

## **Petrobras (PBR)** Stock Price Recovering

Symbol	PBR	Ebitda Next Twelve Months ending 9/30/13 (US\$mm)	44,000
Rating	Contrarian Buy	North American Natural Gas/Ebitda (%)	0
Price (US\$/sh)	22.85	Natural Gas and Oil Production/Ebitda (%)	84
Pricing Date	10/22/12	Adjusted Reserves/Production NTM	13.1
Shares (mm)	6522	EV/Ebitda	5.1
Market Capitalization (US\$mm)	149,000	PV/Ebitda	8.4
Debt (US\$mm)	76,000	Undeveloped Reserves (%)	36
Enterprise Value (EV) (US\$mm)	225,000	Natural Gas and Oil Ebitda (US\$/boe)	39.20
Present Value (PV) (US\$mm)	369,000	Present Value Proven Reserves(US\$/boe)	21.35
Net Present Value (US\$/share)	45	Present Value Proven Reserves(US\$/mcfe)	3.56
Debt/Present Value	0.21	Earnings Next Twelve Months (US\$/sh)	3.01
McDep Ratio - EV/PV	0.61	Price/Earnings Next Twelve Months	8
Dividend Yield (%/year)	4.5	Indicated Annual Dividend (US\$/sh)	1.04
Note: Estimated cash flow and	earnings tied to on	e-year futures prices for oil and natural gas.	
Reported results may var	y widely from esti	mates. Estimated present value per share revised only infre	equently.
Estimated present value	presumes a long-te	erm price for oil of US\$100 a barrel.	
The Brazilian Governmen	nt and public secto	r entities owns half of Petrobras' equity.	
For historical research o	n Petrobras see ww	ww.mcdep.com/2pbr.htm	

## **Summary and Recommendation**

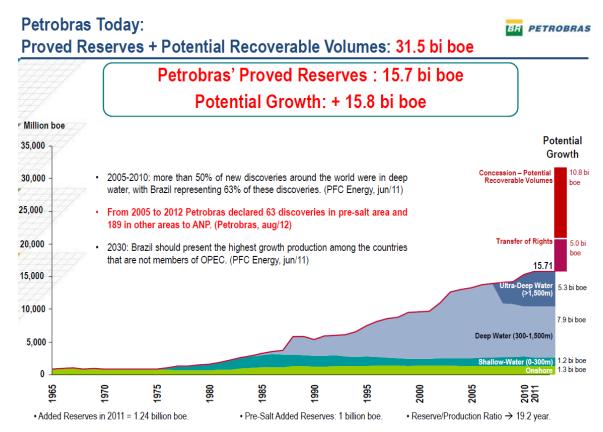
After advancing more than 20% from a depressed level in June, Contrarian Buy **Petrobras (PBR)** offers further 64% unlevered appreciation to a McDep Ratio of 1.0 where stock price would equal estimated Net Present Value (NPV) of \$45 a share. Refined oil product price controls contributed to a loss for the second quarter reported in August (see table Next Twelve Months Operating and Financial Estimates on page 2). Such losses are likely to be reversed for Petrobras to raise the capital to fund development of deep water oil discoveries. As a result, we look for positive cash flow to resume from other operations, mostly refined products. Not relying entirely on price, the company outlined a cost optimization program on October 18. Petrobras Chief Executive Maria das Gracas Foster targets savings of some \$10 billion a year, according to a Brazilian press report cited by *Bloomberg*. Meanwhile, the expected doubling of oil production still lies ahead (see slide on page 3). Schedule delays are not surprising considering the scope of the task. Yet, we count no unusual upside in NPV as our estimate corresponds to normal multiples of cash flow for production from currently proven reserves (see table Functional Cash Flow and Present Value on page 3). Finally, favorable valuation measures include a 4.5% dividend yield (see Tables 1-4 on pages 4-7).

