Devon Energy Thermal Oil Growth in Canada

Symbol	DVN	Ebitda Next Twelve Months ending 6/30/12 (US\$mm)	5,800
Rating	Buy	North American Natural Gas/Ebitda (%)	46
Price (\$/sh)	79.80	Natural Gas and Oil Production/Ebitda (%)	100
Pricing Date	7/5/11	Adjusted Reserves/Production NTM	10.3
Shares (mm)	430	EV/Ebitda	6.6
Market Capitalization (\$mm)	34,300	PV/Ebitda	9.0
Debt (\$mm)	4,000	Undeveloped Reserves (%)	29
Enterprise Value (EV) (\$mm)	38,300	Natural Gas and Oil Ebitda (\$/boe)	24.40
Present Value (PV) (\$mm)	52,200	Present Value Proven Reserves(\$/boe)	18.20
Net Present Value (\$/share)	112	Present Value Proven Reserves(\$/mcfe)	3.00
Debt/Present Value	0.08	Earnings Next Twelve Months (US\$/sh)	6.30
McDep Ratio - EV/PV	0.73	Price/Earnings Next Twelve Months	13
Dividend Yield (%/year)	0.9	Indicated Annual Dividend (US\$/sh)	0.68
Note: Estimated cash flow	and earnings tied to or	ne-year futures prices for natural gas and oil.	
Reported results may	vary widely from esti	imates. Estimated present value per share revised only infreq	quently.
Estimated present val	ue presumes a long-te	erm price for oil of US\$100 a barrel and natural gas, \$8 a mil	lion btu.
For historical researc	h on Devon since 200	04 see http://www.mcdep.com/3dvn.htm	

Summary and Recommendation

Buy-recommended **Devon Energy (DVN)** offers low-debt, low McDep Ratio participation in rich resources including deep oil sands in Canada, which may provide a third of corporate volume growth to 2020. Deep oil sands may be about 20% of estimated Net Present Value (NPV) of \$112 a share concentrated 54% in natural gas and 46% in oil (see tables <u>Functional Cash Flow and Present Value</u> on page 6 and <u>Next Twelve Months Operating and Financial Estimates</u> on page 7). Canadian oil would become increasingly important in value as growth unfolds. The outlook also depends on oil price which continues to strengthen despite the politically-motivated attempt by consuming governments to flood the market with oil from strategic storage last month. The latest settlement of six-year futures at \$101 a barrel tracks above the 40-week average of \$97 (see chart <u>Six-Year and One-Year Natural Gas and Oil Futures</u> on page 12). Among our buy recommendations for making money in energy growth trends, DVN compares favorably with its U.S. Independent peers (see <u>Tables 1-3</u> on pages 8-10). Finally, we summarize more details of Devon's oil sands outlook as we learned on a field tour in Alberta with Head of Operations Cal Watson, Devon Canada President Chris Seasons and Devon Chief Executive John Richels.

Largest Oil Growth Opportunity

Canadians say with some justification that their oil sands are half of the free-market oil in the world. Non-free market oil, some 78% of global oil resources, is not available for private investment or requires partnership with a government company. Not surprising then, oil sands production may grow from about 1.5 million barrels daily (mmbd) in 2010 to perhaps 3.5 mmbd in 2020. Current production is split about 50/50 between shallow, mineable oil sands and deep



oil sands, also known as thermal oil sands because heat must be injected underground to thin the viscous fluid enough for it to flow. Because more of the resources are deep, thermal oil sands may provide two-thirds of Canadian oil sands industry growth to 2020.

Devon Experienced in Thermal Oil Technology

Gaining all of its Canadian exposure by acquiring Canadian companies, Devon has carefully cultivated Canadian talent. It acquired the underground test facility funded by the Alberta government for developing the Steam-Assisted Gravity Drainage (SAGD) technology that is the industry standard for most of the new thermal projects (see slide <u>SAGD</u> on page 3). Since initiating commercial production in 2008 at its Jackfish 1 project, Devon apparently has recorded some of the lowest operating costs and highest well volumes, comparable to those of SAGD pioneer **Cenovus Energy** (CVE). Jackfish 2 began producing in 2011. Next to the 100% DVN Jackfish lease lies the DVN operated Pike lease owned 50/50 with **BP plc** (**BP**) (see slide Devon's SAGD on page 3).

Resources Identified for Future Production

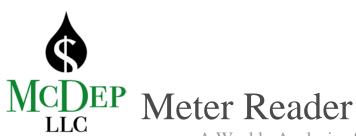
Proven reserves of 440 million barrels (mmb) have been booked for oil sands, about 40% of total DVN oil reserves. Another 960 mmb would be booked as further phases of Jackfish and new phases at Pike are authorized, constructed and placed in production (see slide <u>Thermal Resource Potential</u> on page 4). From 25 thousand barrels daily (mbd) in 2010 to 150-175 mbd in 2020, thermal oil production would add up to 150 mbd to total Devon corporate production during the decade (see slide <u>Growth Outlook</u> on page 4).

