	10	3.8
CNOOC Limited (36%)	CEO		223.38	6.5	5.3	4.8	8	2.6
Gazprom (50%)	OGZPY	B	14.59	30.2	6.9	4.0	7	2.4
Lukoil Oil Company	LUKOY	B	67.35	16.1	6.1	2.9	4	2.8
	<i>Total or Median</i>			14.8	7.1	5.1	9	2.7
<b>U.S. Independent</b>								
Southwestern Energy Company	SWN		43.77	7.9	11.2	11.6	25	-
Chesapeake Energy Corp.	CHK		34.35	11.6	11.0	11.3	22	1.0
Anadarko Petroleum Corp.	APC		82.86	7.2	7.7	7.3		0.4
Devon Energy Corporation	DVN	CB	78.32	10.3	9.3	6.7	13	0.9
Occidental Petroleum Corp.	OXY	B	97.78	11.5	8.2	6.6	13	1.9
EOG Resources, Inc.	EOG	CB	101.62	9.0	7.8	6.3	22	0.6
Marathon Oil Corporation	MRO	B	30.64	10.1	7.6	4.7	15	2.0
	<i>Total or Median</i>			10.1	8.2	6.7	18	0.9
<b>Canada</b>								
Cenovus Energy Inc.	CVE	B	38.68	22.3	11.0	9.1	25	2.2
EnCana Corporation	ECA	CB	29.18	12.3	13.1	8.8	36	2.7
Imperial Oil Limited (30%)	IMO	CB	43.81	43.3	11.7	8.6	13	1.1
Penn West Exploration	PWE		22.29	8.8	10.7	8.4	19	5.1
Canadian Natural Resources Limited	CNQ		40.02	20.4	11.2	7.4	18	0.9
Canadian Oil Sands Limited	COSWF	CB	27.83	26.4	11.0	6.2	10	4.5
Suncor Energy	SU	CB	38.21	25.2	9.5	6.1	16	1.2
	<i>Total or Median</i>			22.3	11.0	8.4	18	2.2
CB=Contrarian Buy, Stock Price may be in downtrend compared to 200-day average.								
EV = Enterprise Value = Market Cap and Debt; Ebitda = Earnings before interest, tax, depreciation and amortization; NTM = Next Twelve Months Ended June 30, 2012; P/E = Stock Price to Earnings; PV = Present Value of oil and gas and other businesses								



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Table 4									
McDep Large Cap Energy Stocks									
Rank by Enterprise Value to 200 Day Average									
			Price						
	Symbol		(\$/sh)	Enterprise Value/					
			1-Aug	52Wk	52Wk	50 Day	200 Day	McDep	
		Ratin,	2011	High	Low	Avg.	Avg.	Ratio	
<b>U.S. Integrated</b>									
	Chevron Corporation	CVX	B	105.38	0.96	1.38	1.02	1.07	0.65
	Exxon Mobil Corporation	XOM	B	79.60	0.92	1.30	0.98	1.01	0.74
	ConocoPhillips	COP	B	71.99	0.91	1.24	0.99	1.01	0.68
	<i>Median</i>			<i>0.92</i>	<i>1.30</i>	<i>0.99</i>	<i>1.01</i>	<i>0.68</i>	
<b>Europe</b>									
	BG Group plc	BRGXF		117.50	0.92	1.40	1.04	1.05	0.95
	Royal Dutch Shell plc	RDS-A	B	72.55	0.94	1.28	1.02	1.04	0.80
	BP plc	BP		45.13	0.94	1.18	1.01	1.01	0.60
	Statoil ASA (33%)	STO	B	24.49	0.88	1.20	0.99	1.00	0.65
