

PetroChina Gets a Bit More Free Market Capitalism

Symbol	PTR	Ebitda Next Twelve Months ending 12/31/12 (US\$mm)	74,000
Rating	Buy	North American Natural Gas/Ebitda (%)	0
Price (US\$/sh)	139.89	Natural Gas and Oil Production/Ebitda (%)	81
Pricing Date	1/9/12	Adjusted Reserves/Production NTM	13.3
Shares (mm)	1830	EV/Ebitda	4.5
Market Capitalization (US\$mm)	256,000	PV/Ebitda	6.3
Debt (US\$mm)	77,000	Undeveloped Reserves (%)	42
Enterprise Value (EV) (US\$mm)	333,000	Natural Gas and Oil Ebitda (US\$/boe)	45.10
Present Value (PV) (US\$mm)	461,000	Present Value Proven Reserves(US\$/boe)	16.76
Net Present Value (US\$/share)	210	Present Value Proven Reserves(US\$/mcfe)	2.79
Debt/Present Value	0.17	Earnings Next Twelve Months (US\$/sh)	18.25
McDep Ratio - EV/PV	0.72	Price/Earnings Next Twelve Months	8
Dividend Yield (%/year)	3.9	Indicated Annual Dividend (US\$/sh)	5.47
Note: Estimated cash flow and	l earnings tied to on	e-year futures prices for oil.	
Reported results may va	ry widely from estin	mates. Estimated present value per share revised only infrequence	uently.
The Peoples Republic of	China holds 86% o	f the outstanding shares.	
		rm price for oil of US\$100 a barrel.	
For historical analysis o	f PTR since 2001 s	ee www.mcdep.com/3ptr.htm	

Summary and Recommendation

Slowly, but surely the government of China is relaxing crude oil excise tax and price controls to the delayed benefit of Buy-recommended **PetroChina (PTR)** and other oil and gas producers. Disclosed on January 5, the "special oil income levy" declines from \$23.50 a barrel to \$17.50 on oil priced at \$100. Eventually it should decline to zero, at least in net energy consumers like China, so that it no longer acts to depress domestic production and promote expensive imports. On natural gas, China has initiated market pricing in two provinces while it continues to control domestic prices below market levels in the remainder of the country. Price controls induce shortages by curtailing supply while promoting demand. Such shortages in diesel fuel hasten the drive to move prices of refined product closer to market levels. We see that a favorable oil price outlook, rapid growth in natural gas and improved refined product pricing may combine to boost earnings as much as a third in 2012 (see table <u>Next Twelve Months Operating and Financial Estimates</u> on page 2). Cash flow in connection with reserve life supports estimated Net Present Value (NPV) of \$210 a share compared to current price of \$140 (see <u>Functional Cash Flow and Present Value</u> on page 3). We like PTR stock for participation in emerging market growth.

Oil price of \$97 a barrel for the next six years crosses above the 40-week average of \$96 (see charts <u>Six-Year Commodity Price Meter</u> on page 3 and <u>Six-Year and One-Year Natural Gas and</u> <u>Oil Futures</u> on page 9). McDep Ratio and other valuation measures signal attractive value in PTR and other recommended stocks (see <u>Tables 1-3</u> on pages 4-6). PTR stock also trades on an improving trend above its 200-day average after 5 months below (see <u>Table 4</u> on page 7).