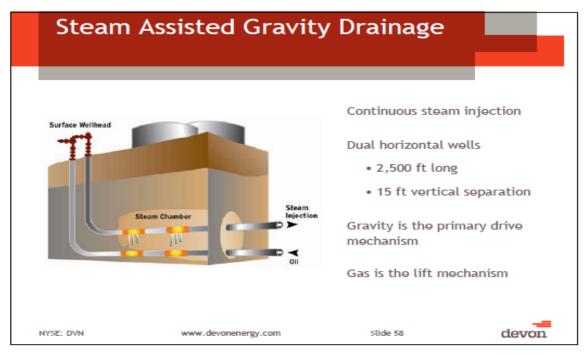
Favorable Economics

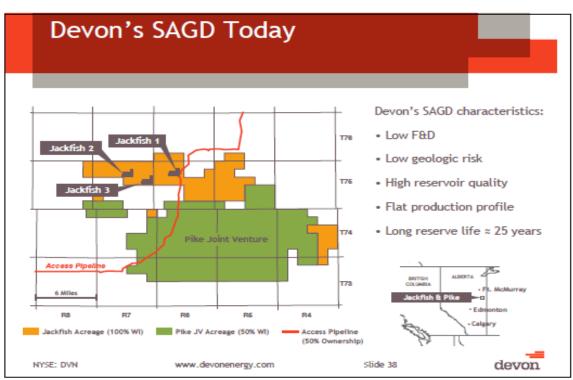
Though heavy oil or bitumen flows when heated, it is not practical to add heat to pipelines for long distance transportation. Instead, producers add "diluent" or lighter oil to mix with the heavy oil resulting in a blend that will flow in unheated pipelines. Since some price quotes are for the blended barrel, it is important to keep the relationships straight to determine a realized price for bitumen. That price may be just \$57 a barrel if the price for the quality of oil widely traded on the futures market is \$100 a barrel (see slide <u>Bitumen Realizations</u> on page 5).

Cash margin may be 73% of bitumen price before investment is recovered and 55% after (see slide <u>Cash Margin</u> on page 5). Under the outlined conditions, the profitability of the investment in Jackfish 2 would range from 12% to 28% a year (see slide <u>Rate of Return</u> on page 6). We expect profitable conditions to prevail most of the time and temporarily unprofitable conditions to occur occasionally. On balance, investment in Canada thermal oil sands ought to enhance Devon's growth and profit prospects.

Kurt H. Wulff, CFA

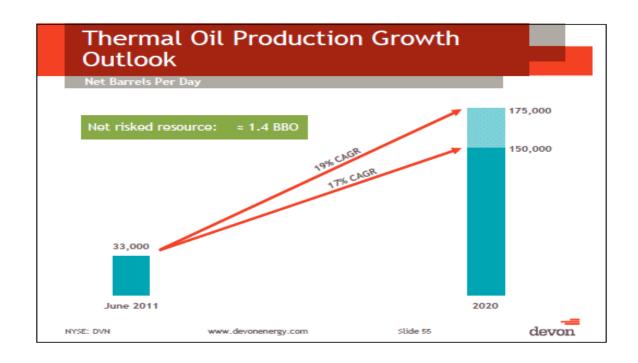








ммво			
	Proved Reserves	Unbooked Risked Resource	Total Risked Resources
Jackfish	543	457	1,000
Pike	-	729	729
Total gross resource	543	1,186	1,729
Less: Royalties (1)	(103)	(226)	(329)
Total net resource	440	960	1,400





	WTI-NYMEX market price	\$100.00
550	Price differential	30%
	Blended barrel realization	\$70.00
Condensate - 30%	Less: Diluent value 30% of blended barrel x condensate price	(\$30.00)
Bitumen - 70%	Bitumen realization 0.7 barrels of bitumen production	\$40.00
	Divided by:	0.7 barrels
	Bitumen realization 1 barrel of bitumen production	\$57.14

	D. D.	D. A. D
Bitumen realization	Pre-Payout \$57.14	Post-Payout \$57.14
Non-fuel operating costs	(\$7.00)	(\$7.00)
Fuel operating costs	(\$4.50)	(\$4.50)
Royalties	(\$3.74)	(\$14.07)
Cash operating margin	\$41.90	\$31.57
Assumptions: 1) WTI-NYMEX oil price is \$100 per bar 2) Blended price realizations are 70% of 3) Condensation price is equivalent to 4) One Mcf of gas utilized for every ba	of WTI-NYMEX oil price WTI-NYMEX price	



Rate of Return Matrix Jackfish 2

		WTI-NYM	EX Price	
Natural Gas Price	\$60.00	\$80.00	\$100.00	\$120.00
\$4.00	15%	21%	25%	28%
\$6.00	13%	20%	24%	28%
\$8.00	12%	19%	24%	27%

- 1) Blended price realizations are 70% of WTI-NYMEX oil price
- 2) Condensation price is equivalent to WTI-NYMEX price
- 3) Non-fuel operating costs are \$7.00 per barrel
- 4) One Mcf of gas utilized for every barrel of bitumen produced

devon NYSE: DVN www.devonenergy.com Slide 98

Devon Energy							
Functi	onal Cash Flow and	l Present V	alue				
				Present			
	NTM Ebitda	Adjusted	PV/	Value			
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	<u>(US\$mm)</u>			
North American Natural Gas	2,670	9.8	10.6	28,200	54%		
Oil	3,140	11.4	7.6	24,000	46%		
	5,810	10.3	9.0	52,200	100%		
Debt (US\$mm)					4,000		
Net Present Value (US\$mm)					48,200		
Shares (mm)					430		
Net Present Value - Standard Estimate	(US\$/sh)				112		
NPV Approximation by Cash Flow Mul	tiple Depending on R	eserve Life	(US\$/sh)		110		