	Total S.A.	TOT	CB	53.17	0.87	1.11	0.97	0.95	0.61
	<i>Median</i>			<i>0.92</i>	<i>1.24</i>	<i>1.00</i>	<i>1.01</i>	<i>0.67</i>	
<b>Brazil/Russia/Australia/China</b>									
	Lukoil Oil Company	LUKOY	B	67.35	0.90	1.25	1.05	1.06	0.47
	Gazprom (50%)	OGZPY	B	14.59	0.86	1.34	1.01	1.04	0.57
	PetroChina Company Ltd (14%)	PTR	B	142.39	0.92	1.25	1.00	1.03	0.73
	Petrobras	PBR	CB	34.16	0.83	1.07	1.02	0.97	0.61
	CNOOC Limited (36%)	CEO		223.38	0.83	1.35	0.96	0.96	0.90
	Woodside Petroleum Ltd.	WOPEY		42.50	0.84	1.15	0.96	0.96	0.95
	<i>Median</i>			<i>0.85</i>	<i>1.25</i>	<i>1.01</i>	<i>1.00</i>	<i>0.67</i>	
<b>U.S. Independent</b>									
	Chesapeake Energy Corp.	CHK		34.35	0.97	1.39	1.08	1.12	1.03
	Southwestern Energy Company	SWN		42.11	0.90	1.38	1.00	1.09	1.04
	Anadarko Petroleum Corp.	APC		82.86	0.98	1.43	1.05	1.07	0.95
	Occidental Petroleum Corp.	OXY	B	97.78	0.84	1.31	0.95	1.00	0.81
	EOG Resources, Inc.	EOG	CB	101.62	0.86	1.15	0.98	0.99	0.81
	Devon Energy Corporation	DVN	CB	78.32	0.85	1.28	0.98	0.97	0.72
	Marathon Oil Corporation	MRO	B	30.64					0.62
	<i>Median</i>			<i>0.88</i>	<i>1.34</i>	<i>0.99</i>	<i>1.04</i>	<i>0.81</i>	
<b>Canada</b>									
	Cenovus Energy Inc.	CVE	B	38.68	0.96	1.41	1.05	1.10	0.82
	Imperial Oil Limited (30%)	IMO	CB	43.81	0.81	1.19	0.95	0.97	0.73
	Suncor Energy	SU	CB	38.21	0.82	1.24	0.97	0.97	0.65
	Canadian Oil Sands Limited	COSWF	CB	27.31	0.80	1.20	0.96	0.96	0.56
	EnCana Corporation	ECA	CB	29.18	0.88	1.08	0.96	0.96	0.67
	Canadian Natural Resources	CNQ		40.02	0.81	1.24	0.98	0.95	0.66
	Penn West Exploration	PWE		22.29	0.83	1.17	0.97	0.93	0.79
	<i>Median</i>			<i>0.82</i>	<i>1.20</i>	<i>0.97</i>	<i>0.96</i>	<i>0.67</i>	
CB=Contrarian Buy, Stock Price may be in downtrend compared to 200-day average.									





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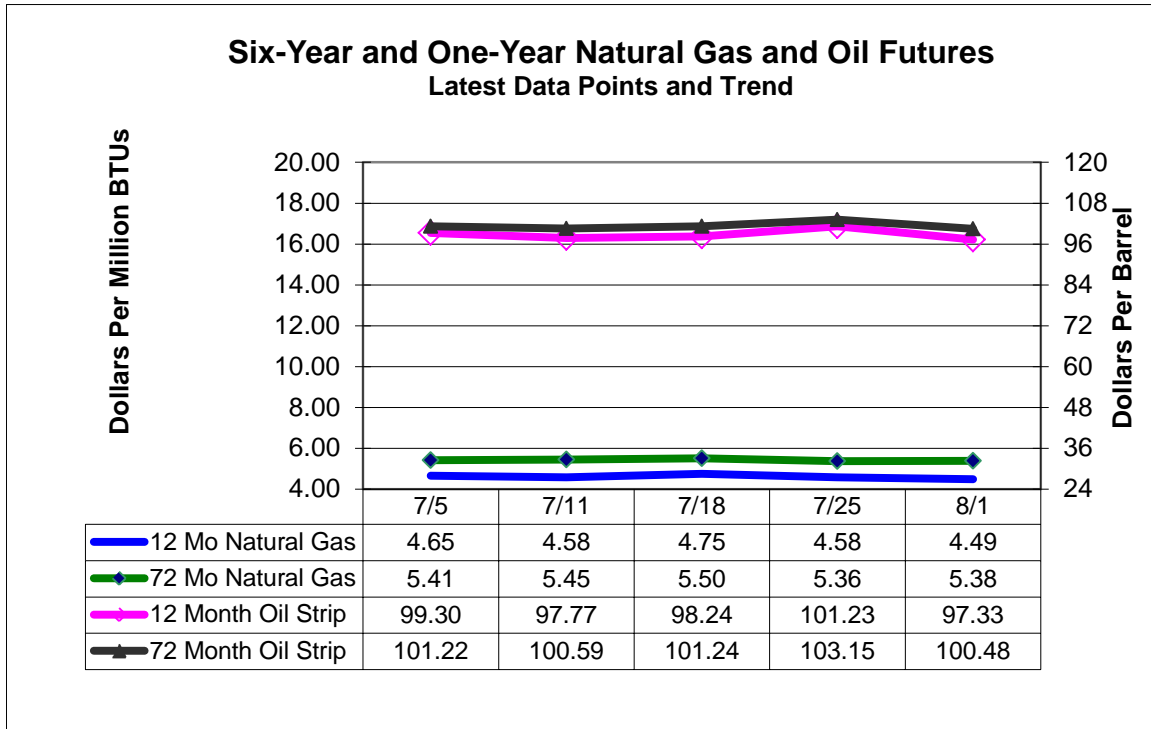
<b>Index of Recent Research</b>			
<b>Stock Ideas</b>			
<i>Date</i>	<i>Symbol</i>	<i>Subject</i>	<i>Theme</i>
29-Jul	WLL	Whiting Petroleum	Appreciation Potential after Stock Price Decline (ISCW)
27-Jul	APC	Anadarko Petroleum	Raise NPV to \$90 from \$78 on Oil Growth
27-Jul	COSWF	Canadian Oil Sands Limited	U.S. Dollar Alternative
26-Jul	ECA	Encana	High Margin at Low Natural Gas Price (Meter Reader)
