

## Canadian Oil Sands, Ltd. (COSWF) Record Monthly Production

<i>Symbol</i>	COSWF	<i>Ebitda Next Twelve Months ending 9/30/15 (US\$mm)</i>	1,580
<i>Rating</i>	Contrarian Buy	<i>North American Natural Gas/Ebitda (%)</i>	0
<i>Price (US\$/share)</i>	14.99	<i>Natural Gas and Oil Production/Ebitda (%)</i>	100
<i>Pricing Date</i>	11/10/14	<i>Adjusted Reserves/Production NTM</i>	18.3
<i>Shares (mm)</i>	485	<i>EV/Ebitda</i>	6.2
<i>Market Capitalization (US\$mm)</i>	7,300	<i>PV/Ebitda</i>	12.0
<i>Debt (US\$mm)</i>	2,500	<i>Undeveloped Reserves (%)</i>	0
<i>Enterprise Value (EV) (US\$mm)</i>	9,800	<i>Natural Gas and Oil Ebitda (US\$/boe)</i>	44.40
<i>Present Value (PV) (US\$mm)</i>	19,000	<i>Present Value Proven Reserves(US\$/boe)</i>	29.19
<i>Net Present Value (US\$/share)</i>	34	<i>Ebitda Margin NTM (%)</i>	54
<i>Debt/Present Value</i>	0.13	<i>Earnings Next Twelve Months (US\$/share)</i>	1.43
<i>McDep Ratio - EV/PV</i>	0.51	<i>Price/Earnings Next Twelve Months</i>	10
<i>Dividend Yield (%/year)</i>	8.2	<i>Dividend Next Twelve Months (US\$/share)</i>	1.23
Note: Estimated cash flow and earnings tied to one-year futures prices for oil.			
Estimated present value presumes a long-term price for oil of US\$90 a barrel and natural gas, \$6 a million btu.			
For historical analysis of COS since 2002 see <a href="http://www.mcdep.com/4cos.htm">www.mcdep.com/4cos.htm</a>			

### Summary and Recommendation

Contrarian Buy-recommended **Canadian Oil Sands Ltd. (COSWF)** achieved the highest monthly production by its 37% owned Syncrude oil sands mine and upgrader in more than two years last month (see chart [Monthly Production](#) on page 2). The October rate of 352,000 barrels daily (bd) exceeded design capacity of 350,000 bd and the eight-year average of 284,000 bd. Improved operating reliability that we expect for the next twelve months is more than enough to offset the drop in oil price to C\$88 a barrel from C\$102 (see table [Operating and Financial Estimates](#) on page 3). Meanwhile, an intensive capital program is nearly complete, which should contribute to smoother operations and free up more cash for the dividend. The current dividend yield of 8% is already quite attractive and the dividend could be increased, we believe. At the same time, political opposition to expanding pipeline transportation of Canadian oil to the U.S. appears to be weakened by the latest U.S. election results. At the same time, at a 0.51 McDep Ratio, COSWF is our most undervalued North American stock (see [Tables 1-2](#) on pages 4-5). Unlevered cash flow multiple (EV/Ebitda) is low at 6.2 times despite adjusted reserve life being high at 18.3 years (see [Table 3](#) on page 6). Among the steepest decliners with oil price, COSWF stock price may have sharper recovery potential in an oft-recurring seasonal pattern (see [Table 4](#) on page 7). On a long-term basis we are keeping our oil price expectation at US\$90 a barrel, but quickly point out that McDep Ratios would also be low at US\$80 or less. Cash costs when Syncrude is operating reliably are on the order of US\$35 a barrel. As a result, continuing strong cash flow generation looks like a reasonable bet in a growing global economy.

