



Meter Reader

A Weekly Analysis of Large Cap Oil and Gas Stocks

April 3, 2012

PetroChina (PTR) Global Growth in Oil and Gas

<i>Symbol</i>	PTR	<i>Ebitda Next Twelve Months ending 3/31/13 (US\$mm)</i>	73,000
<i>Rating</i>	Buy	<i>North American Natural Gas/Ebitda (%)</i>	0
<i>Price (US\$/sh)</i>	141.69	<i>Natural Gas and Oil Production/Ebitda (%)</i>	85
<i>Pricing Date</i>	4/2/12	<i>Adjusted Reserves/Production NTM</i>	13.2
<i>Shares (mm)</i>	1830	<i>EV/Ebitda</i>	4.8
<i>Market Capitalization (US\$mm)</i>	259,000	<i>PV/Ebitda</i>	6.5
<i>Debt (US\$mm)</i>	91,000	<i>Undeveloped Reserves (%)</i>	42
<i>Enterprise Value (EV) (US\$mm)</i>	350,000	<i>Natural Gas and Oil Ebitda (US\$/boe)</i>	47.30
<i>Present Value (PV) (US\$mm)</i>	475,000	<i>Present Value Proven Reserves(US\$/boe)</i>	18.22
<i>Net Present Value (US\$/share)</i>	210	<i>Present Value Proven Reserves(US\$/mcf)</i>	3.04
<i>Debt/Present Value</i>	0.19	<i>Earnings Next Twelve Months (US\$/sh)</i>	17.69
<i>McDep Ratio - EV/PV</i>	0.74	<i>Price/Earnings Next Twelve Months</i>	8
<i>Dividend Yield (%/year)</i>	3.7	<i>Indicated Annual Dividend (US\$/sh)</i>	5.19
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.			
The Peoples Republic of China holds 86% of the outstanding shares.			
Estimated present value presumes a long-term price for oil of US\$100 a barrel.			
For historical analysis of PTR since 2001 see www.mcdep.com/3ptr.htm			

Summary and Recommendation

Buy-recommended **PetroChina (PTR)** offers a total return of stock price gain and dividends of 15% a year on the face of our estimates. The unlevered return of 7% a year we expect on oil and gas production before inflation becomes 9.5% a year when divided by McDep Ratio of 0.74. The levered return becomes 11.7% a year when divided by the equity ratio (1.00 minus Debt/Present Value). Add long-term inflation of about 3% and the total return to stock investors approaches 15% a year. Though our estimates of future return are unavoidably uncertain, PTR stock delivered 27% a year return for the past ten years. Looking ahead the urgency may have increased for the Chinese government to allow the company to earn more of a free market return because the discoveries of shale oil and shale gas are raising the relative strength of the rival U.S. economy and American companies. In PTR's latest financial results disclosed on March 29, reduction in the rate of windfall tax boosted oil production profits, but price controls on refined products and the inability to pass along the high price of imported liquefied natural gas caused a larger loss in other operations (see table [NTM Operating and Financial Estimates](#) on page 2). Some of the gain we expect in stock price to \$210 a share from the current quote of \$142 presumes a return to profitability for downstream operations (see table [Functional Cash Flow and Present Value](#) on page 3). Along with a low McDep Ratio (see [Table 1](#) and [Table 2](#) on pages 4 and 5), dividend yield is attractive at 3.6% a year (see [Table 3](#) on page 6) and stock price is trending up compared to the 200-day average (see [Table 4](#) on page 9).