Kurt H. Wulff, CFA



		Pe	troChina (Company Lin	nited				
	Next	t Twelve Mo	onths Oper	ating and Fiı	nancial Est	imates			
									Twelve
	04	<i>Q3</i>	04E	Year	Q1E	Q2E	Q3E	Q4E	Months E
	12/31/10	9/30/11	12/31/11	2011E	3/31/12	6/30/12	9/30/12	12/31/12	12/31/12
Volume		,,					,,		
Natural gas (bcf)	537	549	590	2,325	609	711	604	649	2,573
Natural Gas (mmcfd)	5,832	5,967	6,415	6,370	6,693	7,814	6,564	7,056	7,031
Days	92	92	92	365	91	91	92	92	366
Oil (mmb)	218	224	224	894	222	222	224	224	891
Oil (mbd)	2,373	2,435	2,435	2,449	2,435	2,435	2,435	2,435	2,435
Total gas & oil (mmb)	308	316	322	1,282	323	340	325	332	1,320
Total gas & oil (mbd))	3,345	3,429	3,504	3,511	3,550	3,737	3,529	3,611	3,607
Price	0,010	0,120	2,201	0,011	5,550	5,151	0,02)	2,011	0,007
Natural gas (\$/mcf)									
Henry Hub (\$/mmbtu)	3.80	4.19	3.55	4.04	3.05	3.17	3.30	3.53	3.26
Company	4.80	5.11	5.11	4.85	5.11	5.11	5.11	5.11	5.11
Oil (\$/bbl)		0.111	0.111		0.111	0111	0.111	0.111	0.111
WTI Cushing	85.10	89.76	94.06	95.12	101.36	102.00	102.18	101.66	101.80
Company	76.36	108.12	113.29	106.16	122.09	122.86	123.08	122.45	122.62
Total gas & oil (\$/bbl)	62.54	85.65	88.08	82.86	93.36	90.73	94.43	92.55	92.74
NY Harbor 3-2-1 (\$/bbl)	11.15	35.09	21.79	25.56	18.87	21.38	19.15	14.79	18.55
Revenue (\$mm)	11110	00107	21177	2000	10107	21100	17110	1,	10000
Natural Gas	2,575	2,805	3,015	11,274	3,112	3,633	3,086	3,317	13,148
Oil	16,669	24,219	25,377	94,910	27,051	27,221	27,570	27,429	109,270
Total	19,244	27,024	28,393	106,184	30,163	30,854	30,656	30,746	122,418
RMB/\$US	6.66	6.42	6.32	6.45	6.32	6.32	6.32	6.32	6.32
Total Upstream (RMB)	128,168	173,495	179,377	684,694	190,560	194,924	193,673	194,243	773,400
Other (Downstream)	289,148	325,498	325,498	1,271,420	325,498	325,498	325,498	325,498	1,301,992
Total Revenue (RMB)	417,316	530,661	504,875	1,987,783	516,058	520,422	519,171	519,740	2,075,392
Expense	330,409	437,211	392,651	1,602,454	403,396	405,638	399,996	400,288	1,609,318
Ebitda (RMB)	000,109	,211	0,001	1,002,101	100,070	100,000	577,770	.00,200	1,000,010
Exploration and Production		91,992	87,224	333,012	92,662	94,784	94,176	94,452	376,074
Other		1,457	25,000	52,316	20,000	20,000	25,000	25,000	90,000
Total	86,907	93,450	112,224	385,329	112,662	114,784	119,176	119,452	466,074
Exploration	4,194	2,973	2,973	24,034	2,973	2,973	2,973	2,973	11,892
Deprec., Deplet., & Amort.	30,569	36,212	36,212	138,926	36,212	36,212	36,212	36,212	144,848
Other non cash	(391)	50,212	50,212	-	30,212	30,212	50,212	50,212	-
Ebit	52,535	54,265	73,039	222,369	73,477	75,599	79,991	80,267	309,334
Interest	2,426	1,979	1,979	8,186	1,979	1,979	1,979	1,979	7,916
Ebt	50,109	52,286	71,060	214,183	71,498	73,620	78,012	78,288	301,418
Income Tax	11,609	15,686	21,318	61,558	21,449	22,086	23,403	23,487	90,425
Net Income (RMB)	11,007	10,000	21,010	01,000	21,,	22,000	20,100	20,107	, 0,120
Exploration and Production		57,107							
Other		(10,300)							
Unallocated		(10,207)							
Total	38,500	36,600	49,742	152,625	50,048	51,534	54,608	54,802	210,992
Shares (millions)	1,830	1,830	1,830	1,830	1,830	1,830	1,830	1,830	1,830
Earnings per share (RMB)	21	20	27	83	27	28	30	30	1,000
Ebitda Margin (E&P)	21	53%	49%	49%	49%	49%	49%	49%	49%
Tax Rate	23%	30%	30%	29%	30%	30%	30%	30%	30%