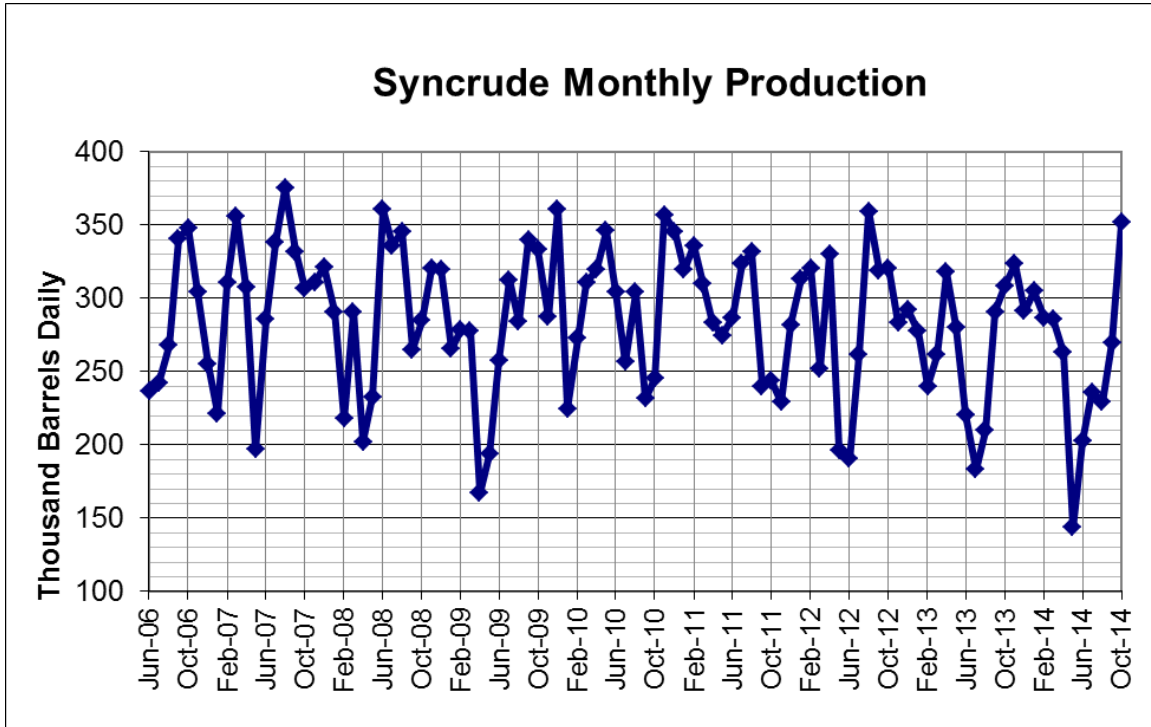
Kurt H. Wulff, CFA



# Meter Reader

A Weekly Analysis of Oil and Gas Stocks

November 11, 2014



<b>Canadian Oil Sands Ltd.</b>					
<b>Functional Cash Flow and Present Value</b>					
	<i>NTM Ebitda</i>	<i>Adjusted</i>	<i>PV/</i>	<i>Present</i>	
	<i>(US\$mm)</i>	<i>R/P</i>	<i>Ebitda</i>	<i>Value</i>	
				<i>(US\$mm)</i>	
Oil	1,580	18.3	12.0	18,990	100%
Debt (US\$mm)					2,500
Net Present Value (US\$mm)					16,490
Shares (mm)					485
Net Present Value (US\$/sh)					34
NPV Approximation by Cash Flow Multiple Depending on Reserve Life (US\$/sh)					35



