



# Independent Stock Idea

June 20, 2017

## ExxonMobil (XOM) Profit from Low-Risk Energy Growth

<i>Symbol</i>	XOM	<i>Ebitda Next Twelve Months ending 6/30/18 (US\$mm)</i>	42,200
<i>Rating</i>		<i>North American Natural Gas/Ebitda (%)</i>	6
<i>Price (\$/sh)</i>	82.76	<i>Natural Gas and Oil Production/Ebitda (%)</i>	58
<i>Pricing Date</i>	6/19/17	<i>Adjusted Reserves/Production NTM</i>	11.3
<i>Shares (mm)</i>	4223	<i>EV/Ebitda</i>	10.5
<i>Market Capitalization (\$mm)</i>	349,000	<i>PV/Ebitda</i>	12.2
<i>Debt (\$mm)</i>	93,000	<i>Undeveloped Reserves (%)</i>	31
<i>Enterprise Value (EV) (\$mm)</i>	443,000	<i>Natural Gas and Oil Ebitda (\$/boe)</i>	16.50
<i>Present Value (PV) (\$mm)</i>	516,000	<i>Present Value Proven Reserves(\$/boe)</i>	15.10
<i>Net Present Value (\$/share)</i>	100	<i>Present Value Proven Reserves(\$/mcf)</i>	2.50
<i>Debt/Present Value</i>	0.18	<i>Earnings Next Twelve Months (US\$/sh)</i>	3.43
<i>McDep Ratio - EV/PV</i>	0.86	<i>Price/Earnings Next Twelve Months</i>	24
<i>Dividend Yield (%/year)</i>	3.7	<i>Indicated Annual Dividend (US\$/sh)</i>	3.08
Note: Estimated cash flow and earnings tied to one-year futures prices for oil and natural gas.			
Reported results may vary widely from estimates. Estimated present value per share revised only infrequently.			
Estimated present value presumes a long-term price for oil of US\$70 a barrel and natural gas, \$4.00 a million btu.			
For historical analysis of XOM since 2001 see <a href="http://www.mcdep.com/1xom.htm">www.mcdep.com/1xom.htm</a>			

### Summary and Recommendation

We believe that the common stock of **ExxonMobil (XOM)** offers profitable participation at low risk in global economic and energy growth. At a current yield of 3.7%, the dividend is growing and stock price has appreciation potential to our targeted Net Present Value (NPV) of \$100 a share. The rationale for the stock and the operating strategy of the company begins with expecting oil and gas to provide the bulk of future energy with almost all the growth from developing countries outside the U.S and Europe (see slide [Energy Outlook](#) on page 2). Investors worried about negative surprises along the way can take comfort in Exxon's rock solid financial foundation (see slide [Unparalleled Financial Strength](#)). Planned investments of \$75 billion over the next three years would drive incremental profits in each of three businesses (see slide [Opportunities 2018-2020](#) on page 3). Oil and gas production from the Permian Basin and the Bakken play may expand four-fold to 800,000 barrels equivalent daily by 2025 (see slide [Unconventional Growth](#)). On June 6, the company announced a Final Investment Decision to install the first of potentially several 120,000 barrels daily floating production facilities on the Terbroek Block offshore South America (see slide [Guyana](#) on page 4). Back in the U.S., the downstream and chemicals plans include \$20 billion to be spent and 50,000 jobs to be created on the U.S. Gulf Coast to take advantage of low-priced natural gas and expanding supplies of U.S. crude oil. Ultimately, the financial goal is to have enough cash after investments to pay the growing dividend in good and bad times as well as to buy back stock in good times (see slide [Free Cash Flow](#)). As usual, we turn company disclosures into cash flow and value estimates for ExxonMobil and for comparison with other companies (see valuation tables on pages 5-10). Finally, after a stretch of underperformance, XOM stock may be ready to advance.

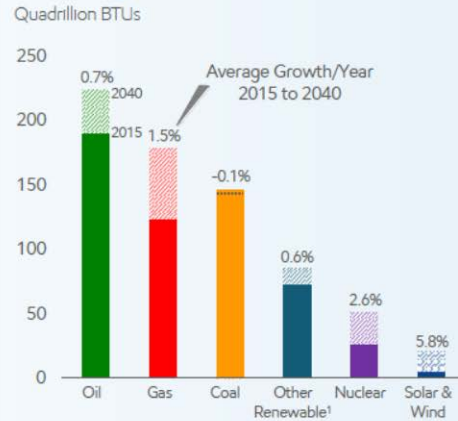
Kurt H. Wulff, CFA

## Energy Outlook guides business strategy

All forms of energy are required to meet global energy demand

- Oil and natural gas lead growth as energy mix evolves
- Higher oil demand driven by transportation and chemicals
- Strong growth in natural gas led by power generation and industrial demand
- Global LNG trade reaches more than 2.5 times 2015 level by 2040
- Energy-related CO<sub>2</sub> outlook consistent with aggregation of Paris agreement Nationally Determined Contributions

