Petrobras - Record Deal, Reasonable Price

Symbol	PBR	Ebitda Next Twelve Months ending 9/30/11 (US\$mm)	36,000				
Rating		North American Natural Gas/Ebitda (%)	0				
Price (US\$/sh)	35.94	Natural Gas and Oil Production/Ebitda (%)	83				
Pricing Date	9/20/10	Adjusted Reserves/Production NTM	9.6				
Shares (mm)	4387	EV/Ebitda	6.2				
Market Capitalization (US\$mm)	158,000	PV/Ebitda	8.9				
Debt (US\$mm)	65,000	Undeveloped Reserves (%)	40				
Enterprise Value (EV) (US\$mm)	223,000	Natural Gas and Oil Ebitda (US\$/boe)	29.50				
Present Value (PV) (US\$mm)	320,000	Present Value Proven Reserves(US\$/boe)	21.97				
Net Present Value (US\$/share)	58	Present Value Proven Reserves(US\$/mcfe)	3.66				
Debt/Present Value	0.20	Earnings Next Twelve Months (US\$/sh)	3.93				
McDep Ratio - EV/PV	0.70	Price/Earnings Next Twelve Months	9				
Dividend Yield (%/year)	3.7	Indicated Annual Dividend (US\$/sh)	1.34				
Note: Estimated cash flow and e	earnings tied to	one-year futures prices for oil and natural gas.					
Reported results may vary	widely from es	stimates. Estimated present value per share revised only infreq	uently.				
Estimated present value presumes a long-term price for oil of US\$75 a barrel and natural gas, \$8 a million btu.							
The Brazilian Government has voting control and with public sector entities owns 40% of Petrobras' equity.							

Summary and Recommendation

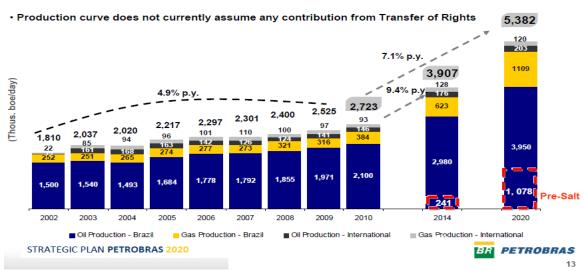
We like the common and preferred stock of **Petrobras** (**PBR**) for unlevered appreciation potential of 43% to a McDep Ratio of 1.0 where price would equal Net Present Value (NPV) of \$58 a share. A record sale of some \$78 billion of new stock is expected this week. The Brazilian government would pay for some \$42.5 billion of new shares with the transfer of rights to 5 billion barrels of oil to be developed by Petrobras. The price of the deal, the number of shares to be sold and the final participation by each buyer will be sensitive to market conditions. The presently elected government of Brazil likely has a strong preference for the deal to be successful ahead of national elections on October 3. The favored candidate to succeed the outgoing President appears to be Ms. Dilma Rousseff, Chair of Petrobras. Conservative investors might prefer to acquire stock in a quieter aftermarket while at the same time being ready to move sooner if the deal is priced at a surprising discount to current quote. Meanwhile, the company aims to double production by 2020 (see slide from mid-year presentation, Oil and Gas Production Targets on page 2). As a result, management declares that Petrobras has the highest growth rate target in the industry (see eponymous slide on page 2). More than a million barrels daily would be produced from Pre-Salt discoveries under water several miles deep. Major discoveries include Tupi at 5-8 billion barrels, Carioca and others (see map on page 3). We count those unproven discoveries at 19% of NPV (see table Functional Cash Flow and Present Value on page 3). The remaining 81% of NPV is supported by current cash flow in our industry context (see table Next Twelve Months Operating and Financial Estimates on page 4). PBR's McDep Ratio of 0.70 signals reasonable valuation while offering geographic diversification (see Tables 1-4 on pages 5-8).

