

Devon Energy (DVN) Shale Oil Excitement at a Favorite Value Stock

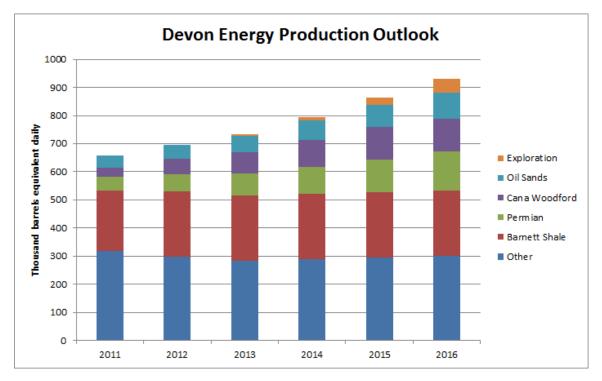
Symbol	DVN	Ebitda Next Twelve Months ending 3/31/13 (US\$mm)	6,600
Rating	Buy	North American Natural Gas/Ebitda (%)	24
Price (\$/sh)	70.29	Natural Gas and Oil Production/Ebitda (%)	100
Pricing Date	4/9/12	Adjusted Reserves/Production NTM	10.1
Shares (mm)	405	EV/Ebitda	5.4
Market Capitalization (\$mm)	28,500	PV/Ebitda	7.4
Debt (\$mm)	7,200	Undeveloped Reserves (%)	26
Enterprise Value (EV) (\$mm)	35,700	Natural Gas and Oil Ebitda (\$/boe)	25.50
Present Value (PV) (\$mm)	48,500	Present Value Proven Reserves(\$/boe)	16.10
Net Present Value (\$/share)	102	Present Value Proven Reserves(\$/mcfe)	2.70
Debt/Present Value	0.15	Earnings Next Twelve Months (US\$/sh)	6.98
McDep Ratio - EV/PV	0.74	Price/Earnings Next Twelve Months	10
Dividend Yield (%/year)	1.1	Indicated Annual Dividend (US\$/sh)	0.80
Note: Estimated cash flow	and earnings tied to o	one-year futures prices for natural gas and oil.	
Reported results may	vary widely from est	imates. Estimated present value per share revised only infrec	uently.
Estimated present val	ue presumes a long-t	erm price for oil of US\$100 a barrel and natural gas, \$6 a mil	lion btu.
For historical researc	ch on Devon since 20	04 see http://www.mcdep.com/3dvn.htm	

Summary and Recommendation

Buy-recommended **Devon Energy (DVN)**'s value appeal at a McDep Ratio of 0.74 becomes more exciting with increasing shale oil growth appeal. Management laid out details behind a new forecast of 7% a year growth in volume at a meeting with analysts in Houston on April 4 (see chart Production Outlook on page 2). A stronger volume trend points to a future upward revision in Net Present Value (NPV) as suggested by a wide gap between our estimate of \$102 and the higher number indicated by a linear approximation that depends on cash flow multiple and reserve life (see table Functional Cash Flow and Present Value on page 2). A complete shift of growth to liquids from natural gas is already showing up in recent and future quarterly results (see table NTM Operating and Financial Estimates on page 3). The largest single source of incremental U.S. oil production may ultimately be the most prolific historical producing area, the Permian Basin, where DVN is the most active horizontal driller and the second largest landholder among independent producers. Once criticized by academic naysayers for drilling too many "uneconomic" oil wells, U.S. producers now find those old wells to be a wealth of data on shale formations. As one example, Devon engineers and geoscientists have performed the detailed analysis of old data to uncover a whole new commercial oil frontier in the "Cline" shale of West Texas. It looks to us like the company is on the way to being an industry leader in shale oil just as it has done in shale gas with the largest position in the first commercial field, the Barnett. Helping the valuation case for DVN, McDep Ratio is low and debt is low (see Table 1 and Table 2 on pages 4 and 5), cash flow multiple (EV/Ebitda) is low relative to reserve life (see Table 3 on page 6) and stock price is trending up compared to the 200-day average (see Table 4 on page 7).