Global energy demand



<sup>1</sup> Other Renewable includes hydro, geothermal, biofuels, and biomass

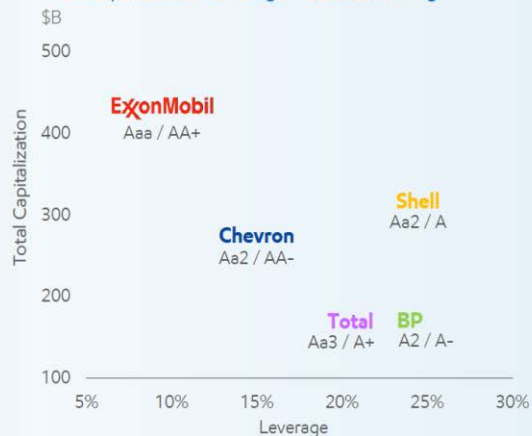
Source: ExxonMobil 2017 The Outlook for Energy: A View to 2040

## Unparalleled financial strength

Capacity to execute business strategies, invest through the cycle

- Strong balance sheet provides unique capacity
- 2016 cash from operations of \$22B
- Continuing focus on portfolio management delivers value
- Flexible capex program in low-price environment
- Only integrated major with positive free cash flow

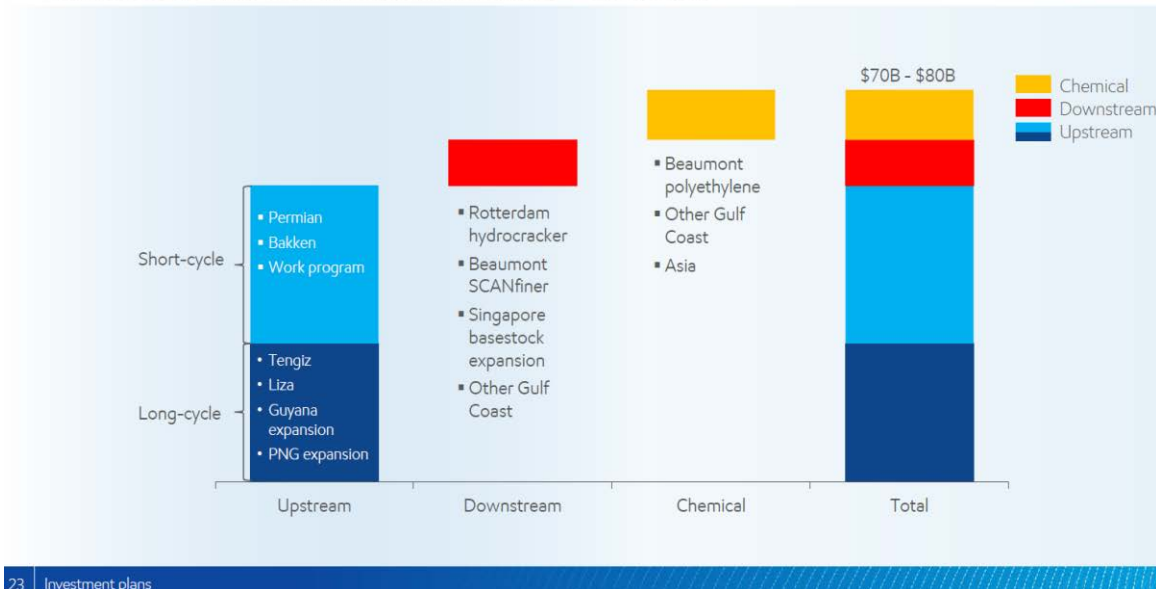
Total capitalization, leverage, and credit rating<sup>1</sup>



<sup>1</sup> Moody's and Standard & Poor's credit ratings as of 03/31/17, financial data as of 12/31/2016  
 Competitor data estimated on a consistent basis with ExxonMobil and based on public information  
 - Total Capitalization is defined as: "Net Debt + Market Capitalization"  
 - Leverage is defined as: "Net Debt / (Net Debt + Market Capitalization)"