Kurt H. Wulff, CFA

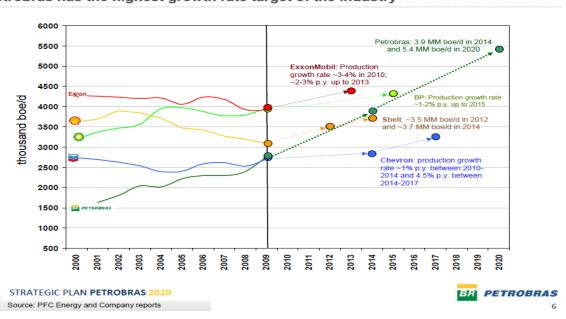


OIL AND GAS PRODUCTION TARGETS 2010-2020 Domestic targets unchanged, international targets reduced

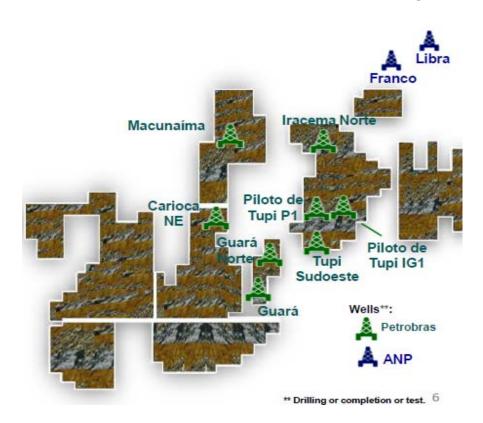
- · Production curve for domestic oil gas production consistent with prior Business Plan
- · Projected international production reduced as a result of decrease in investment



Petrobras has the highest growth rate target of the industry







Petrobras									
Functional Cash Flow and Present Value									
				Present					
Λ	NTM Ebitda	Adjusted	PV/	Value					
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	<u>(US\$mm)</u>					
Natural Gas	1,340	8.9	8.2	11,000	3%				
Oil	28,700	9.7	7.1	203,000	64%				
Downstream	6,000		7.5	45,000	14%				
Pre Salt Deep Water Oil				60,000	19%				
	36,040	9.6	8.9	319,000	100%				
Debt (US\$mm)					65,000				
Net Present Value (US\$mm)					254,000				
Shares (mm)					4,387				
Net Present Value - Standard Estimate (US\$/sh)									
NPV Approximation by Cash Flow Multiple Depending on Reserve Life (US\$/sh)									