Kurt H. Wulff, CFA





	Devon Energ	gy			
Func	tional Cash Flow and	l Present V	alue		
		Present			
	NTM Ebitda	Adjusted	PV/	Value	
	<u>(US\$mm)</u>	<u>R/P</u>	<u>Ebitda</u>	<u>(US\$mm)</u>	
North American Natural Gas	1,590	10.5	15.7	25,000	52%
Oil	5,000	9.4	4.7	23,500	48%
	6,590	10.1	7.4	48,500	100%
Debt (US\$mm)					7,200
Net Present Value (US\$mm)					41,300
Shares (mm)					405
Net Present Value - Standard Estimate	(US\$/sh)				102
NPV Approximation by Cash Flow Mu	ltiple Depending on R	eserve Life	(US\$/sh)		127



				Energy					
	Next Ty	welve Mon	ths Oper	ating and	Financial	Results			
									Next
									Twelve
	Q1	Q4	Year	Q1E	Q2E	Q3E	Year	Q1E	Months
	3/31/11	12/31/11	2011	3/31/12	6/30/12	9/30/12	2012E	3/31/13	3/31/13
Volume									
Natural Gas (mmcfd)									
U.S.	1,964	2,085	2,027	2,054	2,023	1,993	2,008	1,933	1,978
Canada	569	571	583	562	554	546	550	529	542
Total	2,533	2,656	2,610	2,616	2,577	2,538	2,565	2,463	2,520
Oil (mbd)	207	238	223	252	266	281	274	314	289
Total gas & oil (mmboe)	57	63	240	63	63	65	256	65	259
Total gas & oil (mboed)	629	681	658	688	695	704	700	724	709
Price									
Natural gas (\$/mcf)									
Henry Hub (\$/mmbtu)	4.11	3.55	4.04	2.73	2.17	2.42	2.55	3.35	2.70
U.S.	3.50	3.08	3.51	2.37	1.89	2.10	2.21	2.91	2.34
Canada	4.03	3.45	3.87	2.65	2.11	2.35	2.47	3.26	2.62
Total	3.62	3.16	3.59	2.43	1.94	2.16	2.27	2.99	2.40
Oil (\$/bbl)									
WTI Cushing	94.10	94.06	95.12	102.93	102.68	104.03	103.64	105.13	104.19
Worldwide	55.71	59.48	59.46	65.09	64.93	65.78	65.57	66.48	65.92
Total gas & oil (\$/mcf)	5.48	5.52	5.73	5.51	5.33	5.67	5.66	6.50	5.90
Revenue (\$mm)									
Natural Gas									
U.S.	619	591	2,598	443	348	386	1,625	507	1,689
Canada	206	181	825	136	106	118	498	155	517
Total	825	772	3,422	578	454	504	2,123	662	2,206
Oil	1,038	1,302	4,838	1,490	1,571	1,701	6,576	1,879	6,965
Total	1,863	2,074	8,260	2,069	2,025	2,205	8,698	2,541	9,171
Expense	540	635	2,318	582	570	620	2,447	715	2,580
Ebitda (\$mm)	1,323	1,439	5,942	1,487	1,456	1,585	6,252	1,826	6,591
Deprec., Deplet., & Amort.	529	626	2,294	626	626	626	2,504	626	2,504
Hedging and other	(174)	(234)	(652)	(200)	(222)	(132)	(588)	(200)	(588)
Ebit	967	1,048	4,300	1,061	1,051	1,090	4,335	1,400	4,675
Interest	81	82	352	82	82	82	328	82	328
Ebt	886	966	3,948	979	969	1,008	4,007	1,318	4,347
Income Tax	310	338	1,382	343	339	353	1,403	461	1,521
Net Income (\$mm)	576	628	2,566	636	630	656	2,605	857	2,825
Shares (millions)	430	405	418	405	405	405	405	405	405
Per Share (\$)	1.34	1.55	6.14	1.57	1.56	1.62	6.43	2.12	6.98
Ebitda Margin	71%	69%	72%	72%	72%	72%	72%	72%	72%
Tax Rate	35%	35%	35%	35%	35%	35%	35%	35%	35%