## Investment opportunities: 2018 - 2020

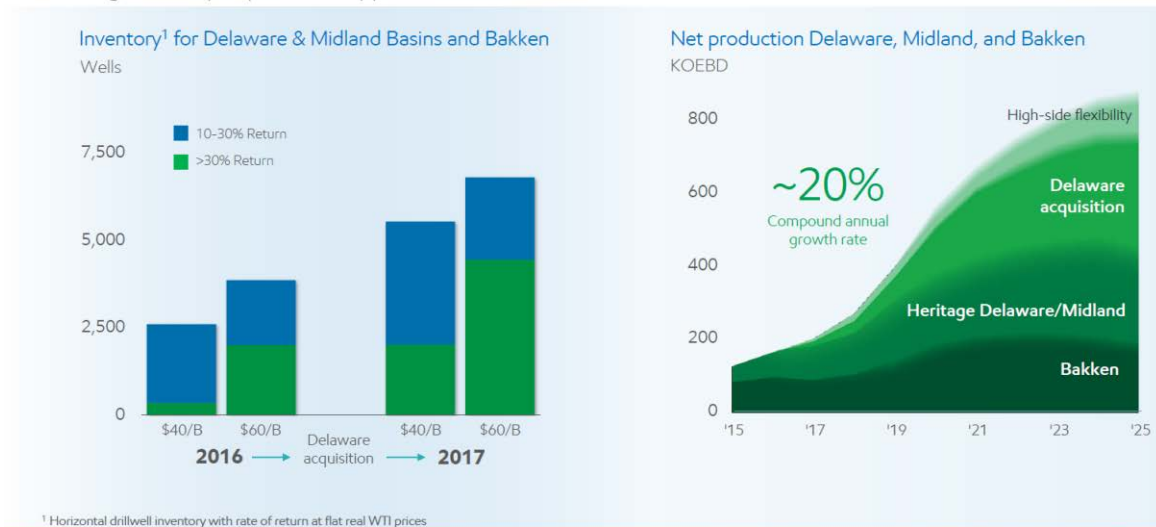
Committed to growing value through investments in attractive projects



23 Investment plans

## Significant unconventional growth

Growing inventory of profitable opportunities in the Permian and Bakken



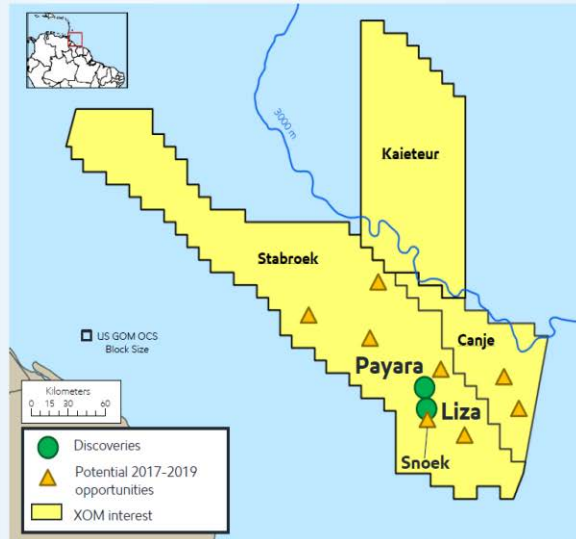
<sup>1</sup> Horizontal drillwell inventory with rate of return at flat real WTI prices

35 Upstream: Maximizing portfolio value

## Guyana: World-class exploration potential

High-potential exploration program on over 11 million gross acres

- Payara discovery in December 2016
  - Successful well test confirmed reservoir quality comparable to Liza
  - Payara-2 appraisal later this year
- Snoek discovery in March 2017
  - 82 feet of high-quality oil-bearing sandstone
- Additional wildcats planned in 2017
- Multiple plays to test in near future

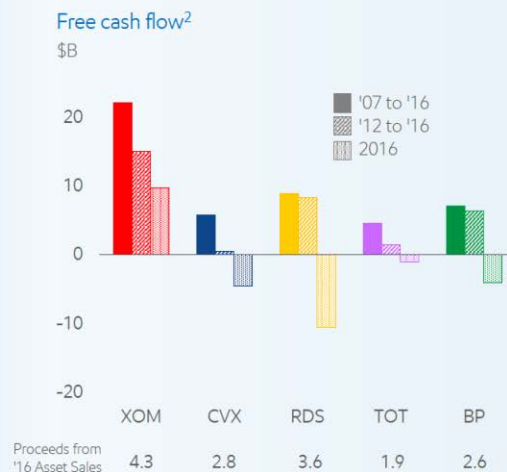


41 | Upstream: Maximizing portfolio value

## Generating free cash flow

Capital discipline yields cash flow to support distributions and investments

- 2016 free cash flow<sup>1</sup> of \$9.7B
- Strong long-term free cash flow outpacing competitors
- Provides flexibility to invest in attractive business opportunities
- Supports reliable and growing dividend



<sup>1</sup> Calculated as Cash Flow from Operations and Asset Sales of \$26.4B less PP&E Adds / Investments & Advances of (\$16.7)

<sup>2</sup> Competitor data estimated on a consistent basis with ExxonMobil and based on public information