			Pet	robras					
	Next	Twelve Mo	nths Oper	ating and F	inancial Est	imates			
(U.S. Ac	counting th	rough 2009	, Internatio	onal Financi	al Reporting	Standards	2010, US\$))	
									Next
									Twelve
	Q3	Q2	Q3E	Q4E	Year	Q1E	Q2E	Q3E	Months
	9/30/09	6/30/10	9/30/10	12/31/10	2010E	3/31/11	6/30/11	9/30/11	9/30/11
Volume									
Natural Gas (mmcfd)	2,478	2,538	2,726	2,746	2,621	2,472	2,538	2,726	2,621
Oil (mbd)	2,121	2,156	2,333	2,350	2,242	2,350	2,350	2,350	2,350
Total gas & oil (mmb)	233	235	256	258	978	249	252	258	1,017
Total gas & oil (mbd)	2,534	2,579	2,787	2,807	2,679	2,762	2,773	2,804	2,786
Price									
Natural gas (\$/mcf)	3.00	3.11	3.11	3.11	2.95	3.11	3.11	3.11	3.11
Oil (\$/bbl)									
WTI Cushing	68.22	77.85	76.02	76.30	77.21	79.78	81.62	82.68	80.10
Brent	68.00	78.30	76.46	76.74	76.93	80.24	82.09	83.15	80.56
Company	63.56	72.30	70.60	70.86	71.45	74.09	75.80	76.78	74.38
Total gas & oil (\$/bbl)	56.13	63.50	62.13	62.35	62.68	65.82	67.08	67.36	65.64
NY Harbor 3-2-1 (\$/bbl)	9.45	12.13	8.39	8.51	9.04	6.95	9.67	8.42	8.39
Revenue (mm\$)									
Natural gas	684	718	780	786	2,821	692	718	780	2,976
Oil	12,402	14,184	15,153	15,317	58,474	15,667	16,206	16,596	63,787
Total production	13,086	14,903	15,933	16,103	61,295	16,359	16,924	17,376	66,763
Other	12,789	13,650	13,650	13,650	54,599	13,650	13,650	13,650	54,599
Total	25,875	29,961	29,583	29,752	117,303	30,009	30,574	31,026	121,362
Expense									
Production	7,328	7,326	8,763	8,856	32,900	8,998	9,308	9,557	36,720
Other	11,314	12,329	12,150	12,150	48,305	12,150	12,150	12,150	48,599
Ebitda (mm\$)									
Production	5,758	7,577	7,170	7,246	28,395	7,362	7,616	7,819	30,043
Other	1,475	1,321	1,500	1,500	6,294	1,500	1,500	1,500	6,000
Total Ebitda	7,233	8,898	8,670	8,746	34,689	8,862	9,116	9,319	36,043
Exploration	396	350	350	350	1,606	350	350	350	1,399
Deprec., Deplet., & Amort.	2,013	2,025	2,025	2,025	7,888	2,025	2,025	2,025	8,098
Other non cash	(815)	132			ĺ				
Ebit	5,639	6,391	6,295	6,372	24,981	6,487	6,742	6,945	26,546
Ebt	5,639	6,391	6,295	6,372	24,981	6,487	6,742	6,945	26,546
Income Tax	1,866	1,735	2,203	2,230	7,802	2,271	2,360	2,431	9,291
Net Income (mm\$)					·				
Production	2,700	4,376							
Other	1,073	281							
Total Net Income	3,773	4,657	4,092	4,142	17,180	4,217	4,382	4,514	17,255
Shares (millions)	4,387	4,387	4,387	4,387	4,387	4,387	4,387	4,387	4,387
Per share (\$)	0.86	1.06	0.93	0.94	3.92	0.96	1.00	1.03	3.93
Ebitda Margin (E&P)	44%	51%	45%	45%	46%	45%	45%	45%	45%
Tax Rate	33%	27%	35%	35%	31%	35%	35%	35%	35%