	Devon Energy								
	Next T	welve Mo	nths Oper	rating and	Financia	l Results			
									Next
									Twelve
	Q2	Year	Q1	Q2E	Q3E	Q4E	Year	Q2E	Months
	6/30/10	2010	3/31/11	6/30/11	9/30/11	12/31/11	2011E	6/30/12	6/30/12
Volume									
Natural Gas (mmcfd)									
U.S.	1,906	1,941	1,964	1,900	1,980	2,020	1,966	2,101	2,040
Canada	630	587	569	569	569	569	569	569	569
Total	2,536	2,528	2,533	2,469	2,549	2,589	2,535	2,670	2,609
Oil (mbd)	197	197	207	200	209	213	207	222	215
Total gas & oil (bcf)	338	1,353	340	334	350	356	1,379	364	1,428
Total gas & oil (mmb)	56	226	57	56	58	59	230	61	238
Price									
Natural gas (\$/mcf)									
Henry Hub (\$/mmbtu)	4.09	4.40	4.11	4.32	4.38	4.57	4.34	4.71	4.62
U.S.	3.65	3.80	3.50	3.73	3.78	3.95	3.74	4.06	3.99
Canada	3.99	4.11	4.03	4.23	4.29	4.48	4.26	4.62	4.53
Total	3.73	3.87	3.62	3.85	3.89	4.07	3.86	4.18	4.11
Oil (\$/bbl)									
WTI Cushing	77.85	79.43	94.10	102.55	96.87	98.22	97.94	100.83	98.90
Worldwide	51.37	51.40	55.71	60.71	57.35	58.15	57.96	59.69	58.57
Total gas & oil (\$/mcf)	5.27	5.37	5.48	5.90	5.76	5.93	5.77	6.10	5.98
Revenue (\$mm)									
Natural Gas									
U.S.	632	2,692	619	645	689	734	2,686	776	2,981
Canada	229	880	206	219	225	235	885	239	943
Total	861	3,572	825	864	913	969	3,571	1,015	3,924
Oil	922	3,690	1,038	1,105	1,103	1,140	4,386	1,205	4,616
Total	1,783	7,262	1,863	1,969	2,016	2,109	7,957	2,220	8,540
Expense	614	2,272	540	630	645	675	2,490	710	2,733
Ebitda (\$mm)	1,169	4,990	1,323	1,339	1,371	1,434	5,467	1,510	5,807
Deprec., Deplet., & Amort.	513	2,022	529	529	529	529	2,116	529	2,116
Hedging and other	(505)	(1,647)	(174)	(200)	(200)	(200)	(774)	(200)	(800
Ebit	1,161	4,615	967	1,010	1,042	1,105	4,125	1,181	4,491
Interest	111	363	81	81	81	81	324	81	324
Ebt	1,050	4,252	886	929	961	1,024	3,801	1,100	4,167
Income Tax	367	1,488	310	325	336	358	1,330	385	1,458
Net Income (\$mm)	682	2,764	576	604	625	666	2,470	715	2,709
Shares (millions)	446	441	430	430	430	430	430	430	430
Per Share (\$)	1.53	6.26	1.34	1.40	1.45	1.55	5.75	1.66	6.30
Ebitda Margin	66%	69%	71%	68%	68%	68%	69%	68%	68%
Tax Rate	35%	35%	35%	35%	35%	35%	35%	35%	35%