62 | Reference material



# Independent Stock Idea

June 20, 2017

Exxon Mobil Corporation										
Next Twelve Months Operating and Financial Estimates										
	Q2	Year	Q1	Q2E	Q3E	Q4E	Year	Q1E	Q2E	Next Twelve Months
	6/30/16	2016	3/31/17	6/30/17	9/30/17	12/31/17	2017	3/31/18	6/30/18	6/30/18
<b>Volume</b>										
Natural Gas (mmcf)										
North America	3,354	<b>3,326</b>	3,229	3,354	3,278	3,219	<b>3,270</b>	3,229	3,354	<b>3,270</b>
Overseas	6,408	<b>6,829</b>	7,679	6,408	6,323	7,205	<b>6,901</b>	7,679	6,408	<b>6,901</b>
Total	9,762	<b>10,155</b>	10,908	9,762	9,601	10,424	<b>10,171</b>	10,908	9,762	<b>10,171</b>
Days	91	<b>366</b>	90	91	92	92	<b>365</b>	90	91	<b>365</b>
Oil (mmb)	212	<b>866</b>	210	214	217	219	<b>859</b>	215	219	<b>870</b>
Oil (mbd)	2,330	<b>2,365</b>	2,333	2,347	2,361	2,375	<b>2,354</b>	2,389	2,404	<b>2,382</b>
Total gas & oil (mmb)	360	<b>1,483</b>	374	362	364	378	<b>1,478</b>	379	367	<b>1,488</b>
Total gas & oil (mbd)	3,957	<b>4,053</b>	4,151	3,974	3,961	4,113	<b>4,049</b>	4,207	4,031	<b>4,077</b>
<b>Price</b>										
Natural gas (\$/mcf)										
Henry Hub (\$/mmbtu)	1.95	<b>2.46</b>	3.32	3.18	3.05	3.16	<b>3.18</b>	3.32	2.87	<b>3.10</b>
U.S.	1.74	<b>2.16</b>	2.83	2.72	2.60	2.70	<b>2.71</b>	3.32	2.87	<b>2.87</b>
International	4.06	<b>4.60</b>	5.55	5.55	5.55	5.55	<b>5.55</b>	5.55	5.55	<b>5.55</b>
Total	3.26	<b>3.80</b>	4.74	4.58	4.54	4.67	<b>4.64</b>	4.89	4.63	<b>4.69</b>
Oil (\$/bbl)										
WTI Cushing	45.66	<b>43.31</b>	51.92	48.37	44.97	45.67	<b>47.73</b>	46.37	46.87	<b>45.97</b>
Worldwide	40.72	<b>38.33</b>	47.44	44.20	41.09	41.74	<b>43.58</b>	42.34	42.79	<b>41.99</b>
Total gas & oil (\$/bbl)	32.03	<b>31.86</b>	39.13	37.35	35.50	35.94	<b>36.98</b>	36.72	36.73	<b>36.23</b>
<b>Revenue (\$mm)</b>										
Natural Gas										
U.S.	531	<b>2,625</b>	822	829	784	798	<b>3,234</b>	966	875	<b>3,424</b>
International	2,367	<b>11,453</b>	3,836	3,236	3,229	3,679	<b>13,979</b>	3,836	3,236	<b>13,979</b>
Total	2,899	<b>14,078</b>	4,658	4,065	4,013	4,477	<b>17,214</b>	4,801	4,112	<b>17,403</b>
Oil	8,634	<b>33,183</b>	9,962	9,441	8,926	9,120	<b>37,449</b>	9,105	9,361	<b>36,512</b>
Other	46,162	<b>178,833</b>	48,667	48,667	48,667	48,667	<b>194,669</b>	48,667	48,667	<b>194,669</b>
Total	57,694	<b>226,094</b>	63,287	62,173	61,606	62,265	<b>249,331</b>	62,574	62,140	<b>248,584</b>
<b>Expense (\$mm)</b>										
Production	7,497	<b>27,932</b>	7,753	7,259	7,080	7,408	<b>29,499</b>	7,518	7,283	<b>29,288</b>
Other	42,217	<b>162,138</b>	44,396	44,396	44,396	44,396	<b>177,582</b>	44,167	44,167	<b>177,126</b>
<b>Ebitda (\$mm)</b>										
Exploration and Production	4,035	<b>19,328</b>	6,866	6,247	5,859	6,190	<b>25,163</b>	6,388	6,189	<b>24,627</b>
Other	3,945	<b>16,696</b>	4,272	4,272	4,272	4,272	<b>17,087</b>	4,500	4,500	<b>17,543</b>
Total Ebitda	7,980	<b>36,024</b>	11,138	10,519	10,131	10,461	<b>42,249</b>	10,888	10,689	<b>42,170</b>
Exploration	449	<b>1,514</b>	301	301	301	301	<b>1,204</b>	301	301	<b>1,204</b>
Deprec., Deplet., & Amort.	4,821	<b>18,796</b>	4,519	4,519	4,519	4,519	<b>18,076</b>	4,519	4,519	<b>18,076</b>
<b>Ebit (\$mm)</b>										
Ebit	2,710	<b>15,714</b>	6,318	5,699	5,311	5,641	<b>22,969</b>	6,068	5,869	<b>22,890</b>
Interest	75	<b>453</b>	146	146	146	146	<b>584</b>	146	146	<b>584</b>
<b>Ebt (\$mm)</b>										
Ebt	2,635	<b>15,261</b>	6,172	5,553	5,165	5,495	<b>22,385</b>	5,922	5,723	<b>22,306</b>
Income Tax	922	<b>5,341</b>	2,160	1,944	1,808	1,923	<b>7,835</b>	2,073	2,003	<b>7,807</b>
<b>Net Income (\$mm)</b>										
Exploration and Production	294	<b>2,223</b>	2,252				<b>2,252</b>			
Other	2,042	<b>8,816</b>	2,287				<b>2,287</b>			
Unallocated	(623)	<b>(1,119)</b>	(527)				<b>(527)</b>			
Total	1,713	<b>9,920</b>	4,012	3,610	3,357	3,572	<b>14,551</b>	3,850	3,720	<b>14,499</b>
<b>Shares (millions)</b>										
Shares (millions)	4,178	<b>4,177</b>	4,223	4,223	4,223	4,223	<b>4,223</b>	4,223	4,223	<b>4,223</b>
Per share (\$)	0.41	<b>2.37</b>	0.95	0.85	0.79	0.85	<b>3.45</b>	0.91	0.88	<b>3.43</b>
Ebitda Margin (E&P)	35%	<b>41%</b>	47%	46%	45%	46%	<b>46%</b>	46%	46%	<b>46%</b>
Tax Rate	35%	<b>35%</b>	35%	35%	35%	35%	<b>35%</b>	35%	35%	<b>35%</b>