Kurt H. Wulff, CFA



Meter Reader

A Weekly Analysis of Large Cap Oil and Gas Stocks

April 3, 2012

PetroChina Company Limited									
Next Twelve Months Operating and Financial Estimates									
	<i>Q1</i>	<i>Q4</i>	<i>Year</i>	<i>Q1E</i>	<i>Q2E</i>	<i>Q3E</i>	<i>Year</i>	<i>Q1E</i>	<i>Twelve</i>
	<i>3/31/11</i>	<i>12/31/11</i>	<i>2011</i>	<i>3/31/12</i>	<i>6/30/12</i>	<i>9/30/12</i>	<i>2012E</i>	<i>3/31/13</i>	<i>Months E</i>
									<i>3/31/13</i>
Volume									
Natural gas (bcf)	639	661	2,396	685	580	582	2,547	718	2,580
Natural Gas (mmcf)	7,103	7,185	6,564	7,530	6,368	6,325	6,960	7,981	7,070
Days	90	92	365	91	91	92	366	90	365
Oil (mmb)	219	216	886	223	223	226	897	221	895
Oil (mmbd)	2,434	2,348	2,427	2,452	2,452	2,452	2,452	2,452	2,452
Total gas & oil (mmb)	326	326	1,285	337	320	323	1,322	340	1,325
Total gas & oil (mmbd)	3,618	3,545	3,521	3,707	3,513	3,506	3,612	3,782	3,630
Price									
Natural gas (\$/mcf)									
Henry Hub (\$/mmbtu)	4.11	3.55	4.04	2.73	2.21	2.50	2.59	3.40	2.76
Company	4.43	6.81	5.33	5.33	5.33	5.33	5.33	5.33	5.33
Oil (\$/bbl)									
WTI Cushing	94.10	94.06	95.12	102.93	105.45	106.70	105.63	107.58	106.79
Company	91.85	105.50	104.20	115.46	111.45	112.70	113.26	113.58	112.79
Total gas & oil (\$/bbl)	70.49	83.67	81.75	87.18	87.43	88.42	87.15	84.87	86.55
NY Harbor 3-2-1 (\$/bbl)	17.69	21.79	25.56	24.31	34.33	28.85	27.22	25.26	27.45
Revenue (\$mm)									
Natural Gas	2,832	4,501	12,759	3,649	3,086	3,099	13,565	3,825	13,742
Oil	20,124	22,789	92,321	25,758	24,865	25,419	101,629	25,061	100,931
Total	22,956	27,289	105,081	29,407	27,951	28,518	115,194	28,886	114,673
RMB/\$US	6.58	6.36	6.46	6.30	6.30	6.30	6.30	6.30	6.30
Total Upstream (RMB)	151,053	173,561	678,878	185,222	176,053	179,622	725,551	181,938	722,268
Other (Downstream)	294,927	325,498	1,271,420	325,498	325,498	325,498	1,301,992	325,498	1,301,992
Total Revenue (RMB)	445,980	520,935	2,003,843	510,720	501,550	505,120	2,027,543	507,436	2,024,259
Expense									
Ebitda (RMB)									
Exploration and Production	71,455	126,242	372,030	101,230	96,219	98,170	396,540	99,436	394,745
Other	19,313	(38,914)	(11,598)	17,000	17,000	17,000	68,000	17,000	68,000
Total	90,768	87,328	360,433	118,230	113,219	115,170	464,540	116,436	462,745
Exploration	7,685	2,847	23,908	2,847	2,847	2,847	11,388	2,847	11,388
Deprec., Deplet., & Amort.	31,265	35,359	138,073	35,359	35,359	35,359	141,436	35,359	141,436
Other non cash			-				-		-
Ebit	51,818	49,122	198,452	80,024	75,013	76,964	311,716	78,230	309,921
Interest	1,917	4,679	10,886	4,679	4,679	4,679	18,716	4,679	18,716
Ebt	49,901	44,443	187,566	75,345	70,334	72,285	293,000	73,551	291,205
Income Tax	12,898	13,333	53,573	22,604	21,100	21,685	87,900	22,065	87,362
Net Income (RMB)									
Exploration and Production	45,865	58,748	219,539						
Other	10,877	(30,109)	(37,078)						
Unallocated	(19,739)	2,471	(48,468)						
Total	37,003	31,110	133,993	52,742	49,234	50,599	205,100	51,486	203,844
Shares (millions)									
Earnings per share (RMB)	20	17	73	29	27	28	112	28	111
Ebitda Margin (E&P)	47%	73%	55%	55%	55%	55%	55%	55%	55%
Tax Rate	26%	30%	29%	30%	30%	30%	30%	30%	30%