				Table						
	Μ	[cL)ep Lar	ge Cap	Energy S	Stocks				
	Geogra	ph	ic Dom	icile an	d Busines	s Segn	ents			
						D		G	(0())	
							nt Value by	Segmen	t (%)	
			Price			North	Rest			
			(US\$/sh)	EV/	Enterprise	Amer.	3		~	
-	wmbol/Rat	<u> </u>	9-Apr	Market	Value	Natural	Natural		Down-	McDep
B = Buy, C	B (see bel	ow)	2012	Cap	(\$ <i>mm</i>)	Gas	Gas	Prod'n	stream	Rati
U.S. and Europe Integrated	DD GUT							10		
BG Group	BRGXF		22.40	1.23	94,000		25	48	26	0.91
Exxon Mobil Corporation	XOM		83.88	1.20	479,000	8	19	57	16	0.79
Royal Dutch Shell plc	RDS-A			1.29	278,000	3	21	58	18	0.73
Statoil ASA (33%)	STO		26.11	1.50	41,100		33	67	-	0.69
Chevron Corporation	CVX	В	103.49	1.14	235,000	3	11	77	10	0.64
BP plc	BP		43.26	1.61	223,000	4	9	62	25	0.63
Total S.A.	TOT	CB	49.84	1.38	155,000		23	63	14	0.58
Total or Median					1,505,000			62		0.69
Brazil/Russia/Australia/Chin	a									
Woodside Petroleum Ltd.	WOPEY		35.80	1.26	36,000		67	33	-	0.83
CNOOC Limited (36%)	CEO		200.60	1.01	32,700		9	91	-	0.80
PetroChina Company Ltd (14%)	PTR	В	139.84	1.35	48,500		15	71	14	0.73
Petrobras	PBR	CB	24.91	1.43	231,000		8	77	15	0.49
Gazprom (50%)	OGZPY	В	12.06	1.24	86,000		11	13	76	0.48
Lukoil Oil Company	LUKOY		60.33	1.05	51,100			72	28	0.41
Total or Median					485,000			71		0.61
U.S. Independent					,					
Anadarko Petroleum Corp.	APC		75.83	1.50	56,500	33		64	3	0.92
EOG Resources, Inc.	EOG	B	107.44	1.19	34,500	29	4	67	-	0.91
Chesapeake Energy Corp.	CHK		21.47	2.13	34,400	61		39	_	0.89
Occidental Petroleum Corp.	OXY			1.11	82,200	8	1	83	9	0.78
Southwestern Energy Company	SWN	CD	29.03	1.11	11,700	100	1	05	-	0.75
Devon Energy Corporation	DVN	B	70.29	1.25	35,700	52		48	-	0.73
ConocoPhillips	COP		75.05	1.45	142,000	12	11	59	18	0.74
Marathon Oil Corporation	MRO		30.14	1.43	30,000	7	3	90	- 10	0.74
Total or Median	MKO	D	50.14	1.41	427,000	/	3	90 64	-	0.04
					427,000			04		0.77
Canada	0175	CP	24.01	1.00	22.100	10		0.0	7	0.74
Cenovus Energy Inc.	CVE	CB		1.28	33,100	13		80	7	0.76
Penn West Exploration	PWE	P	17.68	1.49	13,800	13		87	-	0.74
Imperial Oil Limited (30%)	IMO		43.79	1.17	13,100	2		84	14	0.74
EnCana Corporation	ECA			1.67	22,800	87		13	-	0.63
Suncor Energy		CB		1.31	62,500	2		83	15	0.54
Canadian Oil Sands Limited	COSWF	CB	20.48	1.21	12,000			100	-	0.44
Total or Median					157,000			84		0.68
Composite					2,574,000	7	14	63	16	0.67