## Kurt H. Wulff, CFA



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			<u> </u>	0	inancial E				
	(Internatio	nal Financi	al Reporti	ng Standard	s beginning	2010, US\$	)		N7 /
									Next
	02	02	025	045	V.	015	025	025	Twelve
	Q3	Q2	Q3E	Q4E	Year	<i>Q1E</i>	Q2E	Q3E	Months
	9/30/11	6/30/12	9/30/12	12/31/12	2012E	3/31/13	6/30/13	9/30/13	9/30/13
Volume	0.50.6	0.754	0.554	0.554		0.554	0.754	0.554	
Natural Gas (mmcfd)	2,736	2,754	2,754	2,754	2,758	2,754	2,754	2,754	2,754
Days	92	91	92	92	366	90	91	92	365
Oil (mmb)	194	192	194	194	782	190	192	194	771
Oil (mbd)	2,108	2,113	2,113	2,113	2,136	2,113	2,113	2,113	2,113
Total gas & oil (mmb)	236	234	237	237	950	231	234	237	939
Total gas & oil (mbd)	2,564	2,572	2,572	2,572	2,596	2,572	2,572	2,572	2,572
Price									
Natural gas (\$/mcf)	7.69	7.00	7.00	7.00	7.14	7.00	7.00	7.00	7.00
Oil (\$/bbl)									
WTI Cushing	89.76	93.32	92.22	89.27	94.43	89.76	90.87	91.18	90.27
Brent	113.46	108.19	109.50	106.00	110.55	106.59	107.90	108.27	107.19
Company	101.99	103.56	104.81	101.46	105.21	102.02	103.28	103.63	102.60
Total gas & oil (\$/bbl)	92.05	92.57	93.60	90.85	94.16	91.31	92.34	92.63	91.78
NY Harbor 3-2-1 (\$/bbl)	35.09	30.77	36.23	31.00	30.58	27.00	29.00	26.00	28.25
Revenue (mm\$)									
Natural gas	1,935	1,753	1,772	1,772	7,204	1,734	1,753	1,772	7,032
Oil	19,779	19,913	20,375	19,724	82,269	19,402	19,860	20,146	79,132
Total production	21,714	21,666	22,148	21,496	89,473	21,136	21,613	21,918	86,164
Other	17,419	13,052	13,052	13,052	52,357	13,052	13,052	13,052	52,209
Total	39,134	34,718	35,200	34,549	141,830	34,188	34,665	34,971	138,372
Expense									,
Production	11,495	13,181	12,692	12,319	50,697	12,112	12,386	12,561	49,378
Other	17,473	16,140	12,152	11,252	55,222	11,252	11,252	11,252	45,009
Ebitda (mm\$)	.,	- , -	, -	, -	,	, -	, -	, -	
Production	10,220	8,485	9,455	9,177	38,776	9,023	9,227	9,358	36,786
Other	(54)	(3,088)	900	1,800	(2,864)	1,800	1,800	1,800	7,200
Total Ebitda	10,166	5,397	10,355	10,977	35,911	10,823	11,027	11,158	43,986
Exploration	479	1,743	1,743	1,743	5,800	1,743	1,743	1,743	6,971
Deprec., Deplet., & Amort.	2,652	2,713	2,713	2,713	10,821	2,713	2,713	2,713	10,851
Other non cash	2,384	1,510	2,710	2,710	568	2,710	2,710	2,710	10,001
Ebit	4,651	(569)	5,900	6,522	18,722	6,368	6,572	6,702	26,163
Ebt	4,651	(569)	5,900	6,522	18,722	6,368	6,572	6,702	26,163
Income Tax	788	163	1,475	1,630	4,932	1,592	1,643	1,675	6,541
Net Income (mm\$)	700	105	1,475	1,050	4,752	1,572	1,045	1,075	0,541
Production	6,565	5,440							
Other	(2,701)	(3,333)							
			1 125	4 901	12 700	1776	4.020	5.026	10 622
Total Net Income	3,863	(732)	4,425	4,891	13,790	4,776	4,929	5,026	19,622
Shares (millions)	6,465	6,522	6,522	6,522	6,509	6,522	6,522	6,522	6,522
Per share (\$)	0.60	(0.11)	0.68	0.75	2.12	0.73	0.76	0.77	3.01
Ebitda Margin (E&P) Tax Rate	47% 17%	39% -29%	43% 25%	43% 25%	43% 26%	43% 25%	43% 25%	43% 25%	43%