PetroChina					
Functional Cash Flow and Present Value					
	<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>	
Natural Gas	7,500	19.2	9.6	72,000	15%
Oil	55,200	10.4	6.1	335,000	71%
Downstream	10,800		6.3	68,000	14%
	73,500	13.2	6.5	475,000	100%
Debt (US\$mm)					91,000
Net Present Value (US\$mm)					384,000
Shares (mm)					1,830
Net Present Value - Standard Estimate (US\$/sh)					210
NPV Approximation by Cash Flow Multiple Depending on Reserve Life (US\$/sh)					236

Boosted Volume & Efficiency of Refined Oil Product Sales by Seizing Market Opportunities



Major Oil Products Sales Volume

'000 ton	2010	2011	Change
Sales of Oil Products	120,833	145,532	+20.4%
Including:			
Gasoline	36,328	43,967	+21.0%
Kerosene	6,716	9,778	+45.6%
Diesel	77,789	91,787	+18.0%

Nationwide Oil Product Sales Network





Meter Reader

A Weekly Analysis of Large Cap Oil and Gas Stocks

April 3, 2012

Table 1										
McDep Large Cap Energy Stocks										
Geographic Domicile and Business Segments										
					Present Value by Segment (%)					
		Price	EV/	Enterprise	North	Rest				
Symbol/Rating		(US\$/sh)	Market	Value	Amer.	of World	Oil	Down-	McDep	
B = Buy, CB (see below)		2-Apr	Cap	(\$mm)	Natural	Natural	Prod'n	stream	Ratio	
U.S. and Europe Integrated										
BG Group	BRGXF		23.70	1.22	98,400		25	48	26	0.96
Exxon Mobil Corporation	XOM B		87.07	1.19	494,000	8	19	57	16	0.82
Royal Dutch Shell plc	RDS-A B		71.19	1.28	285,000	3	21	58	18	0.75
Statoil ASA (33%)	STO B		27.53	1.47	42,600		33	67	-	0.71
Chevron Corporation	CVX B		108.30	1.13	244,000	3	11	77	10	0.67
BP plc	BP		45.34	1.58	230,000	4	9	62	25	0.65
Total S.A.	TOT B		52.36	1.36	161,000		23	63	14	0.60
<i>Total or Median</i>					1,555,000			62		0.71
Brazil/Russia/Australia/China										
Woodside Petroleum Ltd.	WOPEY		37.10	1.26	37,000		67	33	-	0.86
CNOOC Limited (36%)	CEO		206.95	1.01	33,700		9	91	-	0.83
PetroChina Company Ltd (14%)	PTR B		141.69	1.35	49,000		15	71	14	0.74
Petrobras	PBR CB		26.61	1.40	242,000		8	77	15	0.51
Gazprom (50%)	OGZPY B		12.44	1.24	88,000		11	13	76	0.50
Lukoil Oil Company	LUKOY B		60.90	1.05	51,600			72	28	0.42
<i>Total or Median</i>					501,000			71		0.63
U.S. Independent										
EOG Resources, Inc.	EOG B		113.35	1.19	34,200	31	4	65	-	0.95
Anadarko Petroleum Corp.	APC		79.11	1.48	58,100	33		64	3	0.94
Chesapeake Energy Corp.	CHK		23.31	2.04	35,700	61		39	-	0.93
Occidental Petroleum Corp.	OXY B		97.48	1.10	87,200	8	1	83	9	0.83
Southwestern Energy Company	SWN		30.90	1.14	12,300	100			-	0.79
Devon Energy Corporation	DVN B		72.33	1.25	36,500	52		48	-	0.75
ConocoPhillips	COP B		76.87	1.44	144,000	12	11	59	18	0.75
Marathon Oil Corporation	MRO B		32.23	1.38	31,500	7	3	90	-	0.67
<i>Total or Median</i>					440,000			64		0.81
Canada										
Cenovus Energy Inc.	CVE B		36.27	1.27	34,800	11		82	7	0.80
Imperial Oil Limited (30%)	IMO B		46.63	1.16	13,800	2		84	14	0.78
Penn West Exploration	PWE		19.70	1.49	13,900	11		89	-	0.74
EnCana Corporation	ECA CB		19.76	1.63	23,700	87		13	-	0.65
Suncor Energy	SU B		33.41	1.28	67,200	2		83	15	0.58
Canadian Oil Sands Limited	COSWF CB		21.23	1.20	12,400			100	-	0.45
<i>Total or Median</i>					166,000			84		0.70
Composite					2,662,000	7	14	63	16	0.69