				Table						
	Mo	De	ep Larg	ge Cap	Energy P	ortfolio)			
	Geogra	ph	ic Dom	icile an	d Busines	s Segm	ents			
						Dwagas	ıt Value by	Cagman	+ (0/)	
			Price			North	n vane by Rest	segmen	1 (70)	
			(US\$/sh)	EV/	Enterprise	Amer.				
C ₂	mbol/Rati		5-Jul	Market	Value	Natural	Natural	Oil	Down-	McDe
B = Buy, C		- 0	2011	Сар	(\$mm)	Gas	Gas	Prod'n	stream	Ratio
U.S. Integrated	D (SCC DCI	JW)	2011	Сир	(\$mm)	Ous	Gus	Troun	streum	Kan
Exxon Mobil Corporation	XOM	R	81.60	1.16	472,000	9	19	56	16	0.76
Chevron Corporation	CVX		105.12	1.13	239,000	3	10	77	10	0.70
ConocoPhillips	COP		75.85	1.13	151,000	14	10	63	13	0.71
Total or Median	COF	ь	13.63	1.57	862,000	14	10	63	13	0.71
Europe Europe					302,000			03		0.71
BG Group	BRGXF		23.44	1.17	93,600		34	44	21	0.95
Royal Dutch Shell plc	RDS-A	P	71.76	1.17	287,000	3	22	54	21	0.93
Statoil ASA (33%)	STO		25.51	1.47	39,400	3	36	64	- 21	0.79
BP plc	BP	ъ	44.21	1.47	228,000	5	9	67	20	0.67
Total S.A.	TOT	D	57.21	1.02	166,000	3	18	68	14	0.58
Total or Median	101	ь	37.21	1.29	814,000		10	64	14	0.56
Brazil/Russia/Australia/China					814,000			04		0.07
Woodside Petroleum Ltd.	WOPEY		42.51	1 10	40.000		63	37		0.97
			43.51	1.18	- ,		9		-	
CNOOC Limited (36%)	CEO	D	238.01	1.05	40,000		13	91 69		0.95
PetroChina Company Ltd (14%) Petrobras	PTR PBR		147.07 33.75	1.25 1.27	46,900		2	83	18 15	0.74
	OGZPY				279,000		80			
Gazprom (50%)	LUKOY		14.60	1.24	104,000		80	20	33	0.57
Lukoil Oil Company	LUKUI	В	64.69	1.10	56,100			67	33	0.46
Total or Median					566,000			69		0.67
U.S. Independent	CANTAL		44.01	1.10	16000	100				1.04
Southwestern Energy Company	SWN		44.01	1.10	16,900	100		60	-	1.04
Anadarko Petroleum Corp.	APC		79.31	1.53	60,600	37		60	3	1.01
Chesapeake Energy Corp.	CHK	ъ	30.29	1.60	37,600	82	1	18	-	0.95
Occidental Petroleum Corp.	OXY		106.75	1.09	94,700	8	1	85	6	0.88
EOG Resources, Inc.	EOG		103.24	1.20	30,900	45	5	50	-	0.82
Devon Energy Corporation	DVN		79.80	1.12	38,300	54	4	46	-	0.73
Marathon Oil Corporation	MRO	В	34.07	1.20	29,300	9	4	88	-	0.67
Total or Median					308,000			50		0.88
Canada	OV TO	ъ	27.64	1.05	26.400	10		70		0.01
Cenovus Energy Inc.	CVE	В	37.94	1.27	36,400	19		72	9	0.81
Penn West Exploration	PWE	ъ	23.36	1.42	14,600	17		83	-	0.81
Imperial Oil Limited (30%)	IMO	В	47.47	1.13	13,800	3		86	11	0.79
Canadian Natural Resources Lin		ъ	43.03	1.28	61,000	16		84	-	0.70
EnCana Corporation	ECA		31.02	1.47	33,600	91		9	- 12	0.69
Suncor Energy	SU		40.35	1.22	78,000	3		84	13	0.68
Canadian Oil Sands Limited	COSWF	В	29.83	1.12	16,100			100	-	0.60
Total or Median					254,000			84		0.70
Composite					2,804,000	9	15	63	13	0.70



•	Price (US\$/sh) 5-Jul 2011 81.60 105.12 75.85 23.44 71.76 25.51 44.21 57.21		Market Cap (US\$mm) 406,000 211,000 110,000 727,000 79,900 222,000 26,800	Net Present Value (US\$/sh) 112.00 154.00 119.00 25.00 96.00	Debt/ Present Value 0.11 0.08 0.19 0.11	McDep Ratio 0.76 0.71 0.71
ing ow) B B B B	Price (US\$/sh) 5-Jul 2011 81.60 105.12 75.85 23.44 71.76 25.51 44.21	Shares (mm) 4,971 2,009 1,445 3,410 3,087 1,050	Market Cap (US\$mm) 406,000 211,000 110,000 727,000 79,900 222,000	Present Value (US\$/sh) 112.00 154.00 119.00	0.11 0.08 0.19 0.11	0.76 0.71 0.71
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B B B	81.60 105.12 75.85 23.44 71.76 25.51 44.21	(mm) 4,971 2,009 1,445 3,410 3,087 1,050	(US\$mm) 406,000 211,000 110,000 727,000 79,900 222,000	(US\$/sh) 112.00 154.00 119.00	0.11 0.08 0.19 0.11	0.76 0.71 0.71
B B B	81.60 105.12 75.85 23.44 71.76 25.51 44.21	4,971 2,009 1,445 3,410 3,087 1,050	406,000 211,000 110,000 727,000 79,900 222,000	112.00 154.00 119.00	0.11 0.08 0.19 0.11	0.76 0.71 0.71
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B B B	75.85 23.44 71.76 25.51 44.21	3,410 3,087 1,050	110,000 727,000 79,900 222,000	119.00 25.00	0.19 0.11	0.71
B B	23.44 71.76 25.51 44.21	3,410 3,087 1,050	727,000 79,900 222,000	25.00	0.11	
В	71.76 25.51 44.21	3,087 1,050	79,900 222,000			0171
В	71.76 25.51 44.21	3,087 1,050	222,000		0.14	
В	71.76 25.51 44.21	3,087 1,050	222,000		U.14	0.95
В	25.51 44.21	1,050			0.18	0.79
	44.21		4U.0UU	44.00	0.21	0.67
В			140,000	93.00	0.23	0.60
	37.21	2,251	129,000	111.00	0.13	0.58
		2,201	598,000	111.00	0.18	0.67
			370,000		0.10	0.07
	43.51	774	33,700	45.00	0.15	0.97
	238.01	161	38,300	250.00	0.04	0.95
В	147.07	256	37,700	210.00	0.15	0.74
CB	33.75	6,539	220,700	62.00	0.13	0.60
В	14.60	5,750	84,000	28.00	0.13	0.57
В	64.69	786	50,900	150.00	0.04	0.46
	04.07	700	465,000	130.00	0.12	0.67
			705,000		0.12	0.07
	44.01	350	15,400	42.00	0.09	1.04
	79.31	499	39,600	78.00	0.35	1.01
	30.29	774	23,400	33.00	0.36	0.95
В	106.75	813	86,800	123.00	0.07	0.98
						0.82
						0.02
						0.73
ט	34.07	713		34.00		0.88
			247,700		0.11	0.00
R	37.94	753	28 600	49.00	0.18	0.81
ע						0.81
R						0.8
ט						0.70
R						0.70
			-			0.68
						0.60
D	29.83	483		32.00		
nd -	omnorad t-	200 days			0.13	0.70
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	B B B B B contact of the second of the secon	B 103.24 B 79.80 B 34.07 B 37.94 23.36 B 47.47 43.03 B 31.02 B 40.35 B 29.83 end compared to value of oil and	B 103.24 250 B 79.80 430 B 34.07 715 B 37.94 753 23.36 440 B 47.47 256 43.03 1,106 B 31.02 738 B 40.35 1,581 B 29.83 485 end compared to 200-day avalue of oil and gas and other	B 103.24 250 25,800 B 79.80 430 34,300 B 34.07 715 24,360 C 249,700 B 37.94 753 28,600 C 23.36 440 10,300 B 47.47 256 12,200 C 43.03 1,106 47,600 B 31.02 738 22,900 B 40.35 1,581 63,800 B 29.83 485 14,500 C 200,000 C and compared to 200-day average. Value of oil and gas and other businesses	B 103.24 250 25,800 130.00 B 79.80 430 34,300 112.00 B 34.07 715 24,360 54.00 B 37.94 753 28,600 49.00 23.36 440 10,300 31.00 B 47.47 256 12,200 62.00 43.03 1,106 47,600 67.00 B 31.02 738 22,900 51.00 B 40.35 1,581 63,800 64.00 B 29.83 485 14,500 52.00 end compared to 200-day average. value of oil and gas and other businesses	B 103.24 250 25,800 130.00 0.14 B 79.80 430 34,300 112.00 0.08 B 34.07 715 24,360 54.00 0.11