	Petrobras	5								
Functional Cash Flow and Present Value										
				Present						
	NTM Ebitda	Adjusted	<i>PV</i> /	Value						
	<u>(US\$mm)</u>	<u>R/P</u>	<u>Ebitda</u>	<u>(US\$mm)</u>						
Natural Gas	3,000	9.8	6.7	20,000	5%					
Oil	33,790	13.8	8.8	299,000	81%					
Downstream	7,200		6.9	50,000	14%					
	43,990	13.1	8.4	369,000	100%					
Debt (US\$mm)					76,000					
Net Present Value (US\$mm)					293,000					
Shares (mm)					6,522					
Net Present Value - Standard Estimate (US\$/sh)										
NPV Approximation by Cash Flow Multi	ple Depending on	Reserve Lif	e (US\$/sh)		47					

Please see disclosures on the final page.

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				Table	1					
	Μ	lc <b>E</b>	)ep Lar	ge Cap	Energy S	Stocks				
	Geogra	ph	ic Dom	icile an	d Busines	s Segn	ents			
						Drasa	nt Value by	Cognor	+ (9/2)	
			Price			North	Rest	segmen	1 (70)	
			(US\$/sh)	EV/	Enterprise		of World			
E.	ymbol/Rat	ina	22-Oct	Market	Value	Natural	Natural	Oil	Down-	McDep
B = Buy, C			22-001	Сар	(\$mm)	Gas	Gas		stream	Ratio
U.S. and Europe Integrated	D (See Del	0w)	2012	Cap	(\$mm)	Gus	Gus	Froun	stream	Kano
BG Group	BRGYY		21.61	1.22	90,200		24	42	34	1.02
Exxon Mobil Corporation	XOM		92.19	1.16	498.000	7	24	56	16	0.86
Royal Dutch Shell plc	RDS-A		69.05	1.10	275,000	3	20	56	10	0.30
Chevron Corporation	CVX		112.74	1.12	249,000	3	11	76	19	0.73
Statoil ASA (33%)	STO		25.75	1.12	40,500	5	34	66	- 10	0.69
BP plc	BP	D	42.65	1.63	224,000	4	8	63	25	0.63
Total S.A.	TOT	B	51.58	1.38	161,000		22	64	14	0.59
Total or Median	101	D	51.50	1.50	1,538,000		22	63	14	0.69
Brazil/Russia/Australia/China	а				1,550,000			05		0.07
Woodside Petroleum Ltd.	WOPEY		36.50	1.25	37.000		68	32	-	0.84
CNOOC Limited (36%)	CEO		208.63	1.01	34,100		9	91	_	0.84
PetroChina Company Ltd (14%)			140.55	1.34	48,200		15	77	8	0.73
Petrobras	PBR			1.51	225,000		5	81	14	0.61
Lukoil Oil Company	LUKOY		63.83	1.06	52,700		5	71	29	0.44
Gazprom (50%)	OGZPY			1.29	74,000		11	13	76	0.42
Total or Median	0.021.1	0.5	10102		471,000			74		0.67
U.S. Independent					1,1,000					0107
Southwestern Energy Company	SWN		34.97	1.15	13,900	100			-	0.89
Chesapeake Energy Corp.	CHK		20.79	2.32	36,300	56		44	-	0.89
EOG Resources, Inc.	EOG		112.11	1.19	36,100	32	4	64	-	0.88
Anadarko Petroleum Corp.	APC	_	69.23	1.48	51,400	34		63	3	0.77
Occidental Petroleum Corp.	OXY	CB		1.13	76,200	8	1	81	10	0.72
ConocoPhillips	COP		57.04	1.56	109,000	13	13	74	-	0.69
Devon Energy Corporation	DVN			1.34	33,300	46		54	-	0.67
Marathon Oil Corporation	MRO	В	30.09	1.42	30,200	7	3	90	-	0.64
Total or Median					386,000			64		0.74
Canada										
Penn West Exploration	PWE		13.75	1.67	10,800	18		82	-	0.78
Cenovus Energy Inc.	CVE		34.57	1.28	33,400	11		72	16	0.77
Imperial Oil Limited (30%)	IMO		45.51	1.18	13,700	2		84	14	0.76
EnCana Corporation	ECA		23.02	1.50	25,300	86		14	-	0.71
Suncor Energy	SU	В	33.56	1.27	66,300	2		80	18	0.58
Canadian Oil Sands Limited	COSWF		20.85	1.23	12,400			100	-	0.52
Total or Median					162,000			81		0.74
Composite					2,557,000	8	14	63	16	0.69