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Canadian Oil Sands Ltd.										
Next Twelve Months Operating and Financial Estimates										
(Canadian Dollars)										
	Q3	Year	Q2	Q3	Q4E	Year	Q1E	Q2E	Q3E	Next Twelve Months
	9/30/13	2013	6/30/14	9/30/14	12/31/14	2014E	3/31/15	6/30/15	9/30/15	9/30/15
<b>Volume</b>										
Syncrude (mmb)	20.9	<b>97.5</b>	18.4	22.5	29.7	<b>97.0</b>	26.1	26.4	26.7	<b>108.9</b>
Syncrude (mbd)	227	<b>267</b>	202	245	323	<b>266</b>	290	290	290	<b>298</b>
Days	92	<b>365</b>	91	92	92	<b>365</b>	90	91	92	<b>365</b>
Company share (%)	37.1	<b>36.7</b>	38.1	35.9	36.9	<b>36.6</b>	36.7	36.7	37.0	<b>36.8</b>
Company Oil (mmb)	7.75	<b>35.8</b>	7.01	8.08	10.98	<b>35.5</b>	9.59	9.70	9.87	<b>40.1</b>
Company Oil (mbd)	84.3	<b>98.0</b>	77.1	87.8	119.3	<b>97.4</b>	106.5	106.5	107.3	<b>110.0</b>
<b>Price</b>										
WTI Cushing (US\$/bbl)	105.83	<b>97.98</b>	102.98	97.24	79.70	<b>94.67</b>	77.37	77.71	78.07	<b>78.21</b>
Currency (US\$/C\$)	0.96	<b>0.97</b>	0.92	0.92	0.88	<b>0.91</b>	0.88	0.88	0.88	<b>0.88</b>
WTI Cushing (C\$/bbl)	109.92	<b>100.93</b>	112.28	105.85	90.70	<b>104.43</b>	88.05	88.44	88.85	<b>89.01</b>
Differential	2.63	<b>(1.38)</b>	(0.24)	(3.27)	-	<b>(2.81)</b>	(2.00)	(2.00)	(2.00)	<b>(1.40)</b>
Company Oil Price (C\$/bbl)	112.55	<b>99.55</b>	112.04	102.58	90.70	<b>101.62</b>	86.05	86.44	86.85	<b>87.61</b>
<b>Revenue (C\$mm)</b>										
Sales	872	<b>3,562</b>	786	829	996	<b>3,612</b>	825	838	857	<b>3,516</b>
Crown Royalties	71	<b>174</b>	41	62	97	<b>258</b>	27	30	36	<b>190</b>
Net Revenue	801	<b>3,388</b>	745	767	899	<b>3,354</b>	798	808	821	<b>3,326</b>
<b>Operating Expense (C\$mm)</b>										
Production	357	<b>1,494</b>	418	385	385	<b>1,633</b>	400	400	400	<b>1,585</b>
<b>Operating Income (C\$mm)</b>	444	<b>1,894</b>	327	382	514	<b>1,721</b>	398	408	421	<b>1,741</b>
Administration and Insurance	10	<b>41</b>	9	10	8	<b>43</b>	11	11	8	<b>38</b>
<b>Ebitda</b>	434	<b>1,853</b>	318	372	485	<b>1,657</b>	431	436	443	<b>1,796</b>
Development Expense	41	<b>133</b>	32	34	82	<b>180</b>	45	45	48	<b>220</b>
Deprec., Deplet., & Amort.	101	<b>478</b>	112	126	126	<b>493</b>	126	126	126	<b>504</b>
Exchange on U.S. Debt	(31)	<b>88</b>	(49)	73		<b>78</b>				
Other	11	<b>(1)</b>	12	10		<b>41</b>				
<b>Ebit</b>	312	<b>1,155</b>	211	128	277	<b>865</b>	260	265	269	<b>1,072</b>
Interest	1	<b>8</b>	-	1	1	<b>6</b>	2	2	2	<b>7</b>
<b>Ebt</b>	311	<b>1,147</b>	211	127	276	<b>859</b>	258	263	267	<b>1,065</b>
Income Tax	64	<b>279</b>	36	40	72	<b>223</b>	67	68	69	<b>276</b>
<b>Net Income (C\$mm)</b>	247	<b>868</b>	175	87	205	<b>636</b>	191	195	198	<b>789</b>
<b>Shares (millions)</b>	485	<b>485</b>	485	485	485	<b>485</b>	485	485	485	<b>485</b>
Earnings per share (C\$)	0.51	<b>1.79</b>	0.36	0.18	0.42	<b>1.31</b>	0.39	0.40	0.41	<b>1.63</b>
Ebitda Margin (E&P)	54%	<b>55%</b>	43%	48%	54%	<b>49%</b>	54%	54%	54%	<b>54%</b>
Tax Rate	21%	<b>24%</b>	17%	31%	26%	<b>26%</b>	26%	26%	26%	<b>26%</b>
<b>Cash Flow (C\$mm)</b>										
Net Income	247	<b>868</b>	175	87	205	<b>636</b>	191	195	198	<b>789</b>
Deprec., Deplet., & Amort.	101	<b>478</b>	112	126	126	<b>493</b>	126	126	126	<b>504</b>
Exchange on U.S. Debt	(31)	<b>88</b>	(49)	73		<b>78</b>				<b>-</b>
Deferred tax and other	22	<b>(81)</b>	5	14		<b>25</b>				<b>-</b>
Cash Flow from Operations	340	<b>1,353</b>	243	301	370	<b>1,272</b>	317	321	324	<b>1,332</b>
Capital Expenditures	413	<b>1,342</b>	321	222	178	<b>938</b>	100	100	100	<b>478</b>
Free Cash Flow	(74)	<b>11</b>	(79)	79	192	<b>334</b>	217	221	224	<b>854</b>
Cash Flow per share	0.70	<b>2.79</b>	0.50	0.62	0.76	<b>2.62</b>	0.65	0.66	0.67	<b>2.75</b>
Free Cash Flow per share	(0.15)	<b>0.02</b>	(0.16)	0.16	0.40	<b>0.69</b>	0.45	0.46	0.46	<b>1.76</b>
<b>Dividend (C\$/share)</b>	0.35	<b>1.40</b>	0.35	0.35	0.35	<b>1.40</b>	0.35	0.35	0.35	<b>1.40</b>