Price Adjustd Price Adjustd Price Adjustd Price Adjustd Price Adjustd Price Pr	Divd o Distri NTM (%
Price Adjustd Price Bridge Bridg	Distri NTN
Price Adjustd Price Adjustd Ebitda P/E	Distri NTN
Cuss/sh Resrvs PV EV Symbol/Rating S-Jul Prod Ebitda Ebitda P/E	Distri NTN
Symbol/Rating S-Jul Prod Ebitda Ebitda P/E	NTA
B = Buy, CB (see below) 2011 NTM NTM NTM NTM	
ConcoPhillips	(%
ConocoPhillips COP B 75.85 11.9 7.7 5.5 10 Exxon Mobil Corporation XOM B 81.60 13.8 7.2 5.4 9 Chevron Corporation CVX B 105.12 8.4 6.1 4.3 8 Total or Median J1.9 7.2 5.4 9 Europe BG 11.9 7.2 5.4 9 Europe BG Group plc BRGXF 23.44 20.3 9.0 8.5 16 Royal Dutch Shell plc BPA 44.21 10.5 7.0 4.1 5 BP plc BP 44.21 10.5 7.0 4.1 5 Total S.A. TOT B 57.21 9.6 6.8 3.9 6 Statoil ASA (33%) STO B 25.51 6.6 5.7 3.8 8 Total or Median 9.6 6.8 4.1 8	
ConocoPhillips COP B 75.85 11.9 7.7 5.5 10 Exxon Mobil Corporation XOM B 81.60 13.8 7.2 5.4 9 Chevron Corporation CVX B 105.12 8.4 6.1 4.3 8 Total or Median J1.9 7.2 5.4 9 Europe BG 11.9 7.2 5.4 9 Europe BG Group plc BRGXF 23.44 20.3 9.0 8.5 16 Royal Dutch Shell plc BPA 44.21 10.5 7.0 4.1 5 Royal Dutch Shell plc BP 44.21 10.5 7.0 4.1 5 Total S.A. TOT B 57.21 9.6 6.8 3.9 6 Statoil ASA (33%) STO B 25.51 6.6 5.7 3.8 8 Total or Median WOPEY 43.51 22.5	
Exxon Mobil Corporation XOM B 81.60 13.8 7.2 5.4 9 Chevron Corporation CVX B 105.12 8.4 6.1 4.3 8 Total or Median II.9 7.2 5.4 9 Europe BG Group plc BRGXF 23.44 20.3 9.0 8.5 16 Royal Dutch Shell plc BPA 44.21 10.5 7.0 4.1 5 BP plc BP 44.21 10.5 7.0 4.1 5 Total S.A. TOT B 57.21 9.6 6.8 3.9 6 Statoil ASA (33%) STO B 25.51 6.6 5.7 3.8 8 Brazil/Russia/Australia/China WOPEY 43.51 22.5 12.9 12.6 22 Petrobras PBR CB 33.75 13.3 10.7 6.4 10 PetroChina Company Ltd (14%) PTR B 147.07	2.
Chevron Corporation	3.5
Total or Median 11.9 7.2 5.4 9	2.2
BRG Group plc BRGXF 23.44 20.3 9.0 8.5 16	2.7
BG Group plc BRGXF 23.44 20.3 9.0 8.5 16 Royal Dutch Shell plc RDS-A B 71.76 8.9 6.5 5.2 9 BP plc BP 44.21 10.5 7.0 4.1 5 Total S.A. TOT B 57.21 9.6 6.8 3.9 6 Statoil ASA (33%) STO B 25.51 6.6 5.7 3.8 8 Total or Median 9.6 6.8 4.1 8 Brazil/Russia/Australia/China Woodside Petroleum Ltd. WOPEY 43.51 22.5 12.9 12.6 22 Petrobras PBR CB 33.75 13.3 10.7 6.4 10 PetroChina Company Ltd (14%) PTR B 147.07 13.4 7.2 5.4 10 CNOOC Limited (36%) CEO 238.01 6.5 5.2 5.0 9 Gazprom (50%) OGZPY B <td< td=""><td>2.3</td></td<>	2.3
Royal Dutch Shell plc RDS-A B 71.76 8.9 6.5 5.2 9 BP plc BP 44.21 10.5 7.0 4.1 5 Total S.A. TOT B 57.21 9.6 6.8 3.9 6 Statoil ASA (33%) STO B 25.51 6.6 5.7 3.8 8 Total or Median 9.6 6.8 4.1 8 Brazil/Russia/Australia/China Woodside Petroleum Ltd. WOPEY 43.51 22.5 12.9 12.6 22 Petrobras PBR CB 33.75 13.3 10.7 6.4 10 PetroChina Company Ltd (14%) PTR B 147.07 13.4 7.2 5.4 10 CNOOC Limited (36%) CEO 238.01 6.5 5.2 5.0 9 Gazprom (50%) OGZPY B 14.60 30.2 6.9 4.0 7 Lukoil Oil Company LUKOY	