	PetroChina	L								
Functional Cash Flow and Present Value										
				Present						
Λ	TM Ebitda	Adjusted	PV/	Value						
	<u>(US\$mm)</u>	<u>R/P</u>	<u>Ebitda</u>	<u>(US\$mm)</u>						
Natural Gas	6,400	18.8	10.2	65,000	14%					
Oil	53,200	10.6	6.0	321,000	70%					
Downstream	14,200		5.3	75,000	16%					
	73,800	13.3	6.2	461,000	100%					
Debt (US\$mm)					77,000					
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 Dep	ending on Re	eserve Life (US\$/sh)		212					

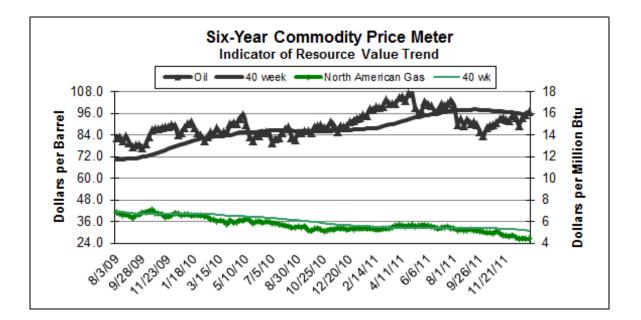




				Table						
	Μ	[cL)ep Lar	ge Car	Energy S	Stocks				
					d Busines		ents			
								a	(0/)	
			D 1				nt Value by	segmen	t (%)	
			Price	FU /	F / 1	North	Rest			
9	1.1/D		(US\$/sh)	EV/	Enterprise	Amer.	of World	0.1	n	14.5
	wmbol/Rat	0	9-Jan	Market	Value	Natural	Natural		Down-	McDep
B = Buy, C	B (see bel	ow)	2012	Cap	(\$ <i>mm</i>)	Gas	Gas	Prod'n	stream	Ratic
U.S. Integrated	NOM	D	05.50	1.17	10 < 000	0	10	57	1.6	0.00
Exxon Mobil Corporation	XOM		85.50	1.17	486,000	8	19	57	16	0.80
ConocoPhillips	COP		72.94	1.43	140,000	12	11	59	17	0.72
Chevron Corporation	CVX	В	109.49	1.11	243,000	2	10	78	9	0.67
Total or Median					869,000			59		0.72
Europe				1.05	00.45-					0.67
BG Group	BRGXF		22.68	1.20	93,100		34	46	21	0.92
Royal Dutch Shell plc	RDS-A		73.98	1.27	294,000	3	20	59	18	0.77
Statoil ASA (33%)	STO	В	25.92	1.44	39,300		34	66	-	0.67
BP plc	BP		44.06	1.64	229,000	3	10	64	23	0.64
Total S.A.	TOT	В	51.25	1.32	153,000		21	66	13	0.58
Total or Median					808,000			64		0.67
Brazil/Russia/Australia/Chin										
CNOOC Limited (36%)	CEO		195.69	1.01	31,900		9	91	-	0.78
Woodside Petroleum Ltd.	WOPEY		31.55	1.26	31,000		64	36	-	0.75
PetroChina Company Ltd (14%)	PTR	В	139.89	1.30	46,600		14	70	16	0.72
Petrobras	PBR	CB	26.88	1.37	238,000		8	77	15	0.51
Gazprom (50%)	OGZPY	CB	11.09	1.22	78,000		64	19	17	0.45
Lukoil Oil Company	LUKOY	CB	55.05	1.07	46,900			72	28	0.38
Total or Median					472,000			70		0.62
U.S. Independent										
Anadarko Petroleum Corp.	APC		80.77	1.47	59,000	32		64	3	0.96
Chesapeake Energy Corp.	CHK		23.56	1.94	34,400	68		32	-	0.93
EOG Resources, Inc.	EOG	В	102.17	1.20	31,500	36	4	60	-	0.87
Southwestern Energy Company	SWN		33.08	1.12	13,000	100			-	0.84
Occidental Petroleum Corp.	OXY	В	96.93	1.09	85,700	8	1	82	9	0.82
Devon Energy Corporation	DVN	CB	65.84	1.22	33,400	52		48	-	0.69
Marathon Oil Corporation	MRO	В	30.63	1.24	27,100	6	4	90	-	0.62
Total or Median					284,000			71		0.84
Canada					,					
Penn West Exploration	PWE		20.77	1.41	13,700	14		86	-	0.76
Imperial Oil Limited (30%)	IMO	В	45.47	1.13	13,200	3		86	11	0.76
Cenovus Energy Inc.	CVE			1.26	32,300	14		77	9	0.75
EnCana Corporation	ECA			1.76	24,300	88		12	-	0.64
Suncor Energy		CB		1.27	62,500	2		87	11	0.55
Canadian Oil Sands Limited	COSWF			1.13	12,800			100	-	0.48
Total or Median					159,000			82		0.70
Composite					2,592,000	8	15	63	14	0.68
composue					2,392,000	ð	13	03	14	0.08