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



	-	Lar	ge Cap	Fnorav	Stocks			
Ν	et Pres		U 1	LIICI gy	SIUCES			
		ent `	Value an	d McD	ep Ratio			
					•			
			Price			Net		
			(US\$/sh)		Market	Present	Debt/	
	Symbol/R		22-Oct	Shares	Cap	Value	Present	McDep
$\mathbf{B}=\mathbf{B}\mathbf{u}\mathbf{y},$	CB (see b	elow)	2012	(mm)	(US\$mm)	(US\$/sh)	Value	Ratic
U.S. and Europe Integrated								
BG Group plc	BRGYY		21.61	3,415	73,800	21.00	0.19	1.02
Exxon Mobil Corporation	XOM	В	92.19	4,657	429,000	110.00	0.12	0.86
Royal Dutch Shell plc	RDS-A	В	69.05	3,133	216,000	102.00	0.15	0.73
Chevron Corporation	CVX	B	112.74	1,968	222,000	170.00	0.07	0.69
Statoil ASA (33%)	STO	B	25.75	1,050	27,000	44.00	0.23	0.68
BP plc	BP	2	42.65	3,214	137,000	84.00	0.24	0.63
Total S.A.	TOT	В	51.58	2,264	117,000	100.00	0.16	0.59
Total or Median	101	2	01100	2,201	1,222,000	100100	0.16	0.69
Brazil/Russia/Australia/China					1,222,000		0110	0.07
Woodside Petroleum Ltd.	WOPEY		36.50	808	29,500	45.00	0.17	0.84
CNOOC Limited (36%)	CEO		208.63	161	33,700	250.00	0.01	0.84
PetroChina Company Ltd (14%)	PTR	В	140.55	256	36,000	210.00	0.19	0.73
Petrobras	PBR	CB	22.85	6,522	149,000	45.00	0.21	0.61
Lukoil Oil Company	LUKOY	В	63.83	780	49,800	150.00	0.02	0.44
Gazprom (50%)	OGZPY	CB	10.02	5,735	57,500	28.00	0.09	0.42
Total or Median				- ,	356,000		0.13	0.67
U.S. Independent					,			
Southwestern Energy Company	SWN		34.97	348	12,200	40.00	0.11	0.89
Chesapeake Energy Corp.	CHK		20.79	751	15,600	27.00	0.50	0.89
EOG Resources, Inc.	EOG	В	112.11	270	30,300	130.00	0.14	0.88
Anadarko Petroleum Corp.	APC		69.23	500	34,600	100.00	0.25	0.77
Occidental Petroleum Corp.	OXY	CB	82.81	811	67,200	120.00	0.08	0.72
ConocoPhillips	COP	В	57.04	1,230	70,000	96.00	0.25	0.69
Devon Energy Corporation	DVN	CB	61.37	405	24,900	102.00	0.17	0.67
Marathon Oil Corporation	MRO	В	30.09	709	21,330	54.00	0.19	0.64
Total or Median					276,100		0.18	0.74
Canada								
Penn West Exploration	PWE		13.75	474	6,500	20.00	0.31	0.78
Cenovus Energy Inc.	CVE	В	34.57	758	26,200	48.00	0.17	0.77
Imperial Oil Limited (30%)	IMO	B	45.51	256	11,600	62.00	0.11	0.76
EnCana Corporation	ECA	B	23.02	736	16,900	37.00	0.24	0.71
Suncor Energy	SU	В	33.56	1,558	52,300	64.00	0.12	0.58
Canadian Oil Sands Limited	COSWF	CB	20.85	485	10,100	45.00	0.10	0.52
Total or Median		-			124,000		0.14	0.74
CB=Contrarian Buy, Stock Price ma	v in downt	rend c	ompared to	200-day av	verage.			
McDep Ratio = Market cap and Deb								

Estimated present value presumes a long-term price for oil of US\$100 a barrel and natural gas, \$6 a million btu.