BP plc BP d44.21 10.5 7.0 4.1 5 Total S.A. TOT B 57.21 9.6 6.8 3.9 6 Statoil ASA (33%) STO B 25.51 6.6 5.7 3.8 8 Total or Median 9.6 6.8 4.1 8 Brazil/Russia/Australia/China Woodside Petroleum Ltd. WOPEY 43.51 22.5 12.9 12.6 22 Petrobras PBR CB 33.75 13.3 10.7 6.4 10 PetroChina Company Ltd (14%) PTR B 147.07 13.4 7.2 5.4 10 CNOOC Limited (36%) CEO 238.01 6.5 5.2 5.0 9 Gazprom (50%) OGZPY B 14.60 30.2 6.9 4.0 7 Lukoil Oil Company LUKOY B 64.69 16.1 6.0 2.7 4 Total or Median 14.8 7.1 5.2 9 U.S. Independent Southwestern Energy Company SWN 44.01 7.9 10.8 11.2 24 Chesapeake Energy Corp. CHK 30.29 11.6 10.7 10.1 18 Anadarko Petroleum Corp. APC 79.31 7.0 7.2 7.2	0.9
Total S.A. TOT B 57.21 9.6 6.8 3.9 6	4.
Statoil ASA (33%) STO B 25.51 6.6 5.7 3.8 8 Total or Median 9.6 6.8 4.1 8 Brazil/Russia/Australia/China Woodside Petroleum Ltd. WOPEY 43.51 22.5 12.9 12.6 22 Petrobras PBR CB 33.75 13.3 10.7 6.4 10 PetroChina Company Ltd (14%) PTR B 147.07 13.4 7.2 5.4 10 CNOOC Limited (36%) CEO 238.01 6.5 5.2 5.0 9 Gazprom (50%) OGZPY B 14.60 30.2 6.9 4.0 7 Lukoil Oil Company LUKOY B 64.69 16.1 6.0 2.7 4 Total or Median 14.8 7.1 5.2 9 U.S. Independent SwN 44.01 7.9 10.8 11.2 24 Chesapeake Energy Corp. CHK 30.29 11.6	3.5
Total or Median 9.6 6.8 4.1 8	5.3
Brazil/Russia/Australia/China WOPEY 43.51 22.5 12.9 12.6 22 Petrobras PBR CB 33.75 13.3 10.7 6.4 10 PetroChina Company Ltd (14%) PTR B 147.07 13.4 7.2 5.4 10 CNOOC Limited (36%) CEO 238.01 6.5 5.2 5.0 9 Gazprom (50%) OGZPY B 14.60 30.2 6.9 4.0 7 Lukoil Oil Company LUKOY B 64.69 16.1 6.0 2.7 4 Total or Median Id.4.8 7.1 5.2 9 U.S. Independent Southwestern Energy Company SWN 44.01 7.9 10.8 11.2 24 Chesapeake Energy Corp. CHK 30.29 11.6 10.7 10.1 18 Anadarko Petroleum Corp. APC 79.31 7.0 7.2 7.2	4.0
Woodside Petroleum Ltd. WOPEY 43.51 22.5 12.9 12.6 22 Petrobras PBR CB 33.75 13.3 10.7 6.4 10 PetroChina Company Ltd (14%) PTR B 147.07 13.4 7.2 5.4 10 CNOOC Limited (36%) CEO 238.01 6.5 5.2 5.0 9 Gazprom (50%) OGZPY B 14.60 30.2 6.9 4.0 7 Lukoil Oil Company LUKOY B 64.69 16.1 6.0 2.7 4 Total or Median Interpretation of the company 14.8 7.1 5.2 9 U.S. Independent SWN 44.01 7.9 10.8 11.2 24 Chesapeake Energy Corp. CHK 30.29 11.6 10.7 10.1 18 Anadarko Petroleum Corp. APC 79.31 7.0 7.2 7.2	4.0
Petrobras PBR CB 33.75 13.3 10.7 6.4 10 PetroChina Company Ltd (14%) PTR B 147.07 13.4 7.2 5.4 10 CNOOC Limited (36%) CEO 238.01 6.5 5.2 5.0 9 Gazprom (50%) OGZPY B 14.60 30.2 6.9 4.0 7 Lukoil Oil Company LUKOY B 64.69 16.1 6.0 2.7 4 Total or Median Include the standard of the standard o	
PetroChina Company Ltd (14%) PTR B 147.07 13.4 7.2 5.4 10 CNOOC Limited (36%) CEO 238.01 6.5 5.2 5.0 9 Gazprom (50%) OGZPY B 14.60 30.2 6.9 4.0 7 Lukoil Oil Company LUKOY B 64.69 16.1 6.0 2.7 4 Total or Median Id.4.8 7.1 5.2 9 U.S. Independent Southwestern Energy Company SWN 44.01 7.9 10.8 11.2 24 Chesapeake Energy Corp. CHK 30.29 11.6 10.7 10.1 18 Anadarko Petroleum Corp. APC 79.31 7.0 7.2 7.2	2.4