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



Meter Reader

A Weekly Analysis of Large Cap Oil and Gas Stocks

April 3, 2012

Table 2								
McDep Large Cap Energy Stocks								
Net Present Value and McDep Ratio								
			Price (US\$/sh)	Shares	Market Cap (US\$mm)	Net Present Value (US\$/sh)	Debt/ Present Value	McDep Ratio
	Symbol/Rating		2-Apr 2012	(mm)				
B = Buy, CB (see below)								
U.S. and Europe Integrated								
BG Group plc	BRGXF		23.70	3,415	80,900	25.00	0.17	0.96
Exxon Mobil Corporation	XOM	B	87.07	4,775	416,000	110.00	0.13	0.82
Royal Dutch Shell plc	RDS-A	B	71.19	3,121	222,000	102.00	0.17	0.75
Statoil ASA (33%)	STO	B	27.53	1,050	28,900	44.00	0.23	0.71
Chevron Corporation	CVX	B	108.30	1,987	215,000	170.00	0.08	0.67
BP plc	BP		45.34	3,203	145,000	84.00	0.24	0.65
Total S.A.	TOT	B	52.36	2,264	119,000	100.00	0.16	0.60
<i>Total or Median</i>					<i>1,227,000</i>		<i>0.17</i>	<i>0.71</i>
Brazil/Russia/Australia/China								
Woodside Petroleum Ltd.	WOPEY		37.10	797	29,600	45.00	0.17	0.86
CNOOC Limited (36%)	CEO		206.95	162	33,400	250.00	0.01	0.83
PetroChina Company Ltd (14%)	PTR	B	141.69	256	36,300	210.00	0.19	0.74
Petrobras	PBR	CB	26.61	6,473	172,300	62.00	0.15	0.51
Gazprom (50%)	OGZPY	B	12.44	5,750	71,500	28.00	0.09	0.50
Lukoil Oil Company	LUKOY	B	60.90	809	49,300	150.00	0.02	0.42
<i>Total or Median</i>					<i>392,000</i>		<i>0.12</i>	<i>0.63</i>
U.S. Independent								
EOG Resources, Inc.	EOG	B	113.35	253	28,700	120.00	0.15	0.95
Anadarko Petroleum Corp.	APC		79.11	498	39,400	86.00	0.30	0.94
Chesapeake Energy Corp.	CHK		23.31	750	17,500	27.00	0.47	0.93
Occidental Petroleum Corp.	OXY	B	97.48	812	79,100	120.00	0.08	0.83
Southwestern Energy Company	SWN		30.90	350	10,800	40.00	0.10	0.79
Devon Energy Corporation	DVN	B	72.33	405	29,300	102.00	0.15	0.75
ConocoPhillips	COP	B	76.87	1,306	100,000	114.00	0.23	0.75
Marathon Oil Corporation	MRO	B	32.23	707	22,790	54.00	0.19	0.67
<i>Total or Median</i>					<i>327,600</i>		<i>0.17</i>	<i>0.81</i>
Canada								
Cenovus Energy Inc.	CVE	B	36.27	758	27,500	48.00	0.17	0.80
Imperial Oil Limited (30%)	IMO	B	46.63	256	11,900	62.00	0.11	0.78
Penn West Exploration	PWE		19.70	471	9,300	30.00	0.24	0.74
EnCana Corporation	ECA	CB	19.76	739	14,600	37.00	0.25	0.65
Suncor Energy	SU	B	33.41	1,572	52,500	64.00	0.13	0.58
Canadian Oil Sands Limited	COSWF	CB	21.23	485	10,300	52.00	0.08	0.45
<i>Total or Median</i>					<i>126,000</i>		<i>0.15</i>	<i>0.70</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, \$6 a million btu.