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						Present Value by Segment (%)							
		Price				North	Rest of			Dist.			
		(US\$/sh)	EV/	Enterprise		Amer.	World			Yield			
Symbol/Rating		10-Nov	Market	Value	Natural	Natural	Oil	Down-	NTM	McDep			
B = Buy, CB (see below)		2014	Cap	(\$mm)	Gas	Gas	Prod'n	stream	(%)	Ratio			
<b>Global Integrated</b>													
E Exxon Mobil Corporation	XOM CB	96.28	1.18	485,000	7	16	61	17	2.9	0.95			
C Chevron Corporation	CVX	117.92	1.20	268,000	3	11	73	13	3.6	0.82			
R Royal Dutch Shell plc	RDS-A	70.71	1.36	305,000	4	22	57	17	5.3	0.80			
T Total S.A.	TOT	58.20	1.43	190,000		22	60	18	5.2	0.79			
L Lukoil Oil Company	LUKOY CB	46.90	1.22	44,400			76	24	5.6	0.39			
<i>Total or Median</i>			1.22	1,292,000			61	17	5.2	0.80			
<b>U.S. Independent</b>													
E OEG Resources, Inc.	EOG	98.50	1.12	60,500	16	4	80		0.7	0.91			
C ConocoPhillips	COP	71.60	1.38	123,000	13	14	72		4.1	0.78			
O Occidental Petroleum Corp.	OXY	87.93	1.17	79,900	7	1	84	9	3.3	0.76			
D Devon Energy Corporation	DVN CB	64.21	1.66	43,800	27		65	8	1.5	0.75			
M Marathon Oil Corporation	MRO CB	33.25	1.45	32,600	9	3	89		2.5	0.74			
<i>Total or Median</i>			1.38	340,000	13		80		2.5	0.76			
<b>Canada/Australia</b>													
W Woodside Petroleum Ltd.	WOPEY	35.31	1.15	34,000		70	30		6.3	0.98			
I Imperial Oil Limited (30%)	IMO	47.50	1.22	14,800	2		79	19	1.0	0.93			
E EnCana Corporation	ECA CB	18.49	1.74	23,600	50		50		1.5	0.74			
C Cenovus Energy Inc.	CVE	24.84	1.35	25,500	9		80	10	3.8	0.66			
C Canadian Oil Sands Limited	COSWF CB	14.99	1.35	9,800			100		8.2	0.51			
<i>Total or Median</i>			1.35	108,000			79		3.8	0.74			
<b>Small Cap Independent Producers</b>													
C Cimarex Energy Company	XEC CB	115.88	1.18	12,000	41		59		0.6	0.85			
R Range Resources	RRC CB	72.38	1.29	15,600	60		40		0.2	0.77			
P Peyto Exploration and Develop	PEYUF	31.11	1.18	5,700	83		17		3.4	0.77			
H Halcón Resources	HK	3.25	3.81	5,100	6		94		-	0.77			
W WPX Energy Inc.	WPX	17.60	1.69	6,000	61		39		-	0.74			
W Whiting Petroleum Corporation	WLL CB	57.63	1.45	10,000	9		91		-	0.72			
C Continental Resources (32%)	CLR CB	54.22	1.30	8,400	16		84		-	0.70			
B Birchcliff Energy Ltd.	BIREF CB	8.63	1.37	1,900	72		28		-	0.69			
P PDC Energy	PDCE	41.52	1.55	2,300	26		74		-	0.66			
<i>Total or Median</i>			1.37	67,000	41		59		-	0.74			
<b>RIF Cash Payers</b>													
M Mesa Royalty Trust	MTR	29.82	1.00	60	71		29		7.4	1.07			
S San Juan Basin Royalty Trust	SJT CB	19.05	1.00	890	100		-		6.1	0.91			
D Dorchester Minerals, L.P.	DMLP CB	27.05	1.00	830	35		65		6.2	0.85			
S Sabine Royalty Trust	SBR	51.60	1.00	750	44		56		6.9	0.81			
F Freehold Royalties Ltd.	FRHLF	19.50	1.11	1,590	18		82		7.6	0.77			
H Hugoton Royalty Trust	HGT	9.79	1.00	390	87		13		8.2	0.75			
P Permian Basin RT	PBT	12.06	1.00	560	20		80		8.0	0.67			
C Cross Timbers Royalty Trust	CRT	26.53	1.00	160	64		36		8.5	0.63			
E Enduro Royalty Trust	NDRO	8.29	1.00	270	28		72		6.6	0.59			
<i>Total or Median</i>			1.00	5,500	44		56		7.4	0.77			

CB=Contrarian Buy, Stock Price may be in downtrend compared to 200-day average.  
 Estimated present value presumes a long-term price for oil of US\$90 a barrel and natural gas, \$6 a million btu.  
 McDep Ratio = Market cap and Debt to present value of oil and gas and other businesses