CNOOC Limited (36%) CEO 238.01 6.5 5.2 5.0 9 Gazprom (50%) OGZPY B 14.60 30.2 6.9 4.0 7 Lukoil Oil Company LUKOY B 64.69 16.1 6.0 2.7 4 Total or Median 14.8 7.1 5.2 9 U.S. Independent Southwestern Energy Company SWN 44.01 7.9 10.8 11.2 24 Chesapeake Energy Corp. CHK 30.29 11.6 10.7 10.1 18 Anadarko Petroleum Corp. APC 79.31 7.0 7.2 7.2	3.5
CNOOC Limited (36%) CEO 238.01 6.5 5.2 5.0 9 Gazprom (50%) OGZPY B 14.60 30.2 6.9 4.0 7 Lukoil Oil Company LUKOY B 64.69 16.1 6.0 2.7 4 Total or Median 14.8 7.1 5.2 9 U.S. Independent Southwestern Energy Company SWN 44.01 7.9 10.8 11.2 24 Chesapeake Energy Corp. CHK 30.29 11.6 10.7 10.1 18 Anadarko Petroleum Corp. APC 79.31 7.0 7.2 7.2	3.0
Gazprom (50%) OGZPY B 14.60 30.2 6.9 4.0 7 Lukoil Oil Company LUKOY B 64.69 16.1 6.0 2.7 4 Total or Median 14.8 7.1 5.2 9 U.S. Independent Southwestern Energy Company SWN 44.01 7.9 10.8 11.2 24 Chesapeake Energy Corp. CHK 30.29 11.6 10.7 10.1 18 Anadarko Petroleum Corp. APC 79.31 7.0 7.2 7.2	2.5
Lukoil Oil Company LUKOY B 64.69 16.1 6.0 2.7 4 Total or Median 14.8 7.1 5.2 9 U.S. Independent Southwestern Energy Company SWN 44.01 7.9 10.8 11.2 24 Chesapeake Energy Corp. CHK 30.29 11.6 10.7 10.1 18 Anadarko Petroleum Corp. APC 79.31 7.0 7.2 7.2	2.3
Total or Median 14.8 7.1 5.2 9 U.S. Independent Southwestern Energy Company SWN 44.01 7.9 10.8 11.2 24 Chesapeake Energy Corp. CHK 30.29 11.6 10.7 10.1 18 Anadarko Petroleum Corp. APC 79.31 7.0 7.2 7.2	2.9
U.S. Independent Southwestern Energy Company SWN 44.01 7.9 10.8 11.2 24 Chesapeake Energy Corp. CHK 30.29 11.6 10.7 10.1 18 Anadarko Petroleum Corp. APC 79.31 7.0 7.2 7.2	2.
Southwestern Energy Company SWN 44.01 7.9 10.8 11.2 24 Chesapeake Energy Corp. CHK 30.29 11.6 10.7 10.1 18 Anadarko Petroleum Corp. APC 79.31 7.0 7.2 7.2	
Chesapeake Energy Corp. CHK 30.29 11.6 10.7 10.1 18 Anadarko Petroleum Corp. APC 79.31 7.0 7.2 7.2	
Anadarko Petroleum Corp. APC 79.31 7.0 7.2 7.2	1.2
	0.5
Occidental Petroleum Corn (1) X Y B 106 /5 113 X I / I 15	1.7
Devon Energy Corporation DVN B 79.80 10.3 9.0 6.6 13	0.9
EOG Resources, Inc. EOG B 103.24 9.0 7.6 6.3 21	0.0
Marathon Oil Corporation MRO B 34.07 10.1 7.5 5.0 16	1.5
Total or Median 10.1 8.1 7.1 17	0.5
Canada	0.
	1.4
Imperial Oil Limited (30%) IMO B 47.47 42.7 12.4 9.8 15 Cenovus Energy Inc. CVE B 37.94 21.0 11.6 9.4 27	1.0
6,7	2.3
EnCana Corporation ECA B 31.02 12.3 12.5 8.7 32	2.0
Penn West Exploration PWE 23.36 8.8 10.5 8.5 18	4.8
Canadian Natural Resources Limited CNQ 43.03 20.4 10.9 7.6 18	0.9
Suncor Energy SU B 40.35 25.6 9.9 6.7 13	1.0
Canadian Oil Sands Limited COSWF B 29.83 26.4 10.6 6.4 10	4.2
Total or Median 21.0 10.9 8.5 18	2.
CB=Contrarian Buy, Stock Price may be in downtrend compared to 200-day average.	
EV = Enterprise Value = Market Cap and Debt; Ebitda = Earnings before interest, tax, depreciation	
and amortization; NTM = Next Twelve Months Ended June 30, 2012; P/E = Stock Price to	
Earnings; PV = Present Value of oil and gas and other businesses	