Meter Reader

A Weekly Analysis of Large Cap Oil and Gas Stocks

April 3, 2012

Table 3								
McDep Large Cap Energy Stocks								
Value Multiples and Dividend Yield								
			Price	Adjustd				
			(US\$/sh)	Resrvs/	PV/	EV/	Dividend	
	Symbol/Rating		2-Apr	Prod	Ebitda	Ebitda	P/E	
	B = Buy, CB (see below)		2012	NTM	NTM	NTM	NTM	
							(%)	
U.S. and Europe Integrated								
BG Group plc	BRGXF		23.70	17.0	9.0	8.6	15	1.0
Exxon Mobil Corporation	XOM	B	87.07	12.8	7.2	5.9	10	2.2
Royal Dutch Shell plc	RDS-A	B	71.19	10.2	6.6	4.9	8	4.8
BP plc	BP		45.34	10.9	7.1	4.6	6	3.7
Statoil ASA (33%)	STO	B	27.53	6.5	6.0	4.3	8	4.0
Chevron Corporation	CVX	B	108.30	9.1	6.4	4.3	8	3.0
Total S.A.	TOT	B	52.36	10.2	6.8	4.1	7	5.8
	<i>Median</i>			<i>10.2</i>	<i>6.8</i>	<i>4.6</i>	<i>8</i>	<i>3.7</i>
Brazil/Russia/Australia/China								
Woodside Petroleum Ltd.	WOPEY		37.10	15.2	8.1	7.0	11	3.0
Petrobras	PBR	CB	26.61	13.2	9.3	4.8	7	3.8
PetroChina Company Ltd (14%)	PTR	B	141.69	13.2	6.5	4.8	8	3.7
CNOOC Limited (36%)	CEO		206.95	6.9	4.8	4.0	7	3.1
Gazprom (50%)	OGZPY	B	12.44	30.2	5.7	2.8	4	4.6
Lukoil Oil Company	LUKOY	B	60.90	16.6	5.4	2.3	4	3.3
	<i>Median</i>			<i>14.2</i>	<i>6.1</i>	<i>4.4</i>	<i>7</i>	<i>3.5</i>
U.S. Independent								
Southwestern Energy Company	SWN		30.90	8.0	15.4	12.3	19	-
Chesapeake Energy Corp.	CHK		23.31	10.0	9.0	8.4	9	1.5
Anadarko Petroleum Corp.	APC		79.11	8.7	7.1	6.7	22	0.5
Devon Energy Corporation	DVN	B	72.33	10.5	8.2	6.2	12	1.1
EOG Resources, Inc.	EOG	B	113.35	9.4	5.9	5.6	17	0.6
ConocoPhillips	COP	B	76.87	12.3	6.9	5.2	9	3.4
Occidental Petroleum Corp.	OXY	B	97.48	10.2	6.2	5.1	9	2.2
Marathon Oil Corporation	MRO	B	32.23	10.7	6.2	4.2	8	2.1
	<i>Median</i>			<i>10.1</i>	<i>7.0</i>	<i>5.9</i>	<i>11</i>	<i>1.3</i>
Canada								
EnCana Corporation	ECA	CB	19.76	8.7	15.3	10.0	63	4.0
Cenovus Energy Inc.	CVE	B	36.27	13.6	10.7	8.5	24	2.5
Imperial Oil Limited (30%)	IMO	B	46.63	40.2	9.9	7.7	10	1.0
Penn West Exploration	PWE		19.70	9.1	9.2	6.8	13	5.5
Canadian Oil Sands Limited	COSWF	CB	21.23	20.9	11.7	5.3	8	5.7
Suncor Energy	SU	B	33.41	16.2	8.3	4.8	8	1.3
	<i>Median</i>			<i>14.9</i>	<i>10.3</i>	<i>7.3</i>	<i>11</i>	<i>3.3</i>
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 March 31, 2013; P/E = Stock Price to Earnings; PV = Present Value of oil and gas and other businesses								