			Table 2					
	McDep) Lai	rge Cap	Energy	Stocks			
Ν	et Pres	ent	Value ar	nd McD	ep Ratio			
			Price			Net		
			(US\$/sh)		Market	Present	Debt/	
	Symbol/R	ating	9-Jan	Shares	Cap	Value	Present	McDep
$\mathbf{B}=\mathbf{Buy},$	CB (see b	elow)	2012	(mm)	(US\$mm)	(US\$/sh)	Value	Ratic
U.S. Integrated								
Exxon Mobil Corporation	XOM	В	85.50	4,843	414,000	110.00	0.12	0.80
ConocoPhillips	COP	B	72.94	1,345	98,000	114.00	0.21	0.72
Chevron Corporation	CVX	B	109.49	1,999	219,000	170.00	0.07	0.67
Total or Median	0.11		10,,,,,,	1,222	731,000	170100	0.12	0.72
Europe					,			
BG Group plc	BRGXF		22.68	3,412	77,400	25.00	0.16	0.92
Royal Dutch Shell plc	RDS-A	В	73.98	3,124	231,000	102.00	0.16	0.77
Statoil ASA (33%)	STO	В	25.92	1,050	27,200	44.00	0.21	0.67
BP plc	BP		44.06	3,170	140,000	84.00	0.25	0.64
Total S.A.	TOT	В	51.25	2,261	116,000	100.00	0.14	0.58
Total or Median					592,000		0.16	0.67
Brazil/Russia/Australia/China								
CNOOC Limited (36%)	CEO		195.69	162	31,600	250.00	0.01	0.78
Woodside Petroleum Ltd.	WOPEY		31.55	787	24,800	45.00	0.16	0.75
PetroChina Company Ltd (14%)	PTR	В	139.89	256	35,800	210.00	0.17	0.72
Petrobras	PBR	CB	26.88	6,465	173,800	62.00	0.14	0.51
Gazprom (50%)	OGZPY	CB	11.09	5,750	63,800	28.00	0.08	0.45
Lukoil Oil Company	LUKOY	CB	55.05	799	44,000	150.00	0.02	0.38
Total or Median					374,000		0.11	0.62
U.S. Independent								
Anadarko Petroleum Corp.	APC		80.77	498	40,200	86.00	0.30	0.96
Chesapeake Energy Corp.	CHK		23.56	753	17,700	27.00	0.45	0.93
EOG Resources, Inc.	EOG	В	102.17	257	26,300	120.00	0.14	0.87
Southwestern Energy Company	SWN		33.08	350	11,600	40.00	0.09	0.84
Occidental Petroleum Corp.	OXY	В	96.93	813	78,800	120.00	0.07	0.82
Devon Energy Corporation	DVN	CB	65.84	415	27,300	102.00	0.13	0.69
Marathon Oil Corporation	MRO	В	30.63	714	21,870	54.00	0.12	0.62
Total or Median					223,800		0.13	0.84
Canada								
Penn West Exploration	PWE		20.77	469	9,700	30.00	0.22	0.76
Imperial Oil Limited (30%)	IMO	В	45.47	256	11,700	62.00	0.09	0.76
Cenovus Energy Inc.	CVE	CB	33.93	758	25,700	48.00	0.15	0.75
EnCana Corporation	ECA	CB	18.71	738	13,800	37.00	0.28	0.64
Suncor Energy	SU	CB	31.18	1,582	49,300	64.00	0.12	0.55
Canadian Oil Sands Limited	COSWF	CB	23.32	485	11,300	52.00	0.06	0.48
Total or Median					122,000		0.13	0.70

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.



