

## Fracking Investment Strategy

### Summary and Recommendation

Each of our conclusions and recommendations of investment strategy for 2014 and thereafter is influenced by the disruptive technology of horizontal multi-stage hydraulic fracturing of oil and gas wells a.k.a. fracking. The disruption of natural gas is proceeding from initial surplus to long-term benefit domestically, and then globally, as the U.S. may be a net exporter by 2018. The disruption of oil may turn the U.S. into a net exporter by 2020, but more likely within a few years after 2020. The fracking innovation is likely to help the U.S. economy outperform developed countries.

Our direct investment interest extends across five groups of oil and gas producers. Thirteen stocks are Buys or Contrarian Buys. Most of the remaining twenty stocks have low McDep Ratios and low debt, the characteristics we like for new commitments. Stocks with those qualities, including large caps formerly rated Hold, could complement or substitute for Buys

Putting our conviction in a broader context, we suggest that oil and gas stocks could prudently account for a third of a diversified portfolio of an investor who believes in the industry. Not just for diversification, but for performance as fracking beneficiaries, we suggest another third in broad market equities. A conservative investor may wish to place the remaining third in the protective investments of cash and short or intermediate duration high quality bonds. Finally, a more imaginative investor might substitute Buy-recommended **ExxonMobil (XOM)** for portions of lower credits, like the U.S. government, in the protective third of the portfolio.

### Oil Price Stable, Natural Gas Price Rising Gradually

As the ultimate measure of fundamental expectations, we expect long-term oil price to be \$90 a barrel before adjustment for inflation. Incorporated in estimated Net Present Value to help determine McDep Ratios, that price was reduced from \$100 in June 2013. We expect long-term natural gas price to be \$6 a million btu before adjustment for inflation. That price was reduced from \$8 in December 2011.

Natural gas price has been strengthening seasonally and there is an outside chance it could hit \$6 in the next few months depending on weather. Meanwhile the competitive equivalent of oil, by which liquefied natural gas is priced in Asia, is upwards of \$15 a million btu. After allowing perhaps \$6 for liquefaction and transportation, the North

American netback would indicate a North American natural gas price of \$9, presuming ample supply and export capacity.

## **Fracking Stimulates Economic Growth**

Changing the energy outlook from high prices and shortages to low prices and indigenous abundance can be transformational for economic activity. Believing the economy to be represented in the stock market, we think fracking supports investment beyond oil and gas.

Politically, we hope the economic benefits of fracking will put to rest the “oil is a tax” anti-industry bias so often expressed. We are further hopeful that the benefits of fracking will keep unfulfilled any political campaign pledges to put discriminatory taxes on oil and gas and ExxonMobil in particular. At the same time, the surprisingly low price for natural gas as a result of fracking lays to waste most of the environmental arguments for less desirable alternatives, thus potentially freeing up economic resources from misdirected subsidies.

## **Invest Across Five Oil and Gas Producer Sectors**

The leading fracking innovators to be found primarily among are the U.S. Independents and the Small Cap Independents have understandably been among the best performing oil and gas stocks (see [Tables 1-4](#) on pages 4-8). Small Cap Independents returned a median 34% year to date and large cap U.S. Independents, 25% (see [Table 4](#)). Measured by median McDep Ratio, SCI at 0.83 may be slightly less undervalued than the group median at 0.78 (see [Tables 1 and 2](#)). Among the lagging non U.S. stocks, a turnaround appears to be brewing in Buy-recommended **Encana (ECA)**, the Canadian fracker with a new chief executive and highest large cap exposure to potential seasonal natural gas price strength.

## **Invest Globally Outside of Oil and Gas**

To present a complete picture we suggest that starting global stock market participation could be obtained in exchange traded funds. For example, VTI is the symbol for an ETF that represents the total U.S. stock market. VEA is the symbol for an ETF that represents developed markets outside the U.S. and Canada. VWO is the symbol for an ETF that represents stocks in emerging markets. Expert investors may be able to improve on the performance of those funds, up 30%, up 18% and down 5% respectively in 2013, according to Bloomberg.