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			<i>Price (US\$/sh)</i>	<i>Shares</i>	<i>Market Cap (US\$m)</i>	<i>Net Present Value (US\$/sh)</i>	<i>Debt/ Present Value</i>	<i>McDep Ratio</i>
	<i>Symbol/Rating</i>		<i>10-Nov 2014</i>	<i>(mm)</i>				
	<i>B = Buy, CB (see below)</i>							
<b>Global Integrated</b>								
Exxon Mobil Corporation	XOM	CB	96.28	4,267	411,000	102.00	0.15	0.95
Chevron Corporation	CVX		117.92	1,896	224,000	150.00	0.13	0.82
Royal Dutch Shell plc	RDS-A		70.71	3,167	224,000	95.00	0.21	0.80
Total S.A.	TOT		58.20	2,285	133,000	80.00	0.24	0.79
Lukoil Oil Company	LUKOY	CB	46.90	776	36,400	135.00	0.07	0.39
	<i>Total or Median</i>				<i>1,028,000</i>		<i>0.15</i>	<i>0.80</i>
<b>U.S. Independent</b>								
EOG Resources, Inc.	EOG		98.50	550	54,200	110.00	0.10	0.91
ConocoPhillips	COP		71.60	1,247	89,000	100.00	0.21	0.78
Occidental Petroleum Corp.	OXY		87.93	778	68,400	120.00	0.11	0.76
Devon Energy Corporation	DVN	CB	64.21	411	26,400	100.00	0.30	0.75
Marathon Oil Corporation	MRO	CB	33.25	678	22,540	50.00	0.23	0.74
	<i>Total or Median</i>				<i>260,500</i>		<i>0.21</i>	<i>0.76</i>
<b>Canada/Australia</b>								
Woodside Petroleum Ltd.	WOPEY		35.31	823	29,100	36.00	0.13	0.98
Imperial Oil Limited (30%)	IMO		47.50	255	12,100	52.00	0.17	0.93
EnCana Corporation	ECA	CB	18.49	736	13,600	30.00	0.31	0.74
Cenovus Energy Inc.	CVE		24.84	759	18,900	42.00	0.17	0.66
Canadian Oil Sands Limited	COSWF	CB	14.99	485	7,300	34.00	0.13	0.51
	<i>Total or Median</i>				<i>81,000</i>		<i>0.17</i>	<i>0.74</i>
<b>Small Cap Independent Producers</b>								
Cimarex Energy Company	XEC	CB	115.88	87	10,100	140.00	0.13	0.85
Range Resources	RRC	CB	72.38	166	12,000	100.00	0.18	0.77
Peyto Exploration and Development Corp.	PEYUF		31.11	154	4,800	42.00	0.12	0.77
Halcón Resources	HK		3.25	415	1,400	7.00	0.57	0.77
WPX Energy Inc.	WPX		17.60	203	3,600	28.00	0.30	0.74
Whiting Petroleum Corporation	WLL	CB	57.63	120	6,900	90.00	0.22	0.72
Continental Resources (32%)	CLR	CB	54.22	119	6,400	85.00	0.16	0.70
Birchcliff Energy Ltd.	BIREF	CB	8.63	158	1,400	14.00	0.19	0.69
PDC Energy	PDCE		41.52	36	1,500	75.00	0.23	0.66
	<i>Total or Median</i>				<i>48,000</i>		<i>0.19</i>	<i>0.74</i>
<b>RTF Cash Payers</b>								
Mesa RoyaltyTrust	MTR		29.82	1.9	56	28.00	-	1.07
San Juan Basin Royalty Trust	SJT	CB	19.05	47	890	21.00	-	0.91
Dorchester Minerals, L.P.	DMLP	CB	27.05	31	830	32.00	-	0.85
Sabine Royalty Trust	SBR		51.60	15	750	64.00	-	0.81
Freehold Royalties Ltd.	FRHLF		19.50	73	1,430	26.00	0.08	0.77
Hugoton RoyaltyTrust	HGT		9.79	40	390	13.00	-	0.75
Permian Basin RT	PBT		12.06	47	560	18.00	-	0.67
Cross Timbers Royalty Trust	CRT		26.53	6	160	42.00	-	0.63
Enduro Royalty Trust	NDRO		8.29	33	270	14.00	-	0.59
	<i>Total or Median</i>				<i>5,300</i>		<i>-</i>	<i>0.77</i>