Meter Reader

A Weekly Analysis of Large Cap Oil and Gas Stocks

April 3, 2012

Table 4								
McDep Large Cap Energy Stocks								
Rank by Enterprise Value to 200 Day Average								
			Price (\$/sh)	Enterprise Value/				
	Symbol		2-Apr	52Wk	52Wk	50 Day	200 Day	McDep
		Rating	2012	High	Low	Avg.	Avg.	Ratio
U.S. and Europe Integrated								
Exxon Mobil Corporation	XOM	B	87.07	0.99	1.24	1.01	1.07	0.82
BG Group plc	BRGXF		23.70	0.93	1.27	1.01	1.07	0.96
Statoil ASA (33%)	STO	B	27.53	0.95	1.22	1.01	1.07	0.71
Chevron Corporation	CVX	B	108.30	0.97	1.21	1.01	1.05	0.67
BP plc	BP		45.34	0.96	1.20	0.99	1.04	0.65
Royal Dutch Shell plc	RDS-A	B	71.19	0.93	1.17	0.99	1.02	0.75
Total S.A.	TOT	B	52.36	0.85	1.21	0.97	1.02	0.60
	<i>Median</i>			<i>0.95</i>	<i>1.21</i>	<i>1.01</i>	<i>1.05</i>	<i>0.71</i>
Brazil/Russia/Australia/China								
Lukoil Oil Company	LUKOY	B	60.90	0.83	1.30	0.99	1.04	0.42
PetroChina Company Ltd (14%)	PTR	B	141.69	0.92	1.19	0.97	1.04	0.74
CNOOC Limited (36%)	CEO		206.95	0.76	1.46	0.96	1.04	0.83
Gazprom (50%)	OGZPY	B	12.44	0.75	1.33	0.98	1.03	0.50
Woodside Petroleum Ltd.	WOPEY		37.10	0.76	1.21	0.99	1.01	0.86
Petrobras	PBR	CB	26.61	0.71	1.19	0.93	0.96	0.51
	<i>Median</i>			<i>0.76</i>	<i>1.25</i>	<i>0.98</i>	<i>1.03</i>	<i>0.63</i>
U.S. Independent								
EOG Resources, Inc.	EOG	B	113.35	0.95	1.53	1.01	1.12	0.95
Marathon Oil Corporation	MRO	B	32.23	0.93	1.53	1.01	1.12	0.67
ConocoPhillips	COP	B	76.87	0.96	1.20	1.02	1.06	0.75
Devon Energy Corporation	DVN	B	72.33	0.82	1.32	1.03	1.05	0.75
Occidental Petroleum Corp.	OXY	B	97.48	0.84	1.41	0.97	1.03	0.83
Anadarko Petroleum Corp.	APC		79.11	0.92	1.23	0.97	1.02	0.94
Chesapeake Energy Corp.	CHK		23.31	0.79	1.06	0.99	0.93	0.93
Southwestern Energy Company	SWN		30.90	0.66	1.08	0.95	0.85	0.79
	<i>Median</i>			<i>0.88</i>	<i>1.27</i>	<i>1.00</i>	<i>1.04</i>	<i>0.81</i>
Canada								
Imperial Oil Limited (30%)	IMO	B	46.63	0.87	1.36	0.99	1.07	0.78
Cenovus Energy Inc.	CVE	B	36.27	0.91	1.25	0.98	1.03	0.80
Suncor Energy	SU	B	33.41	0.76	1.34	0.98	1.02	0.58
Penn West Exploration	PWE		19.70	0.78	1.33	0.95	1.01	0.74
EnCana Corporation	ECA	CB	19.76	0.68	1.09	1.00	0.93	0.65
Canadian Oil Sands Limited	COSWF	CB	21.23	0.64	1.19	0.93	0.93	0.45
	<i>Median</i>			<i>0.77</i>	<i>1.29</i>	<i>0.98</i>	<i>1.01</i>	<i>0.70</i>