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



	ent `	cge Cap Value an Price (US\$/sh)		Stocks ep Ratio			
Symbol/Re		Price	nd McD	ep Ratio			
	ating						
	ating						
	ating	(US\$/sh)			Net		
	ating	(000)		Market	Present	Debt/	
CB (see b	0	9-Apr	Shares	Cap	Value	Present	McDep
	elow)	2012	(mm)	(US\$mm)	(US\$/sh)	Value	Ratio
BRGXF		22.40	3.415	76,500	25.00	0.17	0.91
	В						0.79
	CB		,	,			0.73
STO	В	26.11		,		0.23	0.69
CVX	В	103.49	1,987	206,000	170.00	0.08	0.64
BP		43.26	3,203	139,000	84.00	0.24	0.63
TOT	CB	49.84	2,264	113,000	100.00	0.16	0.58
				1,177,000		0.17	0.69
WOPEY		35.80	797	28,500	45.00	0.17	0.83
CEO		200.60	162	32,400	250.00	0.01	0.80
PTR	В	139.84	256	35,800	210.00	0.19	0.73
PBR	CB	24.91	6,473	161,200	62.00	0.15	0.49
OGZPY	В	12.06	5,750	69,300	28.00	0.09	0.48
LUKOY	В	60.33	809	48,800	150.00	0.02	0.41
				376,000		0.12	0.61
APC		75.83	498	37,800	86.00	0.30	0.92
EOG	В	107.44	270	29,000	120.00	0.14	0.91
CHK		21.47	750	16,100	27.00	0.47	0.89
OXY	CB	91.38	812	74,200	120.00	0.08	0.78
SWN		29.03	350	10,200	40.00	0.10	0.75
DVN	В	70.29		28,500	102.00	0.15	0.74
COP	В	75.05	1,306	98,000	114.00	0.23	0.74
MRO	В	30.14	707	21,310	54.00	0.19	0.64
				315,100		0.17	0.77
CVE	CB	34.01	758	25,800	48.00	0.17	0.76
PWE		17.68	471	9,300	30.00	0.24	0.74
IMO	В	43.79	256	11,200	62.00	0.11	0.74
ECA	CB	18.57	739	13,700	37.00	0.25	0.63
SU	CB	30.42	1,572	47,800	64.00	0.13	0.54
COSWF	CB	20.48	485	9,900	52.00	0.08	0.44
				118,000		0.15	0.68
	CVX BP TOT VOPEY CEO PTR PBR OGZPY LUKOY APC EOG CHK OXY SWN DVN COP MRO CVE PWE IMO ECA SU COSWF y in downt t to preser	XOM B RDS-A CB STO B CVX B BP	XOM B 83.88 RDS-A CB 68.67 STO B 26.11 CVX B 103.49 BP 43.26 TOT CB 49.84 OT CB 49.84 WOPEY 35.80 CEO 200.60 PTR B 139.84 PBR CB 24.91 OGZPY B 12.06 LUKOY B 60.33 APC 75.83 EOG B 107.44 CHK 21.47 OXY CB 91.38 SWN 29.03 DVN B 70.29 COP B 75.05 MRO B 30.14 OK CB 34.01 PWE 17.68 100 IMO B 43.79 ECA CB 18.57 SU CB 30.42 <tr <="" td=""><td>XOM B 83.88 4,775 RDS-A CB 68.67 3,121 STO B 26.11 1,050 CVX B 103.49 1,987 BP 43.26 3,203 TOT CB 49.84 2,264 WOPEY 35.80 797 CEO 200.60 162 PTR B 139.84 256 PBR CB 24.91 6,473 OGZPY B 12.06 5,750 LUKOY B 60.33 809 APC 75.83 498 EOG B 107.44 270 CHK 21.47 750 OXY CB 91.38 812 SWN 29.03 350 DVN B 70.29 405 COP B 75.05 1,306 MRO B 30.14 707 CVE CB 34.</td><td>XOM B 83.88 4,775 401,000 RDS-A CB 68.67 3,121 214,000 STO B 26.11 1,050 27,400 CVX B 103.49 1,987 206,000 BP 43.26 3,203 139,000 TOT CB 49.84 2,264 113,000 TOT CB 49.84 2,264 113,000 WOPEY 35.80 797 28,500 CEO 200.60 162 32,400 PTR B 139.84 256 35,800 PBR CB 24.91 6,473 161,200 OGZPY B 12.06 5,750 69,300 LUKOY B 60.33 809 48,800 CHK 21.47 750 16,100 OXY CB 91.38 812 74,200 SWN 29.03 350 10,200 DVN B 70.29<</td><td>XOM B 83.88 4,775 401,000 110.00 RDS-A CB 68.67 3,121 214,000 102.00 STO B 26.11 1,050 27,400 44.00 CVX B 103.49 1,987 206,000 170.00 BP 43.26 3,203 139,000 84.00 TOT CB 49.84 2,264 113,000 100.00 TOT CB 49.84 2,264 113,000 100.00 WOPEY 35.80 797 28,500 45.00 CEO 200.60 162 32,400 250.00 PTR B 139.84 256 35,800 210.00 OGZPY B 12.06 5,750 69,300 28.00 LUKOY B 60.33 809 48,800 150.00 EOG B 107.44 270 29,000 120.00 CHK 21.47 750 16,100</td><td>XOM B 83.88 4,775 401,000 110.00 0.13 RDS-A CB 68.67 3,121 214,000 102.00 0.17 STO B 26.11 1,050 27,400 44.00 0.23 CVX B 103.49 1,987 206,000 170.00 0.08 BP 43.26 3,203 139,000 84.00 0.24 TOT CB 49.84 2,264 113,000 100.00 0.17 CEO 200.60 162 32,400 250.00 0.01 PTR B 139.84 256 35,800 210.00 0.19 PBR CB 24.91 6,473 161,200 62.00 0.15 OGZPY B 12.06 5,750 69,300 28.00 0.02 LUKOY B 60.33 809 48,800 150.00 0.02 LUKOY B 107.44 270 29,000 120.00</td></tr>	XOM B 83.88 4,775 RDS-A CB 68.67 3,121 STO B 26.11 1,050 CVX B 103.49 1,987 BP 43.26 3,203 TOT CB 49.84 2,264 WOPEY 35.80 797 CEO 200.60 162 PTR B 139.84 256 PBR CB 24.91 6,473 OGZPY B 12.06 5,750 LUKOY B 60.33 809 APC 75.83 498 EOG B 107.44 270 CHK 21.47 750 OXY CB 91.38 812 SWN 29.03 350 DVN B 70.29 405 COP B 75.05 1,306 MRO B 30.14 707 CVE CB 34.	