## **Protect Against Extremes of Deflation and Inflation**

Traditionally, bonds and cash protected a portfolio by moderating declines when they occurred in equity prices while providing a modest return in addition. The stability is still valuable, but the modest return is missing in cash and shorter term bonds. Longer term bonds and lower credit quality provide more apparent return for assuming more price risk thereby defeating the purpose of the protection segment of the portfolio. At the same time government securities that were traditionally the lowest risk are deteriorating in credit quality with ballooning debt and high deficits. Our alternative for dealing with the declining attractiveness of the securities normally used for protection is to substitute **XOM** stock for some of the cash or bonds.

Finally, a continuing allocation to gold makes sense to us for protection against inflation. Though our government says inflation is almost non-existent today, we want protection, just in case. Inflation could reappear practically overnight in the event of a loss of investor confidence in the dollar.

## **Allocation for Growth and Protection**

We propose a diversified portfolio allocation concentrated 35% on oil and gas stocks, 35% on broader market stocks and 30% on protective investments for long-term growth with inflation protection and deflation resistance (see table [McDep Portfolio](#) on page 3).

Kurt H. Wulff, CFA



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A Weekly Analysis of Oil and Gas Stocks

December 10, 2013

<b>McDep Diversified Portfolio Allocation</b>			
			<i>Percent</i>
<b><u>Growth</u></b>			
Oil and Gas Stocks			
	Global Integrated	12	
	U.S. Large Cap Independent	6	
	Canada/Australia	5	
	Small Cap Independent	6	
	Royalty Trusts	6	
	Total Oil and Gas Stocks		35
Broader Market			
	U.S. Total Stock Market	25	
	Overseas Developed Market	6	
	Emerging Market	4	
	Total Broader Market Stocks		35
	Total Growth		70
<b><u>Protection</u></b>			
	Bonds		15
	Cash		10
	Gold		5
	Total Protection		30



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Table 1											
McDep Energy Stocks											
Enterprise Value, Segments, Yield and McDep Ratio											
Symbol/Rating	9-Dec	Price (US\$/sh)	EV/ Market	Enterprise Value	Present Value by Segment (%)					Dist. Yield	McDep
					Natural Gas	Natural Gas	Oil Prod'n	Down- stream	NTM (%)		
B = Buy, CB (see below)											
<b>Global Integrated</b>											
Exxon Mobil Corporation	XOM	B	95.84	1.20	507,000	7	19	54	20	2.6	0.95
Chevron Corporation	CVX		123.34	1.17	277,000	4	11	72	13	3.2	0.84
Total S.A.	TOT		58.26	1.35	179,000		22	61	17	5.6	0.78
Royal Dutch Shell plc	RDS-A		67.96	1.35	289,000	4	21	55	19	5.3	0.74
Lukoil Oil Company	LUKOY	CB	61.15	1.05	49,700			74	26	5.0	0.46
<i>Total or Median</i>				<i>1.20</i>	<i>1,302,000</i>			<i>61</i>	<i>19</i>	<i>5.0</i>	<i>0.78</i>
<b>U.S. Independent</b>											
EOG Resources, Inc.	EOG		158.14	1.15	49,800	22	4	75		0.5	0.89
Occidental Petroleum Corp.	OXY		93.14	1.13	84,700	9	1	79	11	2.7	0.88
Marathon Oil Corporation	MRO	B	36.41	1.42	36,900	7	4	89		2.1	0.79
ConocoPhillips	COP		70.44	1.40	120,000	15	15	71		3.9	0.77
Devon Energy Corporation	DVN	B	60.70	1.41	34,900	45		55		1.4	0.69
<i>Total or Median</i>				<i>1.40</i>	<i>326,000</i>	<i>15</i>		<i>75</i>		<i>2.1</i>	<i>0.79</i>
<b>Canada/Australia</b>											
Woodside Petroleum Ltd.	WOPEY		33.99	1.18	33,000		69	31		4.9	0.95
Imperial Oil Limited (30%)	IMO		43.76	1.29	14,400	2		79	18	1.1	0.87
Cenovus Energy Inc.	CVE		29.51	1.32	29,400	9		75	15	3.1	0.76
EnCana Corporation	ECA	B	19.29	1.61	22,800	80		20		1.5	0.74
Canadian Oil Sands Limited	COSWF	CB	18.87	1.27	11,600			100		7.0	0.61
<i>Total or Median</i>				<i>1.29</i>	<i>111,000</i>			<i>75</i>		<i>3.1</i>	<i>0.76</i>
<b>Small Cap Independent Producers</b>											
PDC Energy	PDCE		57.17	