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



Meter Reader

A Weekly Analysis of Large Cap Oil and Gas Stocks

April 3, 2012

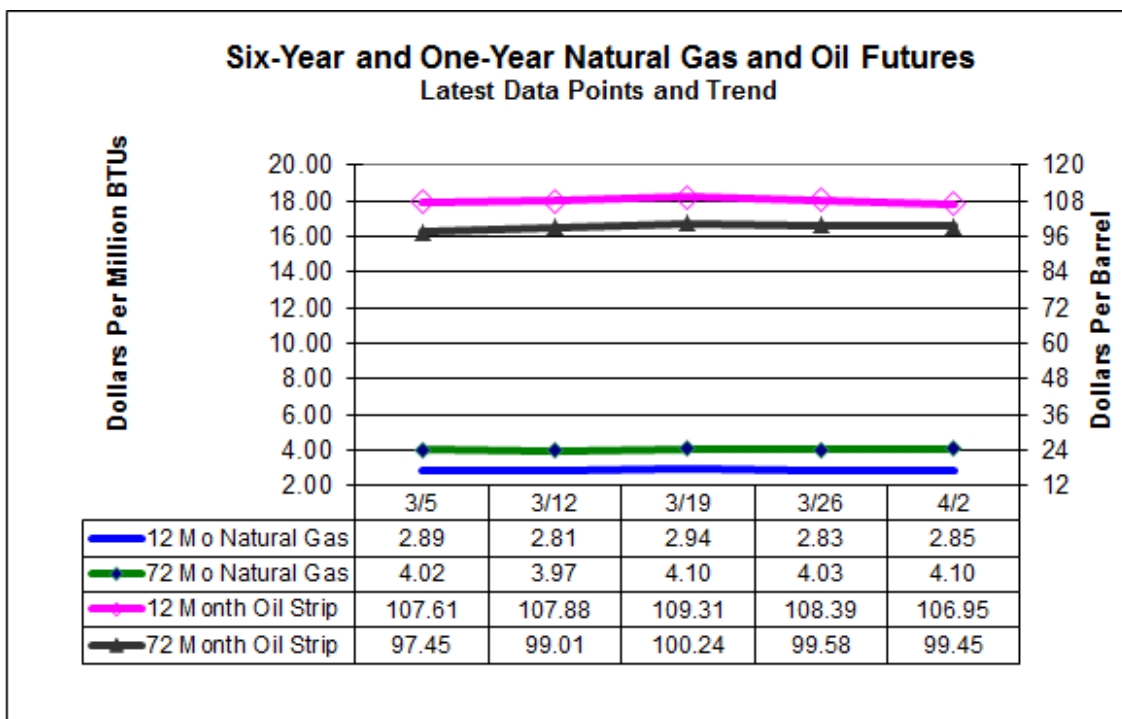
Index of Recent Research			
<i>Date</i>	<i>Symbol</i>	<i>Subject</i>	<i>Theme</i>
30-Mar	BIREF,XEC,PETD,RRC,WLL		Independents Delivering Growth (ISCW)
27-Mar	IMO,COSWF	Imperial, Canadian Oil Sands Ltd.	Optimism on Kearn and Syncrude (Meter Reader)
23-Mar	CRT,HGT,MTR,PEYUF,SJT		Gut Check on Natural Gas (ISCW)
20-Mar	CVX	Chevron	Investing in Australian LNG for Growth (Meter Reader)
13-Mar	XOM	Exxon Mobil	Renewable Energy Cash Flow (Meter Reader)
9-Mar	BRY, DNR, WLL, FRHLF, LGCY		Vote for Oil (Income and Small Cap Weekly)
6-Mar	IMO	Imperial Oil	Kearn Startup Late This Year (Meter Reader)
2-Mar	DMLP	Dorchester Minerals, L.P.	Fourth Quarter Production Up 42% (Income and Small Cap Wkly)
28-Feb	COP	ConocoPhillips	Shale Oil Growth with Alaska Upside (Meter Reader)
24-Feb	BIREF	Birchcliff Energy	Reserves Up 37% in 2011 (Income and Small Cap Weekly)
20-Feb	OGZPY	Gazprom	Dividend Double Expected (Meter Reader)
17-Feb	XEC	Cimarex Energy	Permian Payoff (ISCW)
13-Feb	TOT	Total	Sharpening Competitive Edge (Meter Reader)
3-Feb	CRT	Cross Timbers Royalty Trust	Firm Oil Balances Soft Natural Gas (ISCW)
2-Feb	COSWF	Canadian Oil Sands Limited	Possible Year of High Volume Ahead
31-Jan	OXY	Occidental Petroleum	Delivering U.S. Oil Results (Meter Reader)
27-Jan	PETD	PDC Energy	Raise NPV to \$40 from \$36 on Reserves and Production (ISCW)
24-Jan	SU	Suncor Energy	Oil as a Political Weapon against Canada (Meter Reader)
20-Jan	ERF	Enerplus Corporation	Timlier on Equity Offering Discount (ISCW)
17-Jan	MRO	Marathon Oil	Oil Resources and Shale Growth (Meter Reader)
10-Jan	PTR	PetroChina	A Bit More Free Market Capitalism (Meter Reader)
6-Jan	RRC	Range Resources	Rediscovered Mississippian Oil (Income and Small Cap Weekly)
3-Jan	DVN, TOT, CHK	Devon Energy, Total S.A.	Shale Deals (Meter Reader)