XOM B 83.88 4,775 401,000 RDS-A CB 68.67 3,121 214,000 STO B 26.11 1,050 27,400 CVX B 103.49 1,987 206,000 BP 43.26 3,203 139,000 TOT CB 49.84 2,264 113,000 TOT CB 49.84 2,264 113,000 WOPEY 35.80 797 28,500 CEO 200.60 162 32,400 PTR B 139.84 256 35,800 PBR CB 24.91 6,473 161,200 OGZPY B 12.06 5,750 69,300 LUKOY B 60.33 809 48,800 CHK 21.47 750 16,100 OXY CB 91.38 812 74,200 SWN 29.03 350 10,200 DVN B 70.29<	XOM B 83.88 4,775 401,000 110.00 RDS-A CB 68.67 3,121 214,000 102.00 STO B 26.11 1,050 27,400 44.00 CVX B 103.49 1,987 206,000 170.00 BP 43.26 3,203 139,000 84.00 TOT CB 49.84 2,264 113,000 100.00 TOT CB 49.84 2,264 113,000 100.00 WOPEY 35.80 797 28,500 45.00 CEO 200.60 162 32,400 250.00 PTR B 139.84 256 35,800 210.00 OGZPY B 12.06 5,750 69,300 28.00 LUKOY B 60.33 809 48,800 150.00 EOG B 107.44 270 29,000 120.00 CHK 21.47 750 16,100	XOM B 83.88 4,775 401,000 110.00 0.13 RDS-A CB 68.67 3,121 214,000 102.00 0.17 STO B 26.11 1,050 27,400 44.00 0.23 CVX B 103.49 1,987 206,000 170.00 0.08 BP 43.26 3,203 139,000 84.00 0.24 TOT CB 49.84 2,264 113,000 100.00 0.17 CEO 200.60 162 32,400 250.00 0.01 PTR B 139.84 256 35,800 210.00 0.19 PBR CB 24.91 6,473 161,200 62.00 0.15 OGZPY B 12.06 5,750 69,300 28.00 0.02 LUKOY B 60.33 809 48,800 150.00 0.02 LUKOY B 107.44 270 29,000 120.00
XOM B 83.88 4,775 RDS-A CB 68.67 3,121 STO B 26.11 1,050 CVX B 103.49 1,987 BP 43.26 3,203 TOT CB 49.84 2,264 WOPEY 35.80 797 CEO 200.60 162 PTR B 139.84 256 PBR CB 24.91 6,473 OGZPY B 12.06 5,750 LUKOY B 60.33 809 APC 75.83 498 EOG B 107.44 270 CHK 21.47 750 OXY CB 91.38 812 SWN 29.03 350 DVN B 70.29 405 COP B 75.05 1,306 MRO B 30.14 707 CVE CB 34.	XOM B 83.88 4,775 401,000 RDS-A CB 68.67 3,121 214,000 STO B 26.11 1,050 27,400 CVX B 103.49 1,987 206,000 BP 43.26 3,203 139,000 TOT CB 49.84 2,264 113,000 TOT CB 49.84 2,264 113,000 WOPEY 35.80 797 28,500 CEO 200.60 162 32,400 PTR B 139.84 256 35,800 PBR CB 24.91 6,473 161,200 OGZPY B 12.06 5,750 69,300 LUKOY B 60.33 809 48,800 CHK 21.47 750 16,100 OXY CB 91.38 812 74,200 SWN 29.03 350 10,200 DVN B 70.29<	XOM B 83.88 4,775 401,000 110.00 RDS-A CB 68.67 3,121 214,000 102.00 STO B 26.11 1,050 27,400 44.00 CVX B 103.49 1,987 206,000 170.00 BP 43.26 3,203 139,000 84.00 TOT CB 49.84 2,264 113,000 100.00 TOT CB 49.84 2,264 113,000 100.00 WOPEY 35.80 797 28,500 45.00 CEO 200.60 162 32,400 250.00 PTR B 139.84 256 35,800 210.00 OGZPY B 12.06 5,750 69,300 28.00 LUKOY B 60.33 809 48,800 150.00 EOG B 107.44 270 29,000 120.00 CHK 21.47 750 16,100	XOM B 83.88 4,775 401,000 110.00 0.13 RDS-A CB 68.67 3,121 214,000 102.00 0.17 STO B 26.11 1,050 27,400 44.00 0.23 CVX B 103.49 1,987 206,000 170.00 0.08 BP 43.26 3,203 139,000 84.00 0.24 TOT CB 49.84 2,264 113,000 100.00 0.17 CEO 200.60 162 32,400 250.00 0.01 PTR B 139.84 256 35,800 210.00 0.19 PBR CB 24.91 6,473 161,200 62.00 0.15 OGZPY B 12.06 5,750 69,300 28.00 0.02 LUKOY B 60.33 809 48,800 150.00 0.02 LUKOY B 107.44 270 29,000 120.00				