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June 20, 2017

Exxon Mobil Corporation					
Functional Cash Flow and Present Value					
	<i>NTM</i>	<i>Adjusted</i>	<i>PV/</i>	<i>Present</i>	
	<i>Ebitda</i>	<i>R/P</i>	<i>Ebitda</i>	<i>Value</i>	
North American Natural Gas	1,600	13.2	18.1	29,000	6%
Rest of World Natural Gas	6,400	13.3	14.8	95,000	18%
Oil	16,700	9.9	15.0	251,000	49%
Downstream	17,540		8.0	140,000	27%
	42,240	11.3	12.2	515,000	100%
Debt					93,000
Net Present Value (\$mm)					422,000
Shares					4,223
Net Present Value - Standard Estimate (US\$/sh)					100
NPV Approximation by Cash Flow Multiple Depending on Reserve Life (US\$/sh)					79

Exxon Mobil Corporation								
Production and Reserves, 2016								
			<i>12/31/2016 Proven Reserves</i>				<i>Weighted</i>	<i>NTM</i>
	<i>2016 Production</i>	<i>Developed</i>	<i>Undeveloped</i>	<i>Weighted</i>	<i>Life Index</i>	<i>Adjusted</i>		
	<i>(daily)</i>	<i>(annual)</i>	<i>(bcf or mmb)</i>	<i>(bcf or mmb)</i>	<i>(bcf or mmb)</i>	<i>(years)</i>	<i>R/P</i>	
							<i>(years)</i>	
North American Natural Gas								
U.S.	3,078	1,236	12,071	5,926	15,034	12.2		
Canada/South America	239	107	478	462	709	6.6		
Total	3,317	1,343	12,549	6,388	15,743	11.7	13.2	
Rest of World Natural Gas								
Europe	2,173	825	7,277	2,006	8,280	10.0		
Africa	7	43	728	43	750	17.4		
Asia	3,743	1,436	18,599	1,556	19,377	13.5		
Australia/Oceania	887	342	3,071	4,286	5,214	15.2		
Total	6,810	2,646	29,675	7,891	33,621	12.7	13.3	
Oil								
U.S.	494	148	1,527	1,662	2,358	15.9		
Canada/South America	430	156	1,087	434	1,304	8.4		
Europe	204	64	186	37	205	3.2		
Africa	474	168	836	169	921	5.5		
Asia	707	225	2,972	1,468	3,706	16.5		
Australia/Oceania	56	13	105	74	142	10.9		
Natural Gas Liquids		89						
Total	2,365	863	6,713	3,844	8,635	10.0	9.9	
Total Oil Equivalent	4,053	1,528	13,750	6,224	16,862	11.0	11.3	

Weighted Life Index counts undeveloped reserves at half stated value and is computed on latest calendar year volume. NTM Adjusted R/P also counts undeveloped reserves at half and is computed on next twelve months production.