			Table 3					
Μ	Dep L	arg	e Cap I	Energy S	tocks			
	-		_	istributio				
			Price	Adjustd				Divd or
			(US\$/sh)	Resrvs/	PV/	EV/		Distrik
	ymbol/Rai		9-Jan	Prod	Ebitda	Ebitda	P/E	NTM
B = Buy, C	B (see bel	low)	2012	NTM	NTM	NTM	NTM	(%)
U.S. Integrated								
Exxon Mobil Corporation	XOM	В	85.50	14.3	6.9	5.6	9	2.2
ConocoPhillips	COP	В	72.94	12.6	7.1	5.1	9	3.6
Chevron Corporation	CVX	В	109.49	8.8	6.1	4.1	7	3.0
Total or Median				12.6	6.9	5.1	9	3.0
Europe								
BG Group plc	BRGXF		22.68	16.8	9.5	8.8	16	1.0
Royal Dutch Shell plc	RDS-A	В	73.98	9.0	6.0	4.6	8	4.5
BP plc	BP		44.06	11.4	6.8	4.4	6	3.8
Statoil ASA (33%)	STO	В	25.92	6.6	6.0	4.1	8	4.0
Total S.A.	TOT	В	51.25	9.9	6.7	3.9	6	5.7
Total or Median	-			9.9	6.7	4.4	8	4.0
Brazil/Russia/Australia/China								
Woodside Petroleum Ltd.	WOPEY		31.55	20.6	8.4	6.3	10	3.5
Petrobras	PBR	CB	26.88	13.6	9.3	4.7	6	4.7
PetroChina Company Ltd (14%)	PTR	B	139.89	13.3	6.3	4.5	8	3.9
CNOOC Limited (36%)	CEO		195.69	6.9	5.1	4.0	7	3.3
Gazprom (50%)	OGZPY	CB	11.09	30.2	5.8	2.6	4	2.7
Lukoil Oil Company	LUKOY		55.05	16.6	5.7	2.2	4	3.4
Total or Median		-		15.1	6.0	4.2	6	3.4
U.S. Independent								
Southwestern Energy Company	SWN		33.08	7.2	13.4	11.3	20	-
Chesapeake Energy Corp.	CHK		23.56	9.7	8.7	8.1	8	1.5
Anadarko Petroleum Corp.	APC		80.77	7.2	7.3	7.0	23	0.4
EOG Resources, Inc.	EOG	В	102.17	9.0	6.7	5.9	19	0.6
Devon Energy Corporation	DVN	CB	65.84	10.2	8.2	5.7	11	1.0
Occidental Petroleum Corp.	OXY	В	96.93	11.1	6.7	5.5	11	1.9
Marathon Oil Corporation	MRO	В	30.63	9.8	5.7	3.5	7	2.0
Total or Median				9.7	7.3	5.9	11	1.0
Canada								
Imperial Oil Limited (30%)	IMO	В	45.47	43.0	12.0	9.1	14	0.9
Cenovus Energy Inc.	CVE	CB	33.93	21.3	11.2	8.4	23	2.3
EnCana Corporation	ECA	CB	18.71	12.2	12.5	8.0	39	4.3
Penn West Exploration	PWE		20.77	8.4	9.5	7.2	16	5.1
Suncor Energy	SU	CB	31.18	24.5	9.1	5.0	8	1.4
Canadian Oil Sands Limited	COSWF		23.32	27.8	10.3	4.9	7	5.0
Total or Median				22.9	10.7	7.6	15	3.3
CB=Contrarian Buy, Stock Price may be	in downtro	end c	ompared to					2.10
EV = Enterprise Value = Market Cap and						eciation		
and amortization; NTM = Next Twelve M								
Earnings; $PV = Present Value of oil and g$,,_,_				



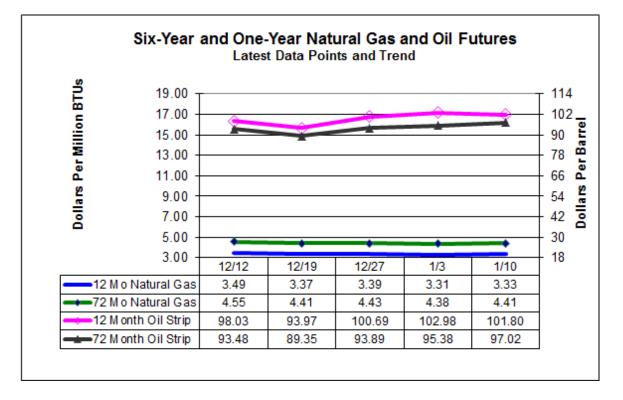
			Table 4					
	McD	ep La	rge Cap	Energy	Stocks			
Ran			ise Value			rage		
		F -			,			
			Price					
			(\$/sh)		Enterprise	Value/		
	Symbol		9-Jan	52Wk	52Wk	50 Day	200 Day	McDep
	-	Rating	2012	High	Low	Avg.	Avg.	Ratio
U.S. Integrated		0		0		0	0	
Chevron Corporation	CVX	В	109.49	0.99	1.23	1.05	1.07	0.67
Exxon Mobil Corporation	XOM	В	85.50	0.97	1.23	1.05	1.07	0.80
ConocoPhillips	COP	В	72.94	0.92	1.16	1.02	1.02	0.72
Median				0.97	1.23	1.05	1.07	0.72
Europe								
Royal Dutch Shell plc	RDS-A	В	73.98	0.96	1.21	1.04	1.05	0.77
BG Group plc	BRGXF		113.39	0.89	1.23	1.05	1.03	0.92
Statoil ASA (33%)	STO	В	25.92	0.91	1.18	1.01	1.03	0.67
BP plc	BP		44.06	0.93	1.17	1.02	1.02	0.64
Total S.A.	TOT	В	51.25	0.84	1.20	1.01	0.98	0.58
Median				0.92	1.20	1.03	1.03	0.70
Brazil/Russia/Australia/China								
PetroChina Company Ltd (14%)	PTR	В	139.89	0.91	1.19	1.08	1.04	0.72
CNOOC Limited (36%)	CEO		195.69	0.72	1.38	1.04	0.94	0.78
Lukoil Oil Company	LUKOY	CB	55.05	0.74	1.18	1.01	0.92	0.38
Petrobras	PBR	CB	26.88	0.70	1.20	1.02	0.92	0.51
Gazprom (50%)	OGZPY	CB	11.09	0.68	1.22	0.99	0.88	0.45
Woodside Petroleum Ltd.	WOPEY		31.55	0.66	1.06	0.94	0.82	0.75
Median				0.71	1.19	1.01	0.92	0.62
U.S. Independent								
Anadarko Petroleum Corp.	APC		80.77	0.96	1.25	1.02	1.04	0.96
EOG Resources, Inc.	EOG	В	102.17	0.86	1.41	1.03	1.03	0.87
Marathon Oil Corporation	MRO	B	30.63	0.90	1.41	1.03	1.03	0.62
Occidental Petroleum Corp.	OXY	B	96.93	0.83	1.41	1.03	1.02	0.82
Devon Energy Corporation	DVN	CB	65.84	0.74	1.23	1.02	0.92	0.69
Chesapeake Energy Corp.	CHK	CD	23.56	0.79	1.04	0.97	0.89	0.93
Southwestern Energy Company	SWN		41.65	0.70	1.06	0.90	0.85	0.84
Median	5,011		41.05	0.83	1.25	1.02	1.02	0.84
Canada				0.05	1.20	1.02	1.02	0.01
Imperial Oil Limited (30%)	IMO	В	45.47	0.84	1.35	1.07	1.03	0.76
Penn West Exploration	PWE		20.77	0.78	1.40	1.07	1.00	0.76
Cenovus Energy Inc.	CVE	CB	33.93	0.86	1.19	1.00	0.98	0.75
Canadian Oil Sands Limited	COSWF	CB	23.34	0.80	1.19	1.03	0.91	0.75
Suncor Energy	SU	CB	31.18	0.69	1.31	1.03	0.91	0.48
EnCana Corporation	ECA	CB	18.71	0.67	1.03	0.98	0.82	0.55
Median	LCA	CD	10./1	0.07	1.03	1.03	0.82	0.04
meanan				5.70	1.20	1.00	0.70	0.75

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



		Index of Rec	ent Research
G4 1 1			
Stock 1			
<u>Date</u>	<u>Symbol</u>	Subject	<u>Theme</u>
5-Jan	RRC	Range Resources	Rediscovers Mississippian Oil (Income and Small Cap Weekly)
3-Jan	DVN, TOT, CHK	Devon Energy, Total S.A.	Shale Deals (Meter Reader)
9-Dec	PETD	PDC Energy	Raise NPV to \$36 from \$32 on Wattenberg Drilling (ISCW)
8-Dec	COSWF	Canadian Oil Sands Limited	Dividend Upside in 2012
6-Dec	COP	ConocoPhillips	Buy Ahead of Downstream Spinoff (Meter Reader)
2-Dec	XEC	Cimarex Energy	Hedged against Frackophobia (ISCW)
	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)
22-Nov	XOM	Exxon Mobil	Stash Your Cash in ExxonMobil Stock (Meter Reader)
18-Nov	DMLP	Dorchester Minerals, L.P.	Insider Accumulation (Income and Small Cap Weekly)
15-Nov	CVE, IMO, SU, CO	DSWF	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)
14-Oct		Enerplus Corporation	Marcellus, Bakken and Canada with 8% Income (ISCW)
3-Oct	STO	Statoil	Giant North Sea Oil Discovery (Meter Reader)
7-Oct	BIREF	Birchcliff Energy	Seeks Offers to Acquire the Company (ISCW)
	RRC, WLL, XEC,		5 Ideas from IPAA San Francisco
	SJT, HGT	San Juan Basin RT, Hugoton RT	Transfer Buy to SJT from HGT (Income and Small Cap Wkly)
*	FRHLF, PBT, SBR		Volume Upside in Top Line Cash Payers (Income and Small Ca
13-Sep		EOG Resources	Horizontal Leads Renewed U.S. Oil Growth (Meter Reader)
30-Aug		PetroChina	China Growth at Low Stock Market Value (Meter Reader)
9-Aug	HK	Petrohawk	Discontinue on Pending Acquisition at NPV Premium (ISCW)
9-Aug	RRC	Range Resources	Raise NPV to \$70 from \$60 a Share (Income and Small Cap)
2-Aug	CVX	Chevron	Raise NPV to \$170 from \$154 on Cash Flow Margin
2-Aug	TOT	Total	Lower NPV to \$100 from \$111 on Cash Flow Margin (MReade
U	WOPEY	Woodside Petroleum	Remove Buy on Costs and Delay (Meter Reader)
	PEYUF	Peyto Exploration	Update Growth (Income and Small Cap)
1/-Juli			lick on <u>Stock Ideas</u> , click on stock by name.
	For historical res	eaten by stock, go to <u>medep.com</u> , e	nek on <u>stock ideas</u> , enek on stock by hame.
Meter	Reader		
3-Jan	DVN, TOT, CHK	Devon Energy, Total S.A.	Shale Deals
27-Dec			Natural Gas Buys and Contrarian Buys for 2012
20-Dec			Centenarians Win Large Cap Race in 2011
13-Dec			No Fluff
	For earlier edition	ns, go to <u>mcdep.com</u> , click on <u>Mete</u>	r Reader.
Incom	e and Small Cap	Weekly	
5-Jan	RRC	Range Resources	Rediscovers Mississippian Oil
29-Dec		Range Resources	Income for 2012
29-Dec 22-Dec			New NPV for \$6 Long-Term Natural Gas Price
16-Dec			Hits Offset Misses in Small Cap Producers
10-Dec	For earlier editio	ns, go to mcdep.com, click on Energy	
		no, 50 to <u>medep.com</u> , enek on <u>Ener</u>	
Indust	ry Ideas		
		Dil and Gas in Canada	Sinopec Bids for Daylight Energy





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