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			
	-		-	Dividend				
			Price	Adjustd				D
			(US\$/sh)	Resrvs/	PV/	EV/		Dividena
	ymbol/Rai		9-Apr	Prod	Ebitda	Ebitda	P/E	NTM
B = Buy, C	B (see bel	ow)	2012	NTM	NTM	NTM	NTM	(%)
U.S. and Europe Integrated								
BG Group plc	BRGXF		22.40	17.0	9.0	8.2	14	1.1
Exxon Mobil Corporation	XOM	В	83.88	12.8	7.2	5.7	9	2.2
Royal Dutch Shell plc	RDS-A	CB	68.67	10.2	6.6	4.8	8	5.0
BP plc	BP		43.26	10.9	7.1	4.5	6	3.9
Statoil ASA (33%)	STO	В	26.11	6.5	6.0	4.1	7	4.2
Chevron Corporation	CVX	В	103.49	9.1	6.4	4.1	7	3.1
Total S.A.	TOT	CB	49.84	10.2	6.8	3.9	6	6.1
Median				10.2	6.8	4.5	7	3.9
Brazil/Russia/Australia/China								
Woodside Petroleum Ltd.	WOPEY		35.80	15.2	8.1	6.8	10	3.1
PetroChina Company Ltd (14%)	PTR	В	139.84	13.2	6.5	4.7	8	3.7
Petrobras	PBR	CB	24.91	13.2	9.3	4.6	6	4.1
CNOOC Limited (36%)	CEO		200.60	6.9	4.8	3.9	6	3.2
Gazprom (50%)	OGZPY	В	12.06	30.2	5.7	2.8	4	4.8
Lukoil Oil Company	LUKOY	В	60.33	16.6	5.4	2.2	4	3.3
Median		-		14.2	6.1	4.2	6	3.5
U.S. Independent								
Southwestern Energy Company	SWN		29.03	8.0	15.4	11.6	18	-
Chesapeake Energy Corp.	CHK		21.47	10.0	9.0	8.1	9	1.6
Anadarko Petroleum Corp.	APC		75.83	8.7	7.1	6.5	21	0.5
EOG Resources, Inc.	EOG	В	107.44	9.4	6.2	5.7	17	0.6
Devon Energy Corporation	DVN	В	70.29	10.1	7.4	5.4	10	1.1
ConocoPhillips	COP	В	75.05	12.3	6.9	5.1	8	3.5
Occidental Petroleum Corp.	OXY	CB	91.38	10.2	6.2	4.8	9	2.4
Marathon Oil Corporation	MRO	B	30.14	10.7	6.2	4.0	7	2.3
Median		-		10.0	7.0	5.5	9	1.4
Canada								
EnCana Corporation	ECA	CB	18.57	8.7	15.3	9.6	59	4.3
Cenovus Energy Inc.	CVE	CB	34.01	13.6	10.7	8.1	22	2.6
Imperial Oil Limited (30%)	IMO	B	43.79	40.2	9.9	7.3	9	1.1
Penn West Exploration	PWE	-	17.68	7.2	9.2	6.8	12	6.2
Canadian Oil Sands Limited	COSWF	CB	20.48	20.9	11.7	5.1	7	5.9
Suncor Energy	SU	CB	30.42	16.2	8.3	4.5	7	1.5
Median				14.9	10.3	7.0	11	3.5
		Ļ		200 :				
CB=Contrarian Buy, Stock Price may be EV = Enterprise Value = Market Cap and						aciation		
and amortization; NTM = Next Twelve M Earnings; PV = Present Value of oil and g				(13, F/E = 3)	nock Price t	0		