# Independent Stock Idea

June 20, 2017

**Table 1**  
**McDep Energy Stocks**  
**Ranked by McDep Ratio**

		Price (US\$/sh)	Market Cap (US\$mm)	Enterprise Value (\$mm)	EV/ Market Cap	EV/ Ebitda NTM	PV/ Ebitda NTM	Oil Prod'n/ PV (%)	Dist. Yield NTM (%)	McDep Ratio (EV/PV)
	Symbol/Rating	19-Jun 2017								
<b>Global Integrated</b>										
	XOM	82.76	350,000	443,000	1.27	10.5	12.2	49	3.7	0.86
	CVX	107.46	204,000	272,000	1.34	9.7	11.5	60	4.0	0.84
	RDS-A	54.13	223,000	354,000	1.59	7.5	9.8	51	6.9	0.77
	TOT	50.27	124,000	179,000	1.45	6.4	9.9	53	5.5	0.65
	<i>Total or Median</i>		<i>901,000</i>	<i>1,248,000</i>	<i>1.39</i>	<i>8.6</i>	<i>10.7</i>	<i>52</i>	<i>4.8</i>	<i>0.80</i>
<b>Large Independent</b>										
	PXD	158.79	27,000	28,600	1.06	12.8	12.1	87	0.1	1.05
	EOG	88.07	51,000	58,200	1.14	13.0	12.6	86	0.8	1.03
	OXY	62.03	47,500	60,700	1.28	10.5	12.2	81	4.9	0.86
	DVN	31.32	16,500	24,500	1.48	12.4	16.1	62	0.8	0.77
	MRO	12.49	10,600	17,700	1.67	10.5	13.8	79	1.6	0.76
	COP	46.36	58,000	82,000	1.41	9.4	12.4	70	2.3	0.75
	<i>Total or Median</i>		<i>210,600</i>	<i>272,000</i>	<i>1.35</i>	<i>11.5</i>	<i>12.5</i>	<i>80</i>	<i>1.2</i>	<i>0.82</i>
<b>Small Independent</b>										
	XEC	93.45	8,900	10,300	1.15	10.0	12.4	63	0.3	0.80
	CRC	9.92	400	6,400	15.3	14.7	18.6	89	-	0.79
	CLR	32.24	3,900	5,900	1.54	9.7	14.3	74	-	0.68
	WLL	5.86	2,100	5,600	2.65	7.1	12.7	92	-	0.56
	RRC	22.19	5,400	9,800	1.80	9.5	17.5	31	0.4	0.54
	<i>Total or Median</i>		<i>21,000</i>	<i>38,000</i>	<i>1.80</i>	<i>9.7</i>	<i>14.3</i>	<i>74</i>	<i>-</i>	<i>0.68</i>
<b>Income</b>										
	SJT	6.93	320	320	1.00	11.0	12.7	-	8.9	0.87
	PBT	9.04	420	420	1.00	12.5	15.2	78	7.6	0.82
	DMLP	15.10	460	460	1.00	12.5	19.9	70	7.8	0.63
	SBR	37.40	550	550	1.00	16.0	25.7	59	6.2	0.62
	CRT	15.38	90	90	1.00	10.0	18.9	28	7.8	0.53
	<i>Total or Median</i>		<i>1,800</i>	<i>1,800</i>	<i>1.00</i>	<i>12.5</i>	<i>18.9</i>	<i>59</i>	<i>7.8</i>	<i>0.63</i>
<b>Canada</b>										
	ECA	8.73	8,500	15,000	1.76	9.4	11.4	56	0.7	0.82
	IMO	29.70	7,600	9,500	1.25	8.9	10.9	67	1.5	0.82
	SU	29.51	49,100	65,900	1.34	9.5	12.9	84	3.3	0.73
	CVE	7.79	9,500	22,000	2.32	9.0	16.0	84	1.9	0.56
	BIREF	4.29	1,200	1,800	1.50	7.5	14.2	36	1.8	0.53
	<i>Total or Median</i>		<i>76,000</i>	<i>114,000</i>	<i>1.50</i>	<i>9.0</i>	<i>12.9</i>	<i>67</i>	<i>1.8</i>	<i>0.73</i>

EV = Enterprise Value = Market Cap and Debt; Ebitda = Earnings before interest, tax, depreciation, amort.  
 Estimated Ebitda (cash flow) tied to NTM futures prices for oil and natural gas. NTM = Next Twelve Months ending 6/30/18.  
 Estimated Present Value (PV) presumes a long-term price for oil of US\$70 a barrel and natural gas, \$4.00 a million btu.  
 McDep Ratio = Market cap and Debt to present value of oil and gas and other businesses. For historical research see [www.mcdep.com](http://www.mcdep.com)



# Independent Stock Idea

June 20, 2017

<b>Table 2</b>											
<b>McDep Energy Stocks</b>											
<b>Production Operating Leverage</b>											
<b>Ranked by McDep Ratio</b>											
		Price		Oil	Operating						
		(US\$/sh)		Equiv.	Expense						
	Symbol/Rating	19-Jun	Volume	Price	Fixed	Var.	NTM	Ebitda	Oper Lev		
	B = Buy	2017	(mmboe)	(\$/boe)	(\$/boe)	(%)	(\$/boe)	(\$mm)	Ebitda chg/	McDep	
									Price chg	Ratio	
<b>Global Integrated (excl. Downstream)</b>											
	XOM	82.76	1,493	36.23	7	35	16.50	24,627	1.42	0.86	
	CVX	107.46	868	35.12	8	22	19.40	16,847	1.41	0.84	
	RDS-A	54.13	1,323	33.50	2	27	22.50	29,775	1.09	0.77	
	TOT	50.27	933	34.82	0	43	19.80	18,471	1.00	0.65	
	<i>Total or Median</i>									1.25	0.80
<b>Large Independent</b>											
	PXD	158.79	114	32.54	9	12	19.60	2,240	1.46	1.05	
	EOG	88.07	227	31.95	10	7	19.80	4,490	1.51	1.03	
	OXY	62.03	300	32.92	8	17	19.30	5,799	1.41	0.86	
	DVN	31.32	166	23.26	9	10	11.90	1,976	1.76	0.77	
	MRO	12.49	135	25.33	13	-1	12.50	1,686	2.04	0.76	
	COP	46.36	463	32.66	6	24	18.90	8,752	1.32	0.75	
	<i>Total or Median</i>									1.48	0.82
<b>Small Independent</b>											
	XEC	93.45	70	24.66	6	16	14.70	1,029	1.41	0.80	
	CRC	9.92	44	36.42	15	32	9.90	437	2.52	0.79	
	CLR	32.24	28	29.09	3	14	21.90	614	1.14	0.68	
	WLL	5.86	50	30.05	9	17	16.00	794	1.56	0.56	
	RRC	22.19	138	16.58	8	7	7.50	1,034	2.07	0.54	
	<i>Total or Median</i>									1.56	0.68
<b>Income</b>											
	SJT	6.93	3	16.96	5	14	9.52	29	1.52	0.87	
	PBT	9.04	1	33.20	10	2	22.52	34	1.44	0.82	
	DMLP	15.10	2	29.28	7	11	19.14	37	1.37	0.63	
	SBR	37.40	1	28.66	2	10	23.66	34	1.08	0.62	
	CRT	15.38	0	32.73	8	10	21.60	9	1.37	0.53	
	<i>Total or Median</i>									1.37	0.63
<b>Canada (excl. Downstream)</b>											
	ECA	8.73	120	26.19	11	8	13.19	1,589	1.83	0.82	
	IMO	29.70	77	31.98	14	13	13.80	1,063	2.01	0.82	
	SU	29.51	365	41.77	18	11	19.07	6,965	1.94	0.73	
	CVE	7.79	219	23.30	11	5	11.16	2,447	1.99	0.56	
	BIREF	4.29	23	17.49	1	34	10.60	243	1.09	0.53	
	<i>Total or Median</i>									1.94	0.73
For historical research see <a href="http://www.mcdep.com">www.mcdep.com</a>											





# Independent Stock Idea

June 20, 2017

<b>Table 3</b>											
<b>McDep Energy Stocks</b>											
<b>Net Present Value Per Share</b>											
<b>Ranked by Reserve Life (Adjustd Resrvs/Prod NTM)</b>											
			<i>Price</i>					<i>Down-</i>	<i>Proven</i>	<i>Adjustd</i>	<i>Net</i>
	<i>Symbol/Rating</i>		<i>(US\$/sh)</i>	<i>Shares</i>	<i>Debt</i>	<i>NTM</i>	<i>P/E</i>	<i>stream/</i>	<i>Undev.</i>	<i>Resrvs/</i>	<i>Present</i>
	<i>B = Buy</i>		<i>2017</i>	<i>(mm)</i>	<i>(\$mm)</i>	<i>NTM</i>		<i>PV</i>	<i>Resrvs</i>	<i>Prod</i>	<i>Value</i>
								<i>(%)</i>	<i>(%)</i>	<i>NTM</i>	<i>(US\$/sh)</i>
<b>Global Integrated</b>											
Exxon Mobil Corporation	XOM		82.76	4,223	93,323	3.08	24	27	31	11.3	100.00
Total S.A.	TOT	B	50.27	2,457	55,616	2.77	12	23	42	9.2	90.00
Chevron Corporation	CVX		107.46	1,895	68,305	4.32	30	19	32	9.2	135.00
Royal Dutch Shell	RDS-A	B	54.13	4,112	131,054	3.76	23	24	25	8.6	80.00
	<i>Median</i>									9.2	
<b>Large Independent</b>											
ConocoPhillips	COP	B	46.36	1,249	24,000	1.06		-	20	9.8	68.00
Devon Energy Corporation	DVN		31.32	528	8,002	0.24	69	9	20	9.0	45.00
Occidental Petroleum Corp.	OXY		62.03	765	13,200	3.04	57	13	23	9.0	75.00
Marathon Oil Corporation	MRO	B	12.49	849	7,100	0.20		-	39	8.4	19.00
EOG Resources, Inc.	EOG		88.07	579	7,202	0.67		-	30	7.2	85.00
Pioneer Natural Resources	PXD		158.79	170	1,600	0.08	76	-	7	6.1	150.00
	<i>Median</i>									8.7	
<b>Small Independent</b>											
Range Resources	RRC	B	22.19	245	4,345	0.08	48	-	44	11.4	56.00
Continental Resources (32%)	CLR	B	32.24	119	2,095	-		-	59	11.4	56.00
California Resources	CRC		9.92	43	6,000	-		-	29	11.1	50.00
Whiting Petroleum Corporation	WLL		5.86	363	3,517	-		-	53	9.1	18.00
Cimarex Energy Company	XEC		93.45	95	1,362	0.32	27	-	21	6.2	120.00
	<i>Median</i>									11.1	
<b>Income</b>											
Sabine Royalty Trust	SBR	B	37.40	15	-	2.33	16	-	4	11.6	60.00
San Juan Basin Royalty Trust	SJT		6.93	47	-	0.62	11	-	-	10.1	8.00
Permian Basin RT	PBT		9.04	47	-	0.69	13	-	13	9.4	11.00
Cross Timbers Royalty Trust	CRT	B	15.38	6	-	1.20	13	-	-	7.7	29.00
Dorchester Minerals, L.P.	DMLP		15.10	31	-	1.18	17	-	-	7.2	24.00
	<i>Median</i>									9.4	
<b>Canada</b>											
Suncor Energy	SU	B	29.51	1,665	16,780	0.97	31	16	44	15.1	44.00
Cenovus Energy Inc.	CVE		7.79	1,217	12,491	0.15		4	55	12.9	22.00
Birchcliff Energy Ltd.	BIREF	B	4.29	284	614	0.08	37	-	69	12.5	10.00
Imperial Oil Limited (30%)	IMO		29.70	255	1,893	0.45	15	32	23	9.8	38.00
EnCana Corporation	ECA		8.73	973	6,461	0.06		-	43	5.1	12.00
	<i>Median</i>									12.5	
P/E = Stock Price to Earnings. For historical research see <a href="http://www.mcdep.com">www.mcdep.com</a> .											



# Independent Stock Idea

June 20, 2017

Table 4										
McDep Energy Stocks										
Total Return Year-to-Date 2017										
Ranked by Unlevered Total Return										
			Price (\$/sh)	Price (\$/sh)	Price Change	Cash Distrib.	Equity Total Return	Unlevered Total Return		McDep
	Symbol/Rati		19-Jun 2017	30-Dec 2016	(%)	(%)	(%)	Debt (\$/sh)	Return (%)	Ratio
<b>Global Integrated</b>										
	RDS-A	B	54.13	54.38	(0)	3	3	32	2	0.77
	TOT	B	50.27	50.97	(1)	1	(0)	23	(0)	0.65
	CVX		107.46	117.70	(9)	2	(7)	36	(5)	0.84
	XOM		82.76	90.26	(8)	2	(7)	22	(5)	0.86
	<i>Median</i>				(5)		(3)		(3)	0.80
<b>Large Independent</b>										
	COP	B	46.36	50.14	(8)	1	(6)	19	(5)	0.75
	OXY		62.03	71.23	(13)	1	(12)	17	(10)	0.86
	EOG		88.07	101.10	(13)	0	(13)	12	(11)	1.03
	PXD		158.79	180.00	(12)	0	(12)	9	(11)	1.05
	MRO	B	12.49	17.31	(28)	1	(27)	8	(18)	0.76
	DVN		31.32	45.67	(31)	0	(31)	15	(23)	0.77
	<i>Median</i>				(13)		(12)		(11)	0.82
<b>Small Independent</b>										
	CRC		9.92	21.29	(53)	-	(53)	141	(7)	0.79
	RRC	B	22.19	34.36	(35)	0	(35)	18	(23)	0.54
	CLR	B	32.24	51.54	(37)	-	(37)	18	(28)	0.68
	XEC		93.45	135.90	(31)	0	(31)	14	(28)	0.80
	WLL		5.86	12.02	(51)	-	(51)	10	(28)	0.56
	<i>Median</i>				(37)		(37)		(28)	0.68
<b>Income</b>										
	PBT		9.04	7.71	17	4	21	-	21	0.82
	SBR	B	37.40	35.15	6	3	9	-	9	0.62
	SJT		6.93	6.62	5	4	9	-	9	0.87
	DMLP		15.10	17.55	(14)	3	(11)	-	(11)	0.63
	CRT	B	15.38	17.97	(14)	2	(12)	-	(12)	0.53
	<i>Median</i>				5		9		9	0.63
<b>Canada</b>										
	SU	B	29.51	32.69	(10)	1	(9)	10	(7)	0.73
	IMO		29.70	34.76	(15)	0	(14)	7	(12)	0.82
	ECA		8.73	11.74	(26)	0	(26)	7	(16)	0.82
	CVE		7.79	15.13	(49)	0	(48)	10	(29)	0.56
	BIREF	B	4.29	7.01	(39)	0	(38)	2	(29)	0.53
	<i>Median</i>				(26)		(26)		(16)	0.73
	<i>Grand Median</i>				(14)		(12)		(11)	0.77
	<b>Natural Gas (\$/mmbtu)</b>		2.89	3.74	(23)					
	<b>Oil - West Texas Intermediate (\$/bbl)</b>		44.10	53.72	(18)					
	VTI		126.27	115.32	9					
	VEA		41.95	36.54	15					
	VWO		41.02	35.78	15					

Source: McDep LLC, Yahoo, CME Group, Bloomberg

For historical research see [www.mcdep.com](http://www.mcdep.com)



# Independent Stock Idea

June 20, 2017

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