				Table 1						
	M	cDep	Large	Cap E	Energy Po	ortfolio				
	Geogr	aphic	Domic	cile and	d Busines	s Segn	nents			
						_			10.0	
							ıt Value by	Segment	t (%)	
			Price			North	Rest			
			(US\$/sh)	EV/	Enterprise	Amer.	of World			
	Symbol/	Rating	20-Sep	Market	Value	Natural	Natural		Down-	McDe
	y, CB (see	below)	2010	Сар	(\$mm)	Gas	Gas	Prod'n	stream	Rati
U.S. Integrated										
Exxon Mobil Corporation	XOM	CB	61.55	1.20	381,000	10	19	54	17	0.73
Chevron Corporation	CVX	В	79.90	1.16	186,000	4	11	72	13	0.72
Marathon Oil Corporation	MRO	В	32.34	1.48	34,200	7	2	64	27	0.70
ConocoPhillips	COP	В	56.83	1.54	123,000	16	10	59	16	0.70
Total or Median *	30%	8%	16%		724,000					0.71
Europe										
BG Group	BRGXF		17.45	1.17	69,100		29	39	32	0.82
Royal Dutch Shell plc	RDS-A	В	59.39	1.34	244,000	3	24	48	26	0.80
Statoil ASA (33%)	STO	СВ	20.66	1.57	34,000		40	60	-	0.69
BP plc	BP		38.68	1.71	209,000	6	10	63	22	0.66
Total S.A.	TOT	СВ	50.77	1.32	150,000		19	59	22	0.63
Total or Median *	30%	10%	12%	-10-	706,000					0.69
Australia/Brazil/China/Russi		10,0	12/0		, 00,000					0.07
CNOOC Limited (34%)	CEO		190.04	1.05	30,400		10	90	-	1.11
Woodside Petroleum Ltd.	WOPEY	В	41.79	1.16	38,000		70	30	_	0.96
PetroChina Company Ltd (14%		СВ	112.25	1.22	35,200		14	72	14	0.78
Petrobras	PBR	СБ	35.94	1.41	223,000		4	78	17	0.70
Lukoil Oil Company	LUKOY	СВ	55.87	1.12	53,200			66	34	0.44
Gazprom (50%)	OGZPY	СВ	21.14	1.12	79,000		82	18	-	0.39
Total or Median *	19%	12%	16%	1.31	459,000		02	10	-	0.74
U.S. Independent	1970	12/0	1070		439,000					0.74
Anadarko Petroleum Corp.	APC		55.40	1.75	48,000	44		52	4	0.95
•								32	-	
Southwestern Energy Compan		CD	31.94	1.11	12,400	100	1	02	-	0.92
Occidental Petroleum Corp.	OXY	CB	77.23	1.07	67,400	10	1	82	7	0.82
Chesapeake Energy Corp.	CHK	CD	21.74	1.92	26,600	89	4	11	-	0.82
EOG Resources	EOG	CB	87.73	1.19	26,100	53	4	43	-	0.76
Devon Energy Corporation	DVN	CB	62.93	1.14	32,100	61		39	-	0.67
Total or Median *	9%	12%	12%		213,000					0.82
Canada					10 -00					
Imperial Oil Limited (30%)	IMO	CB	37.45	1.11	10,700	4		82	15	0.80
Cenovus Energy Inc.	CVE	В	27.63	1.34	27,800	18		76	6	0.80
Suncor Energy	SU	В	32.45	1.34	68,400	5		85	11	0.74
Canadian Natural Resources	CNQ	CB	33.64	1.30	47,500	15		85	-	0.73
Canadian Oil Sands Trust	COSWF	CB	26.10	1.11	14,000			100	-	0.7
EnCana Corporation	ECA	CB	28.45	1.41	29,700	94		6	-	0.63
Total or Median *	8%	12%	24%		198,000					0.73
Income and Small Cap (see se	parate wee	kly ana	lysis)							
	4%	46%	20%		87,400	50		50		0.94
Composite										
Enterprise Value Weighting	100%				2,387,000	11	15	59	15	0.73
Equal Weighting		100%				36	7	52	6	0.85
Equal Weighted Buys			100%			12	12	52	8	0.71
CB=Contrarian Buy, Stock Pric	e may be i	n down	trend comp	ared to 20	0-day average	e.				
* Percentages in Symbol colum							column, eq	ual weigl	ntings.	
* Percentages in Price column										



