

Lukoil (LUKOY) Proven Competitor, Uncommon Value

Symbol	LUKOY	Ebitda Next Twelve Months ending 6/30/13 (US\$mm)	19,800
Rating	Contrarian Buy	North American Natural Gas/Ebitda (%)	0
Price (US\$/sh)	56.82	Natural Gas and Oil Production/Ebitda (%)	65
Pricing Date	8/31/12	Adjusted Reserves/Production NTM	16.5
Shares (mm)	780	EV/Ebitda	2.4
Market Capitalization (US\$mm)	44,300	PV/Ebitda	6.1
Debt (US\$mm)	2,900	Undeveloped Reserves (%)	40
Enterprise Value (EV) (US\$mm)	47,200	Natural Gas and Oil Ebitda (US\$/boe)	19.07
Present Value (PV) (US\$mm)	119,900	Present Value Proven Reserves(US\$/boe)	5.78
Net Present Value (US\$/share)	150	Present Value Proven Reserves(US\$/mcfe)	0.96
Debt/Present Value	0.02	Earnings Next Twelve Months (US\$/sh)	12.99
McDep Ratio - EV/PV	0.39	Price/Earnings Next Twelve Months	4
Dividend Yield (%/year)	4.1	Indicated Annual Dividend (US\$/sh)	2.32
Note: Estimated cash flow and	earnings tied to one	-year futures prices for oil.	
Reported results may var	y widely from estin	nates. Estimated present value per share revised only infrequ	uently.
Estimated present value p	resumes a long-ter	m price for oil of US\$100 a barrel and natural gas, \$6 a mill	ion btu.
		see www.mcdep.com/2luk.htm	

Summary and Recommendation

Contrarian Buy Lukoil (LUKOY), Russia's largest non-government oil company, leads its domestic competitors in fracking, offshore oil, refined product quality, operating efficiency and new international production while its stock trades at the lowest McDep Ratio, 0.39, and unlevered cash flow multiple (EV/Ebitda), 2.4 times, of any in our global coverage (see Tables 1-3 on pages 2-4). Latest quarterly results released on August 31 were lower than trend, mainly because of timing differences affecting currency and taxes (see table Next Twelve Months Operating and Financial Estimates on page 5). With high cash flow generation expected to continue there is ample quantitative justification of estimated Net Present Value (NPV) of \$150 a share (see table Functional Cash Flow and Present Value on page 6). Russia's most active horizontal driller, Lukoil has arrested the decline of oil production in its mainstay Western Siberian basin (see slide Horizontal on page 6). Along with 15-stage hydraulic fracturing, the new technology shows great promise in Russia's equivalent of the Permian Basin of Texas. Tax breaks have made it profitable for Lukoil to lead Russian companies in offshore development (see slide Caspian on page 7). Though high taxes onshore keep profit per barrel low, costs are also lower and the company's return on capital employed is within the range for global peers (see slide Competitive Position on page 7). Finally, stymied at selling its natural gas in Russia at a profitable price, the capitalist company uncovered a profitable natural gas opportunity in the Central Asian country of Uzbekistan producing natural gas for delivery to China (see slide Uzbekistan on page 8). In short, Lukoil appears to be performing much better than its low stock market valuation implies.

Kurt H. Wulff, CFA



				Table	_					
	\mathbf{M}	[cL	ep Lar	ge Cap	Energy S	Stocks				
	Geogra	ph	ic Dom	icile an	d Busines	s Segm	ents			
						Duaga	at Walasa ba	. Camus	+ (0/)	
			D. J.				nt Value by	segmen	11 (%)	
			Price	EV/	E	North	Rest			
~	1 1/D		(US\$/sh)		Enterprise	Amer.	of World	0:1	D	16 D
	mbol/Rat		31-Aug	Market	Value	Natural	Natural		Down-	McDep
B = Buy, CI	B (see bei	ow)	2012	Сар	(\$mm)	Gas	Gas	Prod'n	stream	Ratio
U.S. and Europe Integrated	DD CXXX		20.52	1.00	06.500		24	40	2.4	0.00
BG Group	BRGYY	-	20.53	1.23	86,500	_	24	42	34	0.98
Exxon Mobil Corporation	XOM		87.30	1.17	475,000	7	20	56	16	0.82
Royal Dutch Shell plc	RDS-A		69.97	1.27	278,000	3	22	56	19	0.73
Chevron Corporation	CVX		112.16	1.12	248,000	3	11	76	10	0.69
Statoil ASA (33%)	STO	В	25.57	1.49	40,000		35	65	-	0.67
BP plc	BP	_	42.06	1.64	222,000	4	8	63	25	0.62
Total S.A.	TOT	В	49.86	1.37	155,000		22	63	14	0.58
Total or Median					1,505,000			63		0.69
Brazil/Russia/Australia/China										
Woodside Petroleum Ltd.	WOPEY		35.60	1.27	36,000		69	31	-	0.83
CNOOC Limited (36%)	CEO		189.40	1.02	31,100		9	91	-	0.76
PetroChina Company Ltd (14%)	PTR			1.39	42,800		15	77	9	0.65
Petrobras	PBR	CB	21.14	1.55	214,000		5	81	14	0.58
Gazprom (50%)	OGZPY	CB		1.34	75,000		11	13	76	0.42
Lukoil Oil Company	LUKOY	CB	56.82	1.06	47,200			71	29	0.39
Total or Median					446,000			74		0.61
U.S. Independent										
Chesapeake Energy Corp.	CHK		19.35	2.43	35,500	64		36	-	0.86
EOG Resources, Inc.	EOG	В	108.30	1.20	35,100	32	4	64	-	0.86
Southwestern Energy Company	SWN		31.13	1.16	12,600	100			-	0.80
Anadarko Petroleum Corp.	APC		69.27	1.48	51,400	34		63	3	0.77
Occidental Petroleum Corp.	OXY	CB	85.01	1.13	78,000	8	1	81	10	0.73
ConocoPhillips	COP	В	56.79	1.56	109,000	13	13	74	-	0.69
Devon Energy Corporation	DVN	CB	57.83	1.36	31,800	46		54	_	0.64
Marathon Oil Corporation	MRO	CB	27.82	1.45	28,600	7	3	90	-	0.61
Total or Median					382,000			64		0.75
Canada					-					
Penn West Exploration	PWE		14.20	1.66	11,600	18		82	_	0.83
Imperial Oil Limited (30%)	IMO	В	45.68	1.17	13,700	2		84	14	0.77
Cenovus Energy Inc.	CVE			1.29	32,100	11		73	16	0.73
EnCana Corporation	ECA		22.20	1.52	24,700	86		14	_	0.69
Suncor Energy	SU		31.28	1.29	62,800	2		80	18	0.55
Canadian Oil Sands Limited	COSWF		21.35	1.23	12,700	_		100	_	0.53
Total or Median					158,000			81		0.71
Composite					2,491,000	8	14	63	16	0.68



		_	Table 2						
	McDep	Laı	rge Cap	Energy	Stocks				
Net Present Value and McDep Ratio									
					-				
			Price			Net			
			(US\$/sh)		Market	Present	Debt/		
	Symbol/R	_	31-Aug	Shares	Сар	Value	Present	McDep	
B = Buy	CB (see b	elow)	2012	(mm)	(US\$mm)	(US\$/sh)	Value	Ratio	
U.S. and Europe Integrated									
BG Group plc	BRGYY		20.53	3,415	70,100	21.00	0.19	0.98	
Exxon Mobil Corporation	XOM	В	87.30	4,657	407,000	110.00	0.12	0.82	
Royal Dutch Shell plc	RDS-A	В	69.97	3,133	219,000	102.00	0.15	0.73	
Chevron Corporation	CVX	В	112.16	1,968	221,000	170.00	0.07	0.69	
Statoil ASA (33%)	STO	В	25.57	1,050	26,900	44.00	0.22	0.67	
BP plc	BP		42.06	3,214	135,000	84.00	0.24	0.62	
Total S.A.	TOT	В	49.86	2,264	113,000	100.00	0.16	0.58	
Total or Median					1,192,000		0.16	0.69	
Brazil/Russia/Australia/China									
Woodside Petroleum Ltd.	WOPEY		35.60	797	28,400	45.00	0.17	0.83	
CNOOC Limited (36%)	CEO		189.40	161	30,500	250.00	0.02	0.76	
PetroChina Company Ltd (14%)	PTR	СВ	120.30	256	30,800	210.00	0.18	0.65	
Petrobras	PBR	CB	21.14	6,522	137,900	45.00	0.21	0.58	
Gazprom (50%)	OGZPY	СВ	9.74	5,750	56,000	28.00	0.10	0.42	
Lukoil Oil Company	LUKOY	CB	56.82	780	44,300	150.00	0.02	0.39	
Total or Median					328,000		0.14	0.61	
U.S. Independent					•				
Chesapeake Energy Corp.	CHK		19.35	753	14,600	27.00	0.51	0.86	
EOG Resources, Inc.	EOG	В	108.30	270	29,200	130.00	0.14	0.86	
Southwestern Energy Company	SWN		31.13	348	10,800	40.00	0.11	0.80	
Anadarko Petroleum Corp.	APC		69.27	500	34,600	100.00	0.25	0.77	
Occidental Petroleum Corp.	OXY	CB	85.01	811	68,900	120.00	0.08	0.73	
ConocoPhillips	COP	В	56.79	1,236	70,000	96.00	0.25	0.69	
Devon Energy Corporation	DVN	CB	57.83	405	23,400	102.00	0.17	0.64	
Marathon Oil Corporation	MRO	СВ	27.82	709	19,720	54.00	0.19	0.61	
Total or Median					271,200		0.18	0.75	
Canada					•				
Penn West Exploration	PWE		14.20	473	7,000	20.00	0.33	0.83	
Imperial Oil Limited (30%)	IMO	В	45.68	256	11,700	62.00	0.11	0.77	
Cenovus Energy Inc.	CVE	CB	32.70	758	24,800	48.00	0.17	0.73	
EnCana Corporation	ECA	В	22.20	736	16,300	37.00	0.24	0.69	
Suncor Energy	SU	В	31.28	1,558	48,700	64.00	0.12	0.55	
Canadian Oil Sands Limited	COSWF	В	21.35	485	10,400	45.00	0.10	0.53	
Total or Median					119,000		0.15	0.71	
20111 0. 1.2041447					,				
CB=Contrarian Buy, Stock Price ma	v in downt	rend c	ompared to	200-day a	verage.				
McDep Ratio = Market cap and Det	•		-		_				
Estimated present value presumes a						loas \$6 a r	nillion btu		



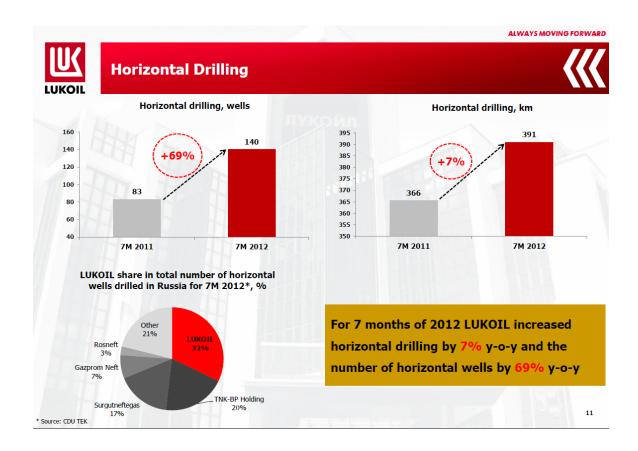
			Table 3					
\mathbf{M}_{0}	cDep L	arg	e Cap I	Energy S	tocks			
Val	lue M ul	ltipl	les and	Dividend	l Yield			
			Price	4 4244				
			(US\$/sh)	Adjustd Resrvs/	PV/	EV/		Dividend
	humbol/Den	tinor		Prod	Ebitda	Ebitda	P/E	NTM
	ymbol/Rai	_	31-Aug 2012	NTM	NTM	NTM	NTM	(%)
B = Buy, C	D (see be)	low)	2012	11111	101101	101101	101101	(70)
U.S. and Europe Integrated								
BG Group plc	BRGYY		20.53	8.9	7.7	7.5	14	1.2
Exxon Mobil Corporation	XOM	В	87.30	13.1	7.9	6.4	11	2.6
Royal Dutch Shell plc	RDS-A	В	69.97	10.1	7.0	5.2	10	4.9
BP plc	BP		42.06	11.4	8.3	5.2	7	4.6
Chevron Corporation	CVX	В	112.16	9.2	7.2	5.0	10	3.2
Total S.A.	TOT	В	49.86	10.2	7.8	4.5	8	5.9
Statoil ASA (33%)	STO	В	25.57	6.3	6.3	4.3	8	4.2
Median				10.1	7.7	5.2	10	4.2
Brazil/Russia/Australia/China								
Woodside Petroleum Ltd.	WOPEY		35.60	13.2	8.7	7.2	11	3.1
Petrobras	PBR	СВ	21.14	13.1	8.2	4.7	7	4.9
PetroChina Company Ltd (14%)	PTR	CB	120.30	13.1	7.0	4.5	8	4.1
CNOOC Limited (36%)	CEO		189.40	6.9	5.6	4.2	8	3.6
Lukoil Oil Company	LUKOY	СВ	56.82	16.5	6.1	2.4	4	4.1
Gazprom (50%)	OGZPY		9.74	31.2	5.7	2.4	3	5.8
Median	O CLI I		2.71	13.2	6.5	4.4	7	4.1
U.S. Independent							-	
Southwestern Energy Company	SWN		31.13	7.5	16.5	13.3	25	_
Chesapeake Energy Corp.	CHK		19.35	9.8	10.6	9.1	17	1.8
EOG Resources, Inc.	EOG	В	108.30	9.2	7.6	6.5	26	0.6
Anadarko Petroleum Corp.	APC		69.27	8.3	7.9	6.0	20	0.5
ConocoPhillips	COP	В	56.79	12.7	8.3	5.8	10	4.6
Devon Energy Corporation	DVN	CB	57.83	9.9	9.0	5.7	17	1.4
Occidental Petroleum Corp.	OXY	CB	85.01	10.0	7.6	5.6	12	2.5
Marathon Oil Corporation	MRO	CB	27.82	9.7	6.8	4.1	9	2.4
Median	MICO	CD	27.02	9.8	8.1	5.9	17	1.6
Canada				5.0	0.1	0.5		1.0
EnCana Corporation	ECA	В	22.20	8.8	16.2	11.3		3.6
Imperial Oil Limited (30%)	IMO	В	45.68	36.9	11.6	8.9	12	1.1
Penn West Exploration	PWE	_	14.20	7.3	8.7	7.2	18	7.7
Cenovus Energy Inc.	CVE	СВ	32.70	13.1	9.2	6.8	16	2.7
Canadian Oil Sands Limited	COSWF	В	21.35	19.4	11.4	6.0	9	6.6
Suncor Energy	SU	В	31.28	17.1	9.4	5.2	14	1.7
Median			21.20	15.1	10.4	7.0	14	3.2
1.2041471				-5.1		,,,,		2.2
CB=Contrarian Buy, Stock Price may be	in downtre	end c	ompared to	200-day ay	erage.			
EV = Enterprise Value = Market Cap and			•			eciation		
and amortization; NTM = Next Twelve M			_		_			
Earnings; PV = Present Value of oil and				_, 510				



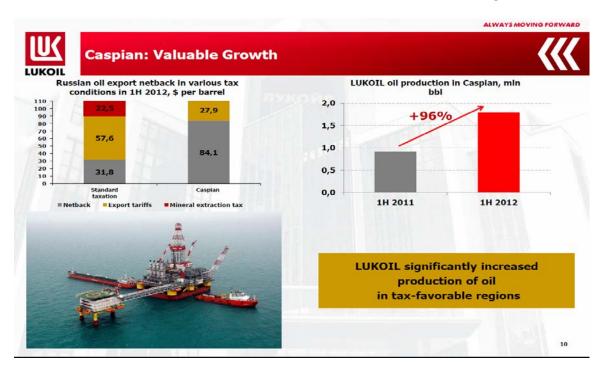
			Lukoil O	il Compa	ny				
	Next T	welve Mon	ths Oper	ating and	Financial	Estimates			
				_					Next
									Twelve
	Q 2	Year	Q1	Q 2	Q3E	Q4E	Year	Q2E	Months
	6/30/11	2011	3/31/12	6/30/12	9/30/12	12/31/12	2012E	6/30/13	6/30/13
Volume									
Natural gas (bcf)	160	657	186	165	167	167	686	165	684
Natural Gas (mmcfd)	1,758	1,800	2,046	1,818	1,818	1,818	1,875	1,818	1,874
Days	91	365	91	91	92	92	366	91	365
Oil (mmb)	168	672	169	167	169	169	675	167	672
Oil (mbd)	1,844	1,840	1,857	1,840	1,840	1,840	1,844	1,840	1,840
Price									•
Natural gas (\$/mcf)	1.00	1.00	1.36	1.82	1.82	1.82	1.70	1.82	1.82
Oil (\$/bbl)									
WTI Cushing	102.55	95.12	102.93	93.32	92.57	95.99	96.20	97.03	95.66
Lukoil export	113.75	109.09	117.02	106.84	105.98	109.89	109.94	111.09	109.50
NY Harbor 3-2-1 (\$/bbl)	27.68	25.56	24.31	30.77	31.15	27.90	28.53	25.97	27.09
Revenue (\$mm)									
Natural Gas	160	657	253	301	304	304	1,163	301	1,245
Oil	19,088	73,267	19,775	17,889	17,940	18,603	74,207	18,601	73,542
Other	15,824	60,383	15,486	14,508	14,508	14,508	59,009	14,508	58,031
Total	34,912	133,650	35,261	32,397	32,752	33,415	133,825	33,410	132,818
Ebitda (\$mm)	,	,	,		,	,		,	,
Exploration and Production	3,724	13,123	3,716	3,132	3,124	3,238	13,211	3,237	12,808
Other	1,683	6,750	1,602	408	2,044	1,436	5,490	1,952	7,000
Total Ebitda	5,407	19,874	5,318	3,541	5,168	4,674	18,701	5,189	19,808
Exploration	85	532	43	104	104	104	355	104	416
Deprec., Deplet., & Amort.	1,149	4,473	1,095	1.177	1,177	1.177	4,626	1.177	4,708
Ebit	4,173	14,869	4.180	2,260	3,887	3,393	13,720	3,908	14,684
Interest	87	294	10	57	57	57	182	57	229
Ebt	4,086	14,574	4,170	2,203	3,830	3,335	13,538	3,851	14,454
Income Tax	814	3,293	367	1,173	1,146	998	3,684	1,152	4,325
Net Income (\$mm)	011	0,270	307	1,175	1,110	,,,,	2,001	1,132	1,020
Exploration and Production	1,583	7,620	2,811	1,593					
Other	482	3,533	1,077	(556)					
Unallocated	1,207	128	(85)	(7)					
Total	3,272	11,281	3,803	1,030	2,684	2,337	9,854	2,699	10,129
Shares (millions)	802	798	794	780	780	780	785	780	780
Per share (\$)	4.08	14.14	4.79	1.32	3.44	3.00	12.55	3.46	12.99
Ebitda Margin (E&P)	20%	18%	19%	1.32	17%	17%	18%	17%	17%
Tax Rate	20%	23%	9%	53%	30%	30%	27%	30%	30%

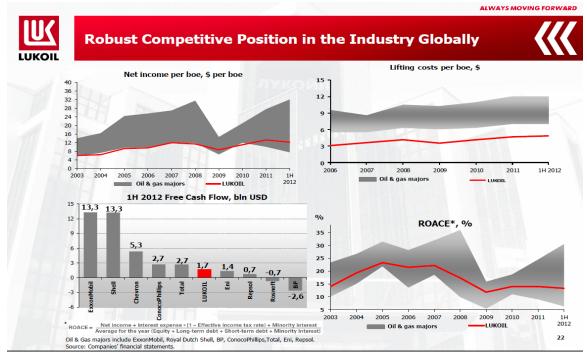


	Lukoil				
Functional Cas	sh Flow and	Present Va	lue		
				Present	
1	VTM Ebitda	Adjusted	PV/	Value	
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	(US\$mm)	
Natural Gas	213	23.9	6.6	1,400	1%
Oil	12,590	16.5	6.7	84,500	70%
Downstream	7,000		4.9	34,000	28%
	19,800	17.6	6.1	119,900	100%
Debt (US\$mm)					2,900
Net Present Value (US\$mm)					117,000
Shares (mm)					780
Net Present Value - Standard Estimate (US\$/sh)					150
NPV Approximation by Cash Flow Multiple Depe	nding on Res	erve Life (U	S\$/sh)		224

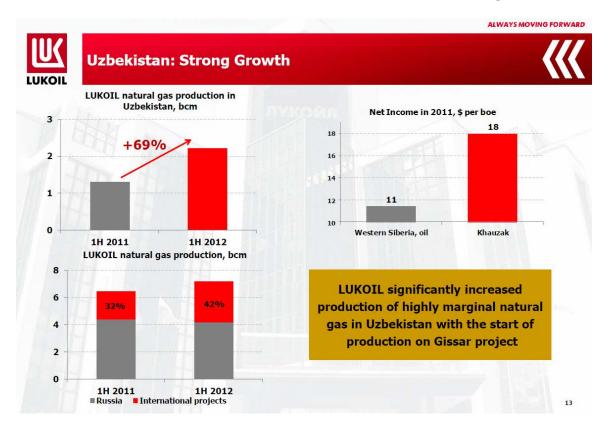












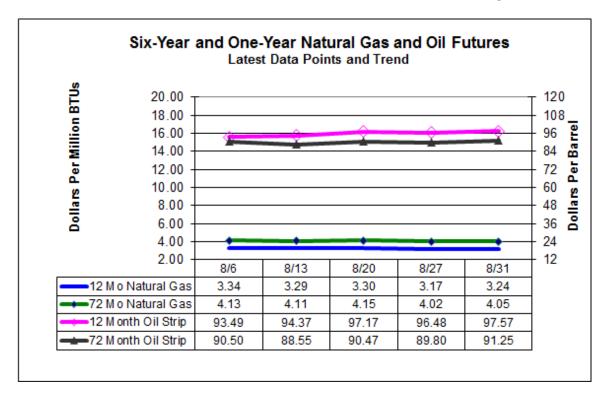


		Index of R	ecent Research
Stock 1	Ideas		
<u>Date</u>	<u>Symbol</u>	<u>Subject</u>	<u>Theme</u>
28-Aug	PTR	PetroChina	Pent-Up Profits (Meter Reader)
24-Aug	HGT	Hugoton Royalty Trust	Highest Return for the Next Year (Income and Small Cap Weekly)
21-Aug	TOT	Total	Buy \$100 NPV for \$50 Stock Price (Meter Reader)
17-Aug		Halcón Resources	Billion Barrel Resource Potential (Income and Small Cap Weekly
14-Aug	APC	Anadarko Petroleum	Raise NPV to \$100 as Growth Trumps Legal Issues (Meter Reader
10-Aug	CLR	Continental Resources	Bakken Billions (ISCW)
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)
	BRY	Berry Petroleum	Momentum Resuming (Income and Small Cap Weekly)
	XOM	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)
26-Jun	STO	Statoil	Financially Strong Norse Explorers (Meter Reader)
19-Jun	CVE	Cenovus	Deep Oil Sands Growth at Lower Price (Meter Reader)
12-Jun	PBR	Petrobras	Deep Water Oil Growth, Lower NPVto \$45 (Meter Reader)
12-Jun	BRGYY	BG Group	Lower NPVto \$21 (6/12/12 Meter Reader, page 2)
13-Jun	ERF	Enerplus Corporation	Dividend Reduced by Half
8-Jun	SJT	San Juan Basin Royalty Trust	Price Decline Action in SJT and Royalty Trusts (ISCW)
5-Jun	WOPEY	Woodside Petroleum Ltd.	Pluto LNG Delivering (Meter Reader)
25-May	HGT	Hugoton RoyaltyTrust	HGT Bargain (Income and Small Cap Weekly)
18-May	BIREF	Birchcliff Energy	Contrarian Buy at Lower NPV (Income and Small Cap Weekly)
15-May	EOG	EOG Resources	Raise NPV to \$130 a Share on Oil Volume (Meter Reader)
11-May	DMLP	Dorchester Minerals, L.P.	Rising Oil Production (Income and Small Cap Wkly)
8-May	ECA	Encana	Long-Term Natural Gas Appeal (Meter Reader)
4-May		Whiting Petroleum	Oil Price Discount Narrows (Income and Small Cap Weekly)
1-May		Royal Dutch Shell	LNG and GTL Profit Gains (Meter Reader)
17-Apr	COP	ConocoPhillips	Largest North American Independent Producer Debut (MR)
10-Apr	DVN	Devon Energy	Shale Oil Excitement at a Favorite Value Stock (Meter Reader)
20-Mar	CVX	Chevron	Investing in Australian LNG for Growth (Meter Reader)
6-Mar		Imperial Oil	Kearl Startup Late This Year (Meter Reader)
	For historical res	search by stock, go to mcdep.com,	click on Stock Ideas, click on stock by name.
Meter	Reader		
28-Aug	PTR	PetroChina	Pent-Up Profits
21-Aug		Total	Buy \$100 NPV for \$50 Stock Price
14-Aug		Anadarko Petroleum	Raise NPV to \$100 as Growth Trumps Legal Issues
7-Aug	SU	Suncor Energy	New CEO, New Focus on Shareholder Return
		ons, go to <u>mcdep.com</u> , click on <u>Me</u>	·
Income	e and Small Cap	Weekly	
31-Aug			Royalty Trust McDep Opportunities
24-Aug	HGT	Hugoton Royalty Trust	Highest Return for the Next Year
17-Aug		Halcón Resources	Billion Barrel Resource Potential
10-Aug		Continental Resources	Bakken Billions
		ons, go to mcdep.com, click on Ene	



DEP Meter Reader

A Weekly Analysis of Large Cap Oil and Gas Stocks September 4, 2012



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