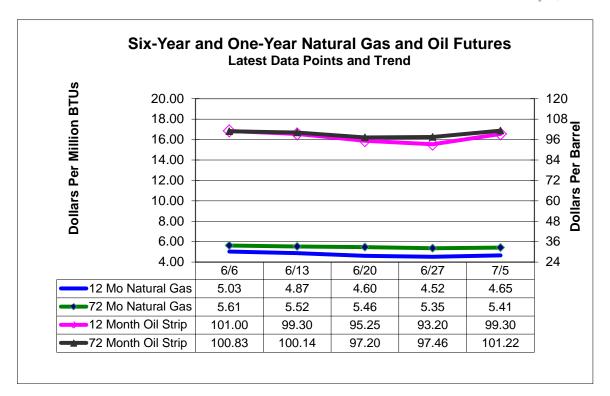


		Index of Rec	ent Research
Stock 1	[deas		
<u>Date</u>	<u>Symbol</u>	<u>Subject</u>	<u>Theme</u>
28-Jun	MRO	Marathon Oil	Buy New U.S. Independent Producer (Meter Reader)
24-Jun	HGT, SJT, MTR	Hugoton, San Juan, Mesa RTrust	Income Enhancers (ISC Weekly)
21-Jun	WOPEY	Woodside Petroleum	Remove Buy on Costs and Delay (Meter Reader)
17-Jun	PEYUF	Peyto Exploration	Update Growth (Income and Small Cap)
14-Jun	CVE	Cenovus Energy	Accelerating Deep Oil Sands (Meter Reader)
10-Jun	WLL	Whiting Petroleum	Bakken Backlog (Income and Small Cap Weekly)
7-Jun	IMO	Imperial Oil	Double Oil Production by 2020 (Meter Reader)
3-Jun	HK	Petrohawk	Raise NPV to \$34 a Share from \$24 on Eagle Ford (ISCW)
31-May	OXY	Occidental Petroleum	Triple California Oil Production by 2020 (Meter Reader)
27-May	XEC	Cimarex Energy	Timely Buy on Stock Price Underperformance (ISCW)
24-May	STO	Statoil	Nordic Oil and Gas Stalwart (Meter Reader)
20-May		Sabine Royalty Trust	Raise NPV to \$70 from \$59 on Rising Volume (ISCW)
17-May		Petrobras	Out-of-Favor Oil Growth (Meter Reader)
13-May		Dorchester Minerals, L.P.	Fayetteville and Bakken Growth (Income and Small Cap Week
10-May		EOG Resources	High-Profit Light Sweet North American Oil (Meter Reader)
3-May	TOT	Total	Profiting Outside U.S. (Meter Reader)
29-Apr	BIREF	Birchcliff Energy	Independent Engineer Confirms Natural Gas Upside (ISCW)
	COSWF	Canadian Oil Sands Limited	Dividend Increased 50%
22-Apr	ERF	Enerplus Corporation	New Buy - Bakken and Marcelllus with 7% Income (ISCW)
21-Apr		Encana	North America's Natural Gas Pure Play
19-Apr		Devon Energy	Rich Resources, Low McDep, Low Debt (Meter Reader)
12-Apr		ConocoPhillips	Bad Government Actions Good for Oil Profits (Meter Reader)
8-Apr	RRC	Range Resources	Raise NPV to \$60 from \$50 a Share (Income and Small Cap)
5-Apr	CVX	Chevron	Raise NPV to \$154 a Share from \$146 (Meter Reader)
29-Mar	XOM	Exxon Mobil	Natural Gas Enhanced by Nuclear (Meter Reader)
22-Mar	PTR	PetroChina	Overlooked Oil in PTR Stock (Meter Reader)
	LUKOY	Lukoil	Lukoil and Russia Ride the Rise of Oil (Meter Reader)
8-Mar	CNQ	Canadian Natural Resources	End Buy (Meter Reader)
	OGZPY	Gazprom	Nearer Accord on Natural Gas to China (Meter Reader)
	For historical resear	ch by stock, go to <u>mcdep.com</u> , clic	ck on <u>Stock Ideas</u> , click on stock by name.
Meter	Reader		
28-Jun	MRO	Marathon Oil	Buy New U.S. Independent Producer
21-Jun	WOPEY	Woodside Petroleum	Remove Buy on Costs and Delay
14-Jun	CVE	Cenovus Energy	Accelerating Deep Oil Sands
7-Jun	IMO	Imperial Oil	Double Oil Production by 2020
	For earlier editions,	go to mcdep.com, click on Meter	Reader.
Income	e and Small Cap V	Veekly	
1-Jul			Shale Strategy
24-Jun	HGT, SJT, MTR	Hugoton, San Juan, Mesa RTrust	Income Enhancers
17-Jun	PEYUF, UPL, PGH	Peyto Exploration	Update Growth
10-Jun	WLL	Whiting Petroleum	Bakken Backlog
	For earlier editions	go to mcdep.com, click on Energy	Income



DEP Meter Reader

A Weekly Analysis of Large Cap Oil and Gas Stocks July 5, 2011



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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 assume the attributes of the underlying business are reflected in the current price of the stock. Sell recommendations are expected to deliver a total return less than inflation.