			Table 2	2				
\mathbf{M}	lcDep I	Larg	e Cap I	Energy	Portfolio			
No	et Pres	ent \	Value aı	nd McD	ep Ratio			
					_			
			Price			Net		
			(US\$/sh)		Market	Present	Debt/	
	Symbol/R	ating	20-Sep	Shares	Cap	Value	Present	McDep
B = Buy	, CB (see b	elow)	2010	(mm)	(US\$mm)	(US\$/sh)	Value	Ratio
U.S. Integrated								
Exxon Mobil Corporation	XOM	СВ	61.55	5,141	316,000	89.00	0.12	0.73
Chevron Corporation	CVX	В	79.90	2,006	160,000	116.00	0.10	0.72
Marathon Oil Corporation	MRO	В	32.34	712	23,030	53.00	0.23	0.70
ConocoPhillips	COP	В	56.83	1,400	80,000	95.00	0.24	0.70
Total or Median		ע	20.03	1,700	579,000	75.00	0.18	0.70
Europe Total of Median					579,000		0.10	0.71
BG Group plc	BRGXF		17.45	3,400	59,300	22.00	0.12	0.82
Royal Dutch Shell plc	RDS-A	В	59.39	3,072	182,000	79.00	0.20	0.80
Statoil ASA (33%)	STO	СВ	20.66	1,050	21,700	35.00	0.25	0.69
BP plc	BP	CD	38.68	3,172	123,000	72.00	0.27	0.66
Total S.A.	TOT	СВ	50.77	2,243	114,000	90.00	0.15	0.63
Total or Median		CD	30.77	2,243	500,000	20.00	0.20	0.69
Australia/Brazil/China/Russia					300,000		0.20	0.07
CNOOC Limited (34%)	CEO		190.04	152	29,000	170.00	0.05	1.11
Woodside Petroleum Ltd.	WOPEY	В	41.79	782	32,700	44.00	0.03	0.96
PetroChina Company Ltd (14%)	PTR	СВ	112.25	256	28,800	150.00	0.13	0.78
Petrobras	PBR	СБ	35.94	4,387	157,700	58.00	0.14	0.78
	LUKOY	СВ	55.87	848	47,400	135.00	0.20	0.70
Lukoil Oil Company	OGZPY						0.03	0.44
Gazprom (50%) Total or Median		СВ	21.14	2,870	60,700	64.00		
					356,000		0.11	0.74
U.S. Independent	A DC		55.40	405	27, 400	60.00	0.41	0.05
Anadarko Petroleum Corp.	APC		55.40	495	27,400	60.00	0.41	0.95
Southwestern Energy Company	SWN	CD	31.94	349	11,200	35.00	0.09	0.92
Occidental Petroleum Corp.	OXY	CB	77.23	814	62,900	95.00	0.06	0.82
Chesapeake Energy Corp.	CHK	CD	21.74	635	13,800	31.00	0.39	0.82
EOG Resources	EOG	CB	87.73	250	21,900	120.00	0.12	0.76
Devon Energy Corporation	DVN	CB	62.93	446	28,100	98.00	0.08	0.67
Total or Median					165,300		0.11	0.82
Canada	7.60	O.D.	25.15	255	0.500	40.00	0.00	0.00
Imperial Oil Limited (30%)	IMO	CB	37.45	257	9,600	48.00	0.08	0.80
Cenovus Energy Inc.	CVE	В	27.63	752	20,800	37.00	0.20	0.80
Suncor Energy	SU	В	32.45	1,572	51,000	48.00	0.19	0.74
								0.73
								0.71
-		CB	28.45	738		50.00		0.65
							0.18	0.73
Canadian Natural Resources Canadian Oil Sands Trust EnCana Corporation Total or Median CB=Contrarian Buy, Stock Price may McDep Ratio = Market cap and Deb Estimated present value presumes a	CNQ COSWF ECA y in downto	CB CB CB	33.64 26.10 28.45 ompared to e of oil and	1,089 484 738 200-day av gas and oth	36,600 12,600 21,000 152,000 erage. ner businesse	50.00 38.00 50.00	0.17 0.07 0.19 0.18	