CB=Contrarian Buy, Stock Price may be in downtrend compared to 200-day average.  
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			<i>Price</i> <i>(US\$/sh)</i>	<i>Adjustd</i> <i>Resrvs/</i>	<i>PV/</i>	<i>EV/</i>		<i>Dividend</i>
	<i>Symbol/Rating</i>		<i>10-Nov</i>	<i>Prod</i>	<i>Ebitda</i>	<i>Ebitda</i>	<i>P/E</i>	<i>NTM</i>
	B = Buy, CB (see below)		<i>2014</i>	<i>NTM</i>	<i>NTM</i>	<i>NTM</i>	<i>NTM</i>	<i>(\$/sh)</i>
<b>Global Integrated</b>								
Exxon Mobil Corporation	XOM	CB	96.28	14.5	8.3	7.9	15	2.76
Chevron Corporation	CVX		117.92	9.2	8.2	6.7	15	4.28
Total S.A.	TOT		58.20	10.7	8.0	6.3	13	3.04
Royal Dutch Shell plc	RDS-A		70.71	10.5	7.7	6.2	13	3.76
Lukoil Oil Company	LUKOY	CB	46.90	14.6	6.5	2.6	7	2.64
	<i>Median</i>			<i>10.7</i>	<i>8.0</i>	<i>6.3</i>	<i>13</i>	
<b>U.S. Independent</b>								
EOG Resources, Inc.	EOG		98.50	7.1	8.2	7.4	22	0.67
Devon Energy Corporation	DVN	CB	64.21	9.5	9.2	6.9	15	0.96
Occidental Petroleum Corp.	OXY		87.93	10.5	8.7	6.7	17	2.88
ConocoPhillips	COP		71.60	11.1	8.4	6.5	16	2.92
Marathon Oil Corporation	MRO	CB	33.25	11.0	7.7	5.7	17	0.84
	<i>Median</i>			<i>10.5</i>	<i>8.4</i>	<i>6.7</i>	<i>17</i>	
<b>Canada/Australia</b>								
Imperial Oil Limited (30%)	IMO		47.50	26.0	11.7	10.9	15	0.46
EnCana Corporation	ECA	CB	18.49	8.1	11.6	8.6	14	0.28
Cenovus Energy Inc.	CVE		24.84	14.5	11.3	7.5	22	0.94
Woodside Petroleum Ltd.	WOPEY		35.31	9.9	6.9	6.8	15	2.22
Canadian Oil Sands Limited	COSWF	CB	14.99	18.3	12.0	6.2	10	1.23
	<i>Median</i>			<i>14.5</i>	<i>11.6</i>	<i>7.5</i>	<i>15</i>	
<b>Small Cap Independent Producers</b>								
Range Resources	RRC	CB	72.38	11.7	16.2	12.5	57	0.16
Peyto Exploration and Development Corp.	PEYUF		31.11	9.6	11.6	8.9	23	1.06
PDC Energy	PDCE		41.52	15.9	11.6	7.6	93	-
Cimarex Energy Company	XEC	CB	115.88	6.2	8.9	7.5	26	0.64
Continental Resources (32%)	CLR	CB	54.22	11.4	10.6	7.4	18	-
Halcón Resources	HK		3.25	5.7	9.4	7.2	16	-
WPX Energy Inc.	WPX		17.60	8.3	9.1	6.7	-	-
Birchcliff Energy Ltd.	BIREF	CB	8.63	13.4	9.6	6.6	19	-
Whiting Petroleum Corporation	WLL	CB	57.63	7.4	6.7	4.9	21	-
	<i>Median</i>			<i>9.6</i>	<i>9.6</i>	<i>7.4</i>	<i>22</i>	
<b>RTF Cash Payers</b>								
San Juan Basin Royalty Trust	SJT	CB	19.05	10.5	16.9	15.3	16	1.16
Sabine Royalty Trust	SBR		51.60	10.0	17.9	14.4	14	3.58
Dorchester Minerals, L.P.	DMLP	CB	27.05	7.8	15.7	13.3	20	1.69
Mesa RoyaltyTrust	MTR		29.82	6.6	11.0	11.8	14	2.20
Freehold Royalties Ltd.	FRHLF		19.50	5.2	13.8	10.6	22	1.48
Hugoton RoyaltyTrust	HGT		9.79	13.3	14.1	10.6	12	0.80
Cross Timbers Royalty Trust	CRT		26.53	12.2	15.4	9.7	12	2.25
Permian Basin RT	PBT		12.06	9.8	12.9	8.6	13	0.96
Enduro Royalty Trust	NDRO		8.29	8.3	9.7	5.8	15	0.54
	<i>Median</i>			<i>9.8</i>	<i>14.1</i>	<i>10.6</i>	<i>14</i>	

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 September 30, 2015; P/E = Stock Price to Earnings; PV = Present Value of oil and gas and other businesses