			Table 3					
M	cDep L	arg	e Cap I	Energy S	tocks			
Val	ue Mu	ltip	les and ]	Dividend	l Yield			
			Price	Adjustd				
		-	(US\$/sh)	Resrvs/	PV/	EV/		Dividend
C.	ymbol/Rai	tina	22-Oct	Prod	Ebitda	Ebitda	P/E	NTM
B = Buy, C		0	22-00	NTM	NTM	NTM	NTM	(%)
D – Duy, C		10 w)	2012	141101	1 1 1 1 1	1111	1111	(70)
U.S. and Europe Integrated								
BG Group plc	BRGYY		21.61	8.6	7.7	7.9	14	1.1
Exxon Mobil Corporation	XOM	В	92.19	13.1	8.1	6.9	12	2.5
BP plc	BP		42.65	11.4	8.6	5.4	8	4.5
Chevron Corporation	CVX	В	112.74	9.2	7.5	5.2	10	3.2
Royal Dutch Shell plc	RDS-A	В	69.05	10.1	7.1	5.2	10	5.0
Total S.A.	TOT	В	51.58	10.2	8.1	4.8	8	6.0
Statoil ASA (33%)	STO	В	25.75	6.3	6.6	4.4	9	4.3
Median				10.1	7.7	5.2	10	4.3
Brazil/Russia/Australia/China								
Woodside Petroleum Ltd.	WOPEY		36.50	12.7	9.3	7.9	13	3.6
PetroChina Company Ltd (14%)	PTR	В	140.55	13.0	7.3	5.3	11	3.6
Petrobras	PBR	CB	22.85	13.1	8.4	5.1	8	4.5
CNOOC Limited (36%)	CEO		208.63	6.6	5.6	4.6	9	2.7
Lukoil Oil Company	LUKOY	В	63.83	16.5	6.3	2.8	5	3.8
Gazprom (50%)	OGZPY	CB	10.02	31.2	5.5	2.3	3	5.8
Median				13.0	6.8	4.9	8	3.7
U.S. Independent								
Southwestern Energy Company	SWN		34.97	7.2	13.0	11.5	28	-
Chesapeake Energy Corp.	CHK		20.79	10.0	11.6	10.3	31	1.7
EOG Resources, Inc.	EOG	В	112.11	9.3	7.7	6.7	27	0.6
Anadarko Petroleum Corp.	APC		69.23	8.3	7.9	6.1	21	0.5
ConocoPhillips	COP	В	57.04	12.7	8.6	6.0	11	4.6
Devon Energy Corporation	DVN	CB	61.37	9.7	8.5	5.7	17	1.3
Occidental Petroleum Corp.	OXY	CB	82.81	10.0	7.9	5.7	12	2.6
Marathon Oil Corporation	MRO	В	30.09	9.7	7.1	4.6	10	2.3
Median				9.7	8.2	6.0	19	1.5
Canada								
EnCana Corporation	ECA	В	23.02	8.4	13.3	9.4		3.5
Imperial Oil Limited (30%)	IMO	В	45.51	19.1	11.0	8.4	11	1.1
Penn West Exploration	PWE		13.75	7.5	9.5	7.4	13	7.9
Cenovus Energy Inc.	CVE	В	34.57	12.8	9.2	7.0	16	2.6
Canadian Oil Sands Limited	COSWF	CB	20.85	18.8	11.5	5.9	9	6.8
Suncor Energy	SU	В	33.56	17.1	9.8	5.7	16	1.6
Median				15.0	10.4	7.2	13	3.0
CB=Contrarian Buy, Stock Price may be	in downtro	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 g								