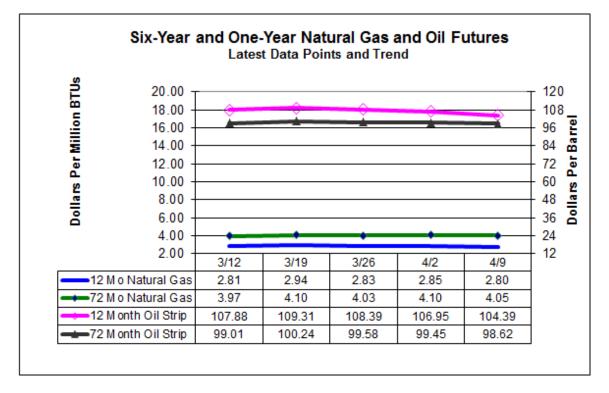
			Table 4					
	McD	ep La	rge Cap	Energy S	tocks			
Ran	k by En	fernr	ise Value	to 200 D)av Avei	age		
Kum		iter pr	be value		uy muu	uge		
			Price					
			(\$/sh)		Enterprise	Value/		
	Symbol		9-Apr	52Wk	52Wk	50 Day	200 Day	McDep
	-	Rating	2012	High	Low	Avg.	Avg.	Ratio
U.S. and Europe Integrated				0		0	0	
Exxon Mobil Corporation	XOM	В	83.88	0.96	1.20	0.98	1.04	0.79
Statoil ASA (33%)	STO	В	26.11	0.92	1.18	0.97	1.03	0.69
BG Group plc	BRGXF		22.40	0.88	1.22	0.96	1.02	0.91
BP plc	BP		43.26	0.93	1.16	0.96	1.01	0.63
Chevron Corporation	CVX	В	103.49	0.93	1.17	0.97	1.00	0.64
Royal Dutch Shell plc	RDS-A	CB	68.67	0.91	1.14	0.97	0.99	0.73
Total S.A.	TOT	CB	49.84	0.82	1.17	0.94	0.98	0.58
Median			.,	0.92	1.17	0.97	1.01	0.69
Brazil/Russia/Australia/China								
Lukoil Oil Company	LUKOY	В	60.33	0.84	1.29	0.97	1.03	0.41
PetroChina Company Ltd (14%)	PTR	B	139.84	0.91	1.18	0.96	1.03	0.73
CNOOC Limited (36%)	CEO		200.60	0.76	1.42	0.93	1.01	0.80
Gazprom (50%)	OGZPY	В	12.06	0.74	1.30	0.95	1.00	0.48
Woodside Petroleum Ltd.	WOPEY		35.80	0.73	1.17	0.96	0.98	0.83
Petrobras	PBR	CB	24.91	0.70	1.13	0.90	0.92	0.49
Median	1.511	0.5	2.091	0.75	1.23	0.96	1.01	0.61
U.S. Independent								
EOG Resources, Inc.	EOG	В	107.44	0.91	1.47	0.96	1.07	0.91
Marathon Oil Corporation	MRO	B	30.14	0.89	1.47	0.96	1.07	0.64
ConocoPhillips	COP	B	75.05	0.94	1.18	1.00	1.04	0.74
Devon Energy Corporation	DVN	B	70.29	0.81	1.29	1.00	1.03	0.74
Anadarko Petroleum Corp.	APC		75.83	0.90	1.20	0.94	0.99	0.92
Occidental Petroleum Corp.	OXY	CB	91.38	0.79	1.33	0.92	0.98	0.78
Chesapeake Energy Corp.	СНК	0.5	21.47	0.76	1.02	0.95	0.90	0.89
Southwestern Energy Company	SWN		29.03	0.62	1.02	0.90	0.81	0.75
Median	5		29.00	0.85	1.24	0.96	1.01	0.77
Canada								
Imperial Oil Limited (30%)	IMO	В	43.79	0.82	1.29	0.95	1.01	0.74
Penn West Exploration	PWE		17.68	0.78	1.33	0.96	1.01	0.74
Cenovus Energy Inc.	CVE	CB	34.01	0.87	1.19	0.93	0.98	0.76
Suncor Energy	SU	CB	30.42	0.71	1.25	0.91	0.95	0.54
Canadian Oil Sands Limited	COSWF	CB	20.39	0.62	1.16	0.91	0.90	0.44
EnCana Corporation	ECA	CB	18.57	0.65	1.05	0.96	0.90	0.63
Median			10.07	0.74	1.22	0.94	0.96	0.68

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



27-Mar	<u>Symbol</u> SJT, HGT, NDRO, J PTR BIREF,XEC,PETD, IMO,COSWF	<u>Subject</u> MTR PetroChina	<u>Theme</u>
<u>Date</u> 6-Apr 3-Apr 30-Mar 27-Mar 23-Mar 20-Mar	<u>Symbol</u> SJT, HGT, NDRO, J PTR BIREF,XEC,PETD, IMO,COSWF	MTR	
6-Apr 3-Apr 30-Mar 27-Mar 23-Mar 20-Mar	SJT, HGT, NDRO, J PTR BIREF,XEC,PETD, IMO,COSWF	MTR	
3-Apr 30-Mar 27-Mar 23-Mar 20-Mar	PTR BIREF,XEC,PETD, IMO,COSWF		
30-Mar 27-Mar 23-Mar 20-Mar	BIREF,XEC,PETD, IMO,COSWF	PetroChina	Enduring Energy in Bottom Line Royalty Trusts (ISCW)
27-Mar 23-Mar 20-Mar	IMO,COSWF		Global Growth in Oil and Gas (Meter Reader)
23-Mar 20-Mar			Independents Delivering Growth (ISCW)
20-Mar		Imperial, Canadian Oil Sands Ltd.	Optimism on Kearl and Syncrude (Meter Reader)
	CRT,HGT,MTR,PE	YUF,SJT	Gut Check on Natural Gas (ISCW)
13-Mar	CVX	Chevron	Investing in Australian LNG for Growth (Meter Reader)
		Exxon Mobil	Renewable Energy Cash Flow (Meter Reader)
9-Mar	BRY, DNR, WLL, I		Vote for Oil (Income and Small Cap Weekly)
6-Mar	IMO	Imperial Oil	Kearl Startup Late This Year (Meter Reader)
2-Mar	DMLP	Dorchester Minerals, L.P.	Fourth Quarter Production Up 42% (Income and Small Cap Wk
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		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		Marathon Oil	Oil Resources and Shale Growth (Meter Reader)
6-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)
	LUKOY, OGZPY	Lukoil, Gazprom	Oil and Gas Undervalued in Russian Stocks (Meter Reader)
23-Nov		Whiting Petroleum	North Dakota Shale Oil (Income and Small Cap Weekly)
	CVE, IMO, SU, CO		Buy Canadian Oil on U.S. Presidential Disappointment (MR)
	DVN, EOG, OXY, I		
1-Nov	RDS	Royal Dutch Shell plc	U.S. Independent Shale Buys (Meter Reader) Raise NPV to \$102 from \$96 on Reappearing Luster (MR)
		Encana, Petrobras	··· ·
	ECA, PBR		Most Out-of-Favor Buys (Meter Reader)
	APC, BP	Anadarko Petroleum, BP plc Statoil	Settle Oil Spill Dispute (Meter Reader)
3-Oct	STO For historical rese		Giant North Sea Oil Discovery (Meter Reader) ick on <u>Stock Ideas</u> , click on stock by name.
Meter	Reader		
3-Apr	PTR	PetroChina	Global Growth in Oil and Gas
	IMO,COSWF	Imperial, Canadian Oil Sands Ltd.	Optimism on Kearl and Syncrude
27-Mar 20-Mar		Chevron	Investing in Australian LNG for Growth
		ExxonMobil	•
13-Mar		ns, go to mcdep.com, click on Meter	Renewable Energy Cash Flow
Incom	e and Small Cap	Weekly	
6-Apr	SJT, HGT, NDRO, I	MTR	Enduring Energy in Bottom Line Royalty Trusts
30-Mar	BIREF, XEC, PETD,	RRC,WLL	Independents Delivering Growth
	CRT,HGT,MTR,PE		Gut Check on Natural Gas
16-Mar	, ,		Bullish for U.S. Economic Growth
	For earlier edition	ns, go to mcdep.com, click on Energ	





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 are expected to deliver a total return less than inflation.