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<b>Table 4</b>										
<b>McDep Energy Stocks</b>										
<b>Total Return and Enterprise Value Momentum</b>										
<b>Ranked by EV/200-Day Average</b>										
				Equity						
			Price	Total						
			(\$/sh)	Return	Enterprise Value/					
	Symbol		10-Nov	YTD	52Wk	52Wk	50 Day	200 Day	McDep	
		Rating	2014	(%)	High	Low	Avg.	Avg.	Ratio	
<b>Global Integrated</b>										
	Exxon Mobil Corporation	XOM	CB	96.28	(2)	0.93	1.09	1.01	0.99	0.95
	Chevron Corporation	CVX		117.92	(3)	0.89	1.09	0.99	0.97	0.82
	Royal Dutch Shell plc	RDS-A		70.71	3	0.88	1.06	0.97	0.94	0.80
	Total S.A.	TOT		58.20	(1)	0.84	1.06	0.97	0.92	0.79
	Lukoil Oil Company	LUKOY	CB	46.90	(24)	0.76	1.02	0.93	0.88	0.39
	<i>Median</i>				(2)	0.88	1.06	0.97	0.94	0.80
<b>U.S. Independent</b>										
	EOG Resources, Inc.	EOG		98.50	18	0.84	1.23	1.01	0.97	0.91
	ConocoPhillips	COP		71.60	5	0.86	1.10	0.97	0.96	0.78
	Devon Energy Corporation	DVN	CB	64.21	5	0.87	1.11	0.99	0.95	0.75
	Marathon Oil Corporation	MRO	CB	33.25	(4)	0.85	1.04	0.93	0.93	0.74
	Occidental Petroleum Corp.	OXY		87.93	(5)	0.85	1.06	0.95	0.92	0.76
	<i>Median</i>				5	0.85	1.10	0.97	0.95	0.76
<b>Canada/Australia</b>										
	Imperial Oil Limited (30%)	IMO		47.50	8	0.90	1.14	0.99	0.99	0.93
	Woodside Petroleum Ltd.	WOPEY		35.31	8	0.87	1.08	0.98	0.96	0.98
	EnCana Corporation	ECA	CB	18.49	3	0.83	1.04	0.94	0.92	0.74
	Cenovus Energy Inc.	CVE		24.84	(11)	0.81	1.07	0.95	0.90	0.66
	Canadian Oil Sands Limited	COSWF	CB	14.99	(16)	0.72	1.05	0.88	0.80	0.51
	<i>Median</i>				3	0.83	1.07	0.95	0.92	0.74
<b>Small Cap Independent Producers</b>										
	Peyto Exploration and Development	PEYUF		31.11	4	0.83	1.13	1.00	0.94	0.77
	Cimarex Energy Company	XEC	CB	115.88	11	0.80	1.21	0.96	0.94	0.85
	Range Resources	RRC	CB	72.38	(14)	0.80	1.13	1.03	0.91	0.77
	WPX Energy Inc.	WPX		17.60	(14)	0.76	1.06	0.87	0.90	0.74
	Halcón Resources	HK		3.25	(16)	0.74	1.08	0.95	0.88	0.77
	Birchcliff Energy Ltd.	BIREF	CB	8.63	26	0.70	1.20	0.94	0.87	0.69
	Continental Resources (32%)	CLR	CB	54.22	(4)	0.73	1.08	0.88	0.85	0.70
	Whiting Petroleum Corporation	WLL	CB	57.63	(7)	0.70	1.06	0.86	0.84	0.72
	PDC Energy	PDCE		41.52	(22)	0.69	1.09	0.90	0.81	0.66
	<i>Median</i>				(7)	0.74	1.09	0.94	0.88	0.74
<b>RTF Cash Payers</b>										
	Mesa RoyaltyTrust	MTR		29.82	57	0.80	1.50	0.96	1.05	1.07
	San Juan Basin Royalty Trust	SJT	CB	19.05	21	0.94	1.21	1.04	1.04	0.91
	Hugoton RoyaltyTrust	HGT		9.79	44	0.81	1.40	1.07	1.03	0.75
	Sabine Royalty Trust	SBR		51.60	9	0.81	1.13	0.97	0.95	0.81
	Dorchester Minerals, L.P.	DMLP	CB	27.05	11	0.76	1.13	0.92	0.94	0.85
	Freehold Royalties Ltd.	FRHLF		19.50	(1)	0.77	1.10	0.96	0.90	0.77
	Permian Basin RT	PBT		12.06	0	0.79	1.08	0.92	0.89	0.67
	Cross Timbers Royalty Trust	CRT		26.53	(3)	0.70	1.07	0.90	0.84	0.63
	Enduro Royalty Trust	NDRO		8.29	(28)	0.57	1.04	0.77	0.67	0.59
	<i>Median</i>				9	0.79	1.13	0.96	0.94	0.77

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

Source: Bloomberg, Yahoo, McDep LLC



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<b>Index of Recent Research</b>			
<b>Stock Ideas</b>			
<u>Date</u>	<u>Symbol</u>	<u>Subject</u>	<u>Theme</u>
4-Nov	CRC	California Resources Corporation	Pure Play Largest California Producer (Meter Reader)
28-Oct	CVE	Cenovus Energy	Same Stock Price, Twice the Production (Meter Reader)
21-Oct	TOT	Total	Chief Executive Dies
21-Oct	XEC	Cimarex Energy	Strong Independent Producer (Meter Reader)
14-Oct	DVN	Devon Energy	Rebalance Candidate (Meter Reader)
7-Oct	ECA	Encana Corporation	Suttles' Stamp (Meter Reader)
23-Sep	CLR	Continental Resources	Raise NPV to \$85 on 29% Growth (Meter Reader)
16-Sep	RDSA	Royal Dutch Shell plc	Ben's Growth Strategy (Meter Reader)
9-Sep	EOG	EOG Resources	Mr. Shale (Meter Reader)
2-Sep	LUKOY	Lukoil	Oil under Uncertainty (Meter Reader)
26-Aug	SJT	San Juan Basin Royalty Trust	Income and Shale (Meter Reader)
14-Aug	BIREF	Birchcliff Energy	Healthy Volume, Seasonal Price
8-Aug	DMLP	Dorchester Minerals, L.P.	Robust Bakken and Permian Oil Growth
5-Aug	XOM	Exxon Mobil	Shale Oil Minerals (Meter Reader)
30-Jul	RRC	Range Resources	Transportation and Processing Lagging Fraccing
22-Jul	MRO	Marathon Oil	Frac Shale Oil, Sell Norway (Meter Reader)
15-Jul	WLL	Whiting Petroleum	Agrees to Acquire Kodiak Oil & Gas (Meter Reader)
1-Jul	COSWF	Canadian Oil Sands Ltd.	Returning to Favor (Meter Reader)
24-Jun	FRHLF	Freehold Royalties Ltd	Raise NPV to \$26 on Minerals (Meter Reader)
17-Jun	PEYUF	Peyto Exploration	Raise NPV to \$42 on More Energy Growth (Meter Reader)
10-Jun	OXY	Occidental Petroleum	Raise NPV to \$120, Spinoff Filed (Meter Reader)
27-May	CVX	Chevron	Oil Price Turns Up (Meter Reader)
23-Apr	HGT	Hugoton Royalty Trust	Positive Arbitration Ruling
21-Apr	MTR	Mesa Royalty Trust	Underpayment Uncovered, Upside Commodity Leverage
15-Apr	COP	ConocoPhillips	Shale Upside, Exploration Promise, Dividend Strength (Meter Reader)
18-Mar	PBT	Permian Basin Royalty Trust	Rising Oil Production, Understated Income (Meter Reader)
21-Feb	PDCE	PDC Energy	Raise NPV to \$75 on More Shale Oil
4-Oct	NDRO	Enduro Royalty Trust	Worth Another Look after Stock Price Decline
For historical research by stock, go to <a href="http://mcdep.com">mcdep.com</a> , click on <a href="#">Stock Ideas</a> , click on stock by name.			
<b>Meter Reader</b>			
4-Nov	CRC	California Resources Corporation	Pure Play Largest California Producer
28-Oct	CVE	Cenovus Energy	Same Stock Price, Twice the Production
21-Oct	XEC	Cimarex Energy	Strong Independent Producer
14-Oct	DVN	Devon Energy	Rebalance Candidate
7-Oct	ECA	Encana Corporation	Suttles' Stamp
30-Sep		RTF (Royalty Trust Fund)	Current Income and Future Fraccing
23-Sep	CLR	Continental Resources	Raise NPV to \$85 on 29% Growth
16-Sep	RDSA	Royal Dutch Shell plc	Ben's Growth Strategy
9-Sep	EOG	EOG Resources	Mr. Shale
2-Sep	LUKOY	Lukoil	Oil under Uncertainty
26-Aug	SJT	San Juan Basin Royalty Trust	Income and Shale
19-Aug	TOT	Total	Diversified Political Risk
12-Aug	CLR	Continental Resources	Raise NPV to \$150 on Fraccing Growth
29-Jul			Investment Strategy August 2014 - Oil and Gas in Safe Areas
For earlier editions, go to <a href="http://mcdep.com">mcdep.com</a> , click on <a href="#">Meter Reader</a> .			
<b>Industry Ideas</b>			
30-Sep		RTF (Royalty Trust Fund)	Current Income and Future Fraccing
July			Oil and Gas Investor: In Royalty We Trust