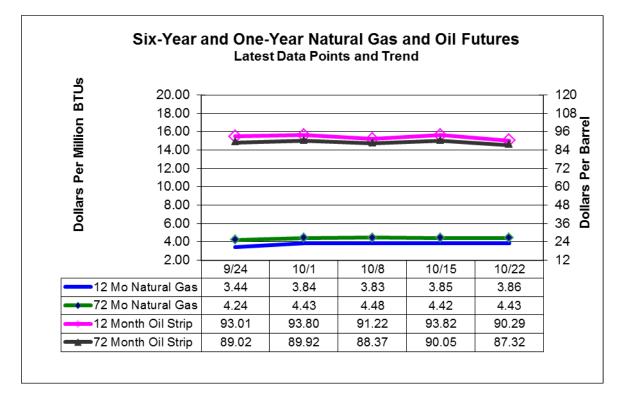
			Table 4							
	McDe	ep La	rge Cap I	Energy S	tocks					
Rank by Enterprise Value to 200 Day Average										
		ter pr	ise value		uy 11.01	uge				
			Price							
			(\$/sh)		Enterprise	Value/				
	Symbol		22-Oct	52Wk	52Wk	50 Day	200 Day	McDep		
		Rating	2012	High	Low	Avg.	Avg.	Ratio		
U.S. and Europe Integrated										
Exxon Mobil Corporation	XOM	В	92.19	0.99	1.21	1.02	1.06	0.86		
Chevron Corporation	CVX	В	112.74	0.96	1.19	0.99	1.04	0.69		
Total S.A.	TOT	В	51.58	0.93	1.16	1.01	1.03	0.59		
Statoil ASA (33%)	STO	В	25.75	0.92	1.11	1.00	1.01	0.68		
BG Group plc	BRGYY		21.61	0.90	1.15	1.03	1.01	1.02		
BP plc	BP		42.65	0.92	1.10	1.00	1.00	0.63		
Royal Dutch Shell plc	RDS-A	В	69.05	0.94	1.11	0.98	1.00	0.73		
Median				0.93	1.15	1.00	1.01	0.69		
Brazil/Russia/Australia/China										
Lukoil Oil Company	LUKOY	В	63.83	0.96	1.27	1.04	1.08	0.44		
CNOOC Limited (36%)	CEO		208.63	0.89	1.22	1.05	1.03	0.84		
Woodside Petroleum Ltd.	WOPEY		36.50	0.91	1.18	1.02	1.03	0.84		
PetroChina Company Ltd (14%)	PTR	В	140.55	0.94	1.16	1.07	1.03	0.73		
Petrobras	PBR	CB	22.85	0.78	1.19	1.01	0.98	0.61		
Gazprom (50%)	OGZPY	CB	10.02	0.78	1.13	1.00	0.95	0.42		
Median				0.90	1.18	1.03	1.03	0.67		
U.S. Independent										
Southwestern Energy Company	SWN		34.97	0.81	1.30	1.03	1.09	0.89		
EOG Resources, Inc.	EOG	В	112.11	0.94	1.28	1.01	1.05	0.88		
Marathon Oil Corporation	MRO	В	30.09	0.89	1.19	1.03	1.03	0.64		
Chesapeake Energy Corp.	CHK		20.79	0.84	1.18	1.02	1.02	0.89		
ConocoPhillips	COP	В	57.04	0.97	1.08	1.00	1.01	0.69		
Devon Energy Corporation	DVN	CB	61.37	0.85	1.10	1.01	0.98	0.67		
Anadarko Petroleum Corp.	APC		69.23	0.84	1.14	0.99	0.96	0.77		
Occidental Petroleum Corp.	OXY	CB	82.81	0.80	1.07	0.96	0.93	0.72		
Median				0.84	1.16	1.01	1.02	0.74		
Canada										
EnCana Corporation	ECA	В	23.02	0.96	1.21	1.02	1.07	0.71		
Suncor Energy	SU	В	33.56	0.92	1.22	1.01	1.05	0.58		
Imperial Oil Limited (30%)	IMO	В	45.51	0.92	1.19	0.98	1.01	0.76		
Cenovus Energy Inc.	CVE	В	34.57	0.89	1.15	1.01	1.01	0.77		
Canadian Oil Sands Limited	COSWF	CB	20.92	0.85	1.14	0.97	0.98	0.52		
Penn West Exploration	PWE		13.75	0.72	1.07	0.96	0.89	0.78		
Median				0.91	1.17	0.99	1.01	0.74		