19-Jul	COP	ConocoPhillips	Downstream Spinoff Promises to Unlock Value (Meter Reader)
15-Jul	HK	Petrohawk	BHP Pays 1.10 McDep Ratio to Acquire HK
5-Jul	DVN	Devon Energy	Thermal Oil Growth in Canada (Meter Reader)
28-Jun	MRO	Marathon Oil	Buy New U.S. Independent Producer (Meter Reader)
24-Jun	HGT, SJT, MTR	Hugoton, San Juan, Mesa RTrust	Income Enhancers (ISC Weekly)
21-Jun	WOPEY	Woodside Petroleum	Remove Buy on Costs and Delay (Meter Reader)
17-Jun	PEYUF	Peyto Exploration	Update Growth (Income and Small Cap)
14-Jun	CVE	Cenovus Energy	Accelerating Deep Oil Sands (Meter Reader)
7-Jun	IMO	Imperial Oil	Double Oil Production by 2020 (Meter Reader)
31-May	OXY	Occidental Petroleum	Triple California Oil Production by 2020 (Meter Reader)
27-May	XEC	Cimarex Energy	Timely Buy on Stock Price Underperformance (ISCW)
24-May	STO	Statoil	Nordic Oil and Gas Stalwart (Meter Reader)
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 Weekly)
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)
22-Apr	ERF	Enerplus Corporation	New Buy - Bakken and Marcellus with 7% Income (ISCW)
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)
29-Mar	XOM	Exxon Mobil	Natural Gas Enhanced by Nuclear (Meter Reader)
22-Mar	PTR	PetroChina	Overlooked Oil in PTR Stock (Meter Reader)
15-Mar	LUKOY	Lukoil	Lukoil and Russia Ride the Rise of Oil (Meter Reader)
22-Feb	OGZPY	Gazprom	Nearer Accord on Natural Gas to China (Meter Reader)
For historical research by stock, go to <a href="http://mcdep.com">mcdep.com</a> , click on <a href="#">Stock Ideas</a> , click on stock by name.			
<b>Meter Reader</b>			
26-Jul	ECA	Encana	High Margin at Low Natural Gas Price
19-Jul	COP	ConocoPhillips	Downstream Spinoff Promises to Unlock Value
12-Jul	EOG, DVN, OXY, ECA, MRO		Shale Strategy III
5-Jul	DVN	Devon Energy	Thermal Oil Growth in Canada
For earlier editions, go to <a href="http://mcdep.com">mcdep.com</a> , click on <a href="#">Meter Reader</a> .			
<b>Income and Small Cap Weekly</b>			
29-Jul	WLL	Whiting Petroleum	Appreciation Potential after Stock Price Decline
22-Jul			Income and Small Cap 23% of McDep Buy Portfolio
15-Jul			In Oil and Gas We Trust
8-Jul			Shale Strategy II
For earlier editions, go to <a href="http://mcdep.com">mcdep.com</a> , click on <a href="#">Energy Income</a> .			



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