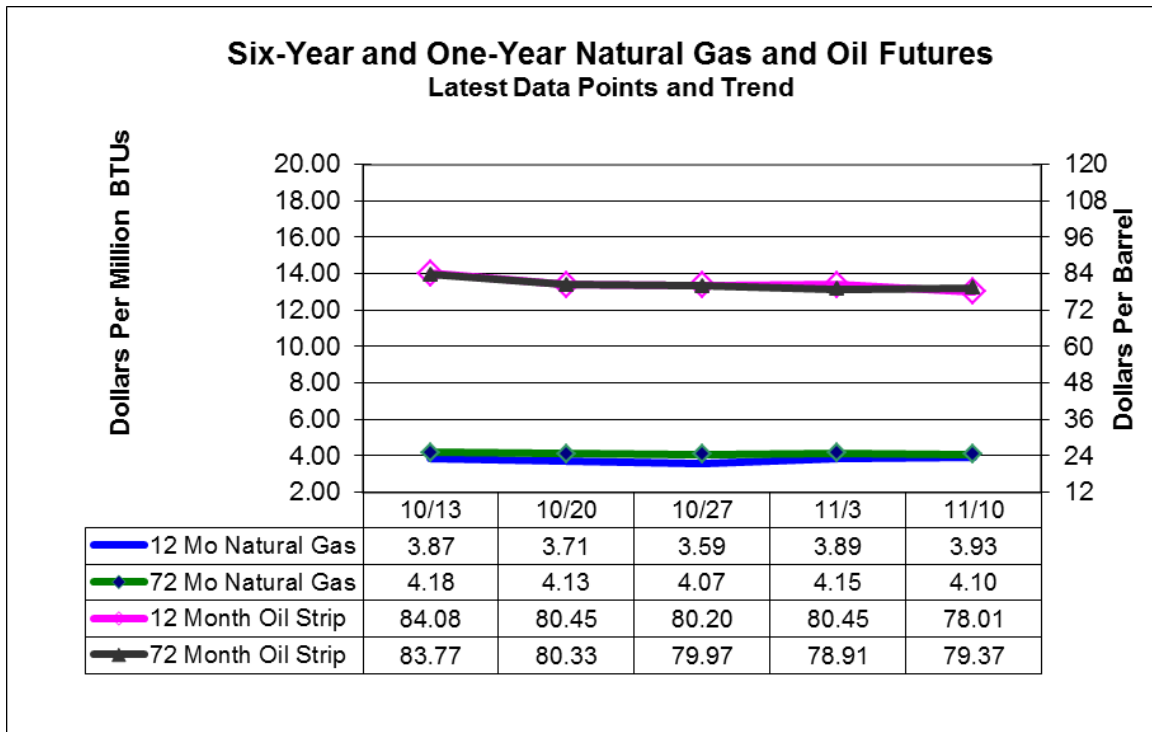




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