29-Nov	LUKOY, OGZPY	Lukoil, Gazprom	Oil and Gas Undervalued in Russian Stocks (Meter Reader)
23-Nov	WLL	Whiting Petroleum	North Dakota Shale Oil (Income and Small Cap Weekly)
15-Nov	CVE, IMO, SU, COSWF		Buy Canadian Oil on U.S. Presidential Disappointment (MR)
8-Nov	DVN, EOG, OXY, MRO		U.S. Independent Shale Buys (Meter Reader)
4-Nov	NDRO	Enduro Royalty Trust	New Bottom Line Cash Payer (Income and Small Cap Weekly)
1-Nov	RDS	Royal Dutch Shell plc	Raise NPV to \$102 from \$96 on Reappearing Luster (MR)
25-Oct	ECA, PBR	Encana, Petrobras	Most Out-of-Favor Buys (Meter Reader)
18-Oct	APC, BP	Anadarko Petroleum, BP plc	Settle Oil Spill Dispute (Meter Reader)
3-Oct	STO	Statoil	Giant North Sea Oil Discovery (Meter Reader)
For historical research by stock, go to mcdep.com , click on Stock Ideas , click on stock by name.			
Meter Reader			
27-Mar	IMO,COSWF	Imperial, Canadian Oil Sands Ltd.	Optimism on Kearn and Syncrude
20-Mar	CVX	Chevron	Investing in Australian LNG for Growth
13-Mar	XOM	ExxonMobil	Renewable Energy Cash Flow
6-Mar	IMO	Imperial Oil	Kearn Startup Late This Year
For earlier editions, go to mcdep.com , click on Meter Reader .			
Income and Small Cap Weekly			
30-Mar	BIREF,XEC,PETD,RRC,WLL		Independents Delivering Growth
23-Mar	CRT,HGT,MTR,PEYUF,SJT		Gut Check on Natural Gas
16-Mar			Bullish for U.S. Economic Growth
9-Mar	BRY, DNR, WLL, FRHLF, LGCY		Vote for Oil
For earlier editions, go to mcdep.com , click on Energy Income .			



Meter Reader

A Weekly Analysis of Large Cap Oil and Gas Stocks

April 3, 2012



Disclaimer: This analysis was prepared by Kurt Wulff, Manager of McDep LLC. 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.

McDep or its employees may take positions in stocks the firm covers for research purposes. No trades in a subject stock shall be made within a week before or after a change in recommendation.

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.