			Table 3					
McL	ep La	rge	Cap Eı	nergy P	ortfolio			
Value	Multi	ples	and Di	istribut	ion Yiel	d		
			Price	Adjustd				Divd or
			(US\$/sh)	Resrvs/	PV/	EV/		Distrib
S	ymbol/Rai	ing	20-Sep	Prod	Ebitda	Ebitda	P/E	NTM
B = Buy, C	B (see be	low)	2010	NTM	NTM	NTM	NTM	(%)
U.S. Integrated								
Exxon Mobil Corporation	XOM	СВ	61.55	13.2	8.5	6.2	11	2.9
ConocoPhillips	COP	В	56.83	10.3	8.2	5.7	13	3.9
Marathon Oil Corporation	MRO	В	32.34	9.2	7.6	5.3	13	3.1
Chevron Corporation	CVX	В	79.90	9.1	6.6	4.7	10	3.6
Total or Median				9.7	7.9	5.5	12	3.3
Europe								
BG Group plc	BRGXF		17.45	14.5	8.9	7.3	13	1.1
Royal Dutch Shell plc	RDS-A	В	59.39	8.8	6.8	5.5	11	5.7
BP plc	BP		38.68	10.0	7.6	5.1	7	-
Total S.A.	TOT	СВ	50.77	9.7	7.5	4.7	8	5.9
Statoil ASA (33%)	STO	СВ	20.66	6.5	6.0	4.2	8	4.8
Total or Median				9.7	7.5	5.1	8	4.8
Australia/Brazil/China/Russia							-	
Woodside Petroleum Ltd.	WOPEY	В	41.79	18.0	12.5	11.9	23	2.4
CNOOC Limited (34%)	CEO		190.04	6.6	5.9	6.6	13	2.8
Petrobras	PBR		35.94	9.6	8.9	6.2	9	3.7
PetroChina Company Ltd (14%)	PTR	СВ	112.25	13.6	7.5	5.8	15	3.8
Gazprom (50%)	OGZPY	CB	21.14	30.2	9.5	3.7	5	0.2
Lukoil Oil Company	LUKOY	CB	55.87	15.8	7.8	3.4	6	3.0
Total or Median	LUKOT	СБ	33.07	14.7	8.3	6.0	11	2.9
U.S. Independent				17./	0.5	0.0	11	2.7
Southwestern Energy Company	SWN		31.94	6.0	10.2	9.4	21	
Chesapeake Energy Corp.	CHK		21.74	11.1	11.1	9.1	16	1.4
Anadarko Petroleum Corp.	APC		55.40	8.3	7.7	7.4	10	0.6
EOG Resources	EOG	СВ	87.73	8.8	9.6	7.4	39	0.0
Occidental Petroleum Corp.	OXY	СВ	77.23	10.5	7.5	6.2	14	2.0
•	DVN	СВ	62.93	10.0	9.2	6.2	12	1.0
Devon Energy Corporation Total or Median	DVN	СБ	02.93	9.4	9.4	7.3	16	0.9
Canada				9.4	9.4	7.3	10	0.9
	CVE	D	27.62	10.2	12.0	0.5	22	20
Cenovus Energy Inc.		B CB	27.63	18.3	12.0	9.5	23	2.8
EnCana Corporation	ECA	-	28.45	13.7	13.5	8.8		2.8
Imperial Oil Limited (30%)	IMO	CB	37.45	20.0	10.6	8.5	15	1.1
Canadian Oil Sands Trust	COSWF	CB	26.10	26.7	11.8	8.4	13	7.4
Suncor Energy	SU	В	32.45	22.3	11.1	8.2	24	1.2
Canadian Natural Resources	CNQ	СВ	33.64	17.4	10.0	7.3	18	0.9
Total or Median		,	• .	19.2	11.5	8.4	21	2.0
CB=Contrarian Buy, Stock Price may be i								
EV = Enterprise Value = Market Cap and						eciation		
and amortization; NTM = Next Twelve M				1; P/E = Sto	ock Price to			
Earnings; PV = Present Value of oil and g	as and oth	ier b	usmesses					



			Tab	le 4	:			
N	AcDep	La	rge Caj	Energy	Portfolio)		
Rank	by Ent	erp	rise Val	lue to 20	0 Day Av	erage		
			Price					
			(\$/sh)		Enterprise			
	Symbol		20-Sep		52Wk	50 Day	200 Day	McDep
T.G. T	K	Ratin _e	2010	High	Low	Avg.	Avg.	Ratio
U.S. Integrated								
ConocoPhillips	COP	В	56.83	0.96	1.16	1.03	1.05	0.70
Chevron Corporation	CVX	В	79.90	0.96	1.16	1.04	1.05	0.72
Marathon Oil Corporation	MRO	В	32.34	0.93	1.11	1.00	1.01	0.70
Exxon Mobil Corporation	XOM	CB	61.55	0.83	1.08	1.02	0.96	0.73
Median				0.95	1.14	1.02	1.03	0.71
Europe								
Royal Dutch Shell plc	RDS-A	В	59.39	0.95	1.15	1.05	1.03	0.80
BG Group plc	BRGXF		87.24	0.88	1.21	1.05	1.02	0.82
Statoil ASA (33%)	STO	CB	20.66	0.84	1.08	1.01	0.95	0.69
Total S.A.	TOT	CB	50.77	0.80	1.13	1.02	0.95	0.63
BP plc	BP		38.68	0.74	1.22	1.02	0.88	0.66
Median				0.86	1.14	1.02	0.98	0.70
Australia/Brazil/China/Russia								
CNOOC Limited (34%)	CEO		190.04	1.00	1.44	1.10	1.15	1.11
Woodside Petroleum Ltd.	WOPEY	В	41.79	0.86	1.23	1.08	1.04	0.96
Lukoil Oil Company	LUKOY	В	55.87	0.84	1.22	1.02	1.02	0.44
PetroChina Company Ltd (14%)	PTR	СВ	112.25	0.85	1.11	1.00	0.98	0.78
Gazprom (50%)	OGZPY	СВ	21.14	0.81	1.13	1.00	0.96	0.39
Petrobras	PBR		35.94	0.74	1.10	1.00	0.92	0.70
Median				0.85	1.18	1.01	1.00	0.74
U.S. Independent								
Anadarko Petroleum Corp.	APC		55.40	0.83	1.27	1.05	0.97	0.95
Occidental Petroleum Corp.	OXY	СВ	77.23	0.86	1.07	0.99	0.96	0.82
Chesapeake Energy Corp.	CHK	CD	21.74	0.83	1.05	1.01	0.95	0.82
Devon Energy Corporation	DVN	СВ	62.93	0.84	1.07	1.00	0.95	0.67
EOG Resources	EOG	СВ	87.73	0.79	1.10	0.92	0.91	0.76
Median	Loc	CD	07.75	0.83	1.07	1.00	0.95	0.82
Canada				0.05	1.07	1.00	0.75	0.02
Cenovus Energy Inc.	CVE	В	27.63	0.92	1.15	1.00	1.03	0.80
Suncor Energy	SU	В	32.45	0.92	1.12	1.00	1.00	0.74
Imperial Oil Limited (30%)	IMO	СВ	37.45	0.80	1.12	0.98	0.97	0.80
Canadian Natural Resources	CNQ	СВ	33.64	0.87	1.00	0.98	0.97	0.73
Canadian Natural Resources Canadian Oil Sands Trust								
EnCana Corporation	COSWF		26.10	0.79	1.11	1.01	0.96	0.71
•	ECA	СВ	28.45	0.85	1.06	0.97	0.93	0.65
Median CB=Contrarian Buy, Stock Price n		1		0.86	1.10	1.00	0.97	0.73

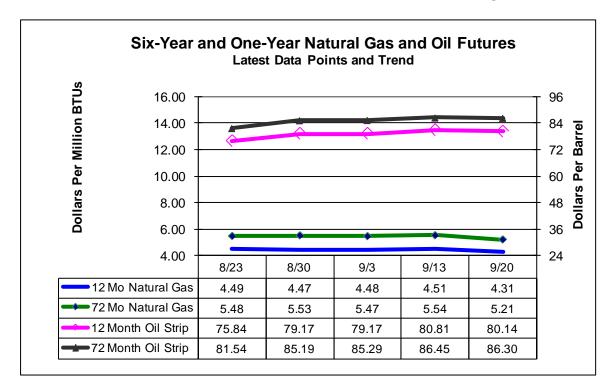


			Index of R	ecent Research
Stock 1	.1.			
	at			
<u>Date</u>	H	<u>Symbol</u>	Subject	Theme
7-Sep	H	LUKOY	Lukoil	Russian Growth in Oil (Meter Reader)
7-Sep		OGZPY	Gazprom	Russian Growth in Natural Gas (Meter Reader)
31-Aug		PTR	PetroChina	Leader in Largest Energy Economy (Meter Reader)
24-Aug	-	CEO	CNOOC Ltd	Raise NPV on Volume and Profit (Meter Reader)
17-Aug	-	ECA, CNQ	Encana, Canadian Natural	Raise NPV for ECA and CNQ on Probable Reserves (MR)
13-Aug	-	PEYUF	Peyto Energy Trust	Raise NPV to US\$18 from \$15 (Income and Small Cap Weekly)
13-Aug	*	BIREF	Birchcliff Energy Ltd.	Alberta Small Cap Natural Gas Growth
6-Aug	*	DMLP	Dorchester Minerals	Free Ride on Bakken and Fayetteville Shale (ISCW)
5-Aug	*	XEC	Cimarex Energy Company	Raise NPV to \$80 from \$75
5-Aug	*	DVN	Devon Energy Corporation	Onshore North American Value
30-Jul	*	COSWF	Canadian Oil Sands Trust	Distribution Yield of 7% with Long Life and Oil Upside (ISCW
29-Jul	*	XOM	ExxonMobil	Downstream Profits Restored
28-Jul	*	COP	ConocoPhillips	From Russia to Australia
27-Jul	*	WOPEY	Woodside Petroleum	Double WOPEY LNG in 2011 (Meter Reader)
23-Jul	*	HGT	Hugoton Royalty Trust	Pays 8% with Natural Gas Upside (ISCW)
21-Jul	*	ECA	Encana	Aggressive Growth at Lower Cost
16-Jul	*	SJT	San Juan Basin Royalty Trust	Raise NPV to \$25 from \$23 (Income and Small Cap Weekly)
9-Jul	*	HK	Petrohawk	Early in Haynseville (Income and Small Cap Weekly)
7-Jul	*	EOG	EOG Resources	Raise NPV to \$120 from \$92 a Share (Meter Reader)
1-Jul	*	RRC	Range Resources	First in Marcellus (Income and Small Cap Weekly)
25-Jun	*	DNR	Denbury Resources	Small Cap Oil Growth (Income and Small Cap Weekly)
22-Jun	-	CVE	Cenovus Energy	Quintuple in Deep Oil Sands (Meter Reader)
3-Jun	-	LUKOY	Lukoil Oil Company	Underrated Oil Performer
o van		LOTTO 1	Zunon on company	
Meter	R	eader		
21-Sep			Weekly Valuation	
14-Sep		CVX, RDS, S	SU	Promise of High Oil Returns
7-Sep		OGZPY, LU	KOY	Russian Growth - Gazprom for Natural Gas - Lukoil for Oil
31-Aug	*	PTR	PetroChina	Leader in Largest Energy Economy
Ingana		nd Creell C	Can Waalsky	
	a	na Sinah C	Cap Weekly	N. 10 O C . I T. D. I
17-Sep			Weekly Valuation	Natural Gas Opportunity for the Tens Decade
10-Sep			Weekly Valuation	Patience is Free
3-Sep			Weekly Valuation	Natural Gas Futures May Be Bottoming
27-Aug	*		Weekly Valuation	Rockies Ideas
	*	Archived or	n www.mcdep.com	



DEP Meter Reader

A Weekly Analysis of Large Cap Oil and Gas Stocks September 21, 2010



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