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



		Index of Rec	ent Research
Stock 1	1		
<u>Date</u>	<u>Symbol</u>	<u>Subject</u>	<u>Theme</u>
19-Oct		Dorchester Minerals, L.P.	Top Line Core (Income and Small Cap Weekly)
16-Oct	RDS	Royal Dutch Shell	Clean Energy for Global Growth (Meter Reader)
12-Oct	CLR	Continental Resources	New Buy on Bakken Growth (ISCW)
9-Oct	IMO	Imperial Oil	Kearl, Downstream and Syncrude (Meter Reader)
2-Oct	CVX	Chevron	Top Performer Shows Further Promise (Meter Reader)
28-Sep		Birchcliff Energy	Strategic Montney Natural Gas (Income and Small Cap Weekly)
25-Sep		ConocoPhillips	Thriving Shale Oil, Potential Shale Gas (Meter Reader)
21-Sep	WLL	Whiting Petroleum	Growing, Secure, Price-Sensitive, Light Oil (Inc and Small Cap Wh
18-Sep		Devon Energy	Barnett Shale to Permian and Beyond (Meter Reader)
14-Sep	SJT	SJT and Royalty Trusts	Estimated Distributions Jump (Income and Small Cap Weekly)
7-Sep	PEYUF	Peyto Exploration and Developmen	Canada Deep Basin Fracker (Income and Small Cap Weekly)
4-Sep	LUKOY	Lukoil	Proven Competitor, Uncommon Value (Meter Reader)
28-Aug	PTR	PetroChina	Pent-Up Profits (Meter Reader)
24-Aug	HGT	Hugoton Royalty Trust	Highest Return for the Next Year (Income and Small Cap Weekly)
21-Aug	TOT	Total	Buy \$100 NPV for \$50 Stock Price (Meter Reader)
17-Aug	HK	Halcón Resources	Billion Barrel Resource Potential (Income and Small Cap Weekly)
14-Aug		Anadarko Petroleum	Raise NPV to \$100 as Growth Trumps Legal Issues (Meter Reader
7-Aug	SU	Suncor Energy	New CEO, New Focus on Shareholder Return (Meter Reader)
3-Aug	XEC	Cimarex Energy	West Texas Wolfcamp Shale Oil (ISCW)
31-Jul	OXY	Occidental Petroleum	California Oil Growth Accelerates (Meter Reader)
30-Jul	COSWF	Canadian Oil Sands Limited	Robust Volume Outlook
27-Jul	RRC	Range Resources	Oil-Enhanced Natural Gas Growth (ISCW)
24-Jul	CEO	CNOOC Ltd.	60% Premium in \$21 Billion Deal (Meter Reader)
20-Jul	BRY	Berry Petroleum	Momentum Resuming (Income and Small Cap Weekly)
17-Jul	ХОМ	Exxon Mobil	Low U.S. Energy Price Outperformer (Meter Reader)
10-Jul	MRO	Marathon Oil	Shale Growth, Dollar Hedge (Meter Reader)
3-Jul	OGZPY	Gazprom	Dividend Double Approved (Meter Reader)
	STO	Statoil	Financially Strong Norse Explorers (Meter Reader)
	CVE	Cenovus	Deep Oil Sands Growth at Lower Price (Meter Reader)
	PBR	Petrobras	Deep Water Oil Growth, Lower NPVto \$45 (Meter Reader)
	BRGYY	BG Group	Lower NPVto \$21 (6/12/12 Meter Reader, page 2)
13-Jun		Enerplus Corporation	Dividend Reduced by Half
5-Jun	WOPEY	Woodside Petroleum Ltd.	Pluto LNG Delivering (Meter Reader)
15-May		EOG Resources	Raise NPV to \$130 a Share on Oil Volume (Meter Reader)
8-May	ECA	Encana	Long-Term Natural Gas Appeal (Meter Reader)
0-1 <b>1</b> 14y			ck on <u>Stock Ideas</u> , click on stock by name.
Meter	Reader		
16-Oct	RDS	Royal Dutch Shell	Clean Energy for Global Growth
9-Oct	IMO	Imperial Oil	Kearl, Downstream and Syncrude
2-Oct	CVX	Chevron	Top Performer Shows Further Promise
25-Sep		ConocoPhillips	Thriving Shale Oil, Potential Shale Gas
25 569		itions, go to <u>mcdep.com</u> , click on <u>Meter</u>	
Income	e and Small Ca	ap Weekly	
19-Oct		Dorchester Minerals, L.P.	Top Line Core
12-Oct		Continental Resources	New Buy on Bakken Growth
5-Oct	CLA	Create a Custom RTF	Royalty Trust Fund Looks Timely
28-Sep	BIREE	Birchcliff Energy	Strategic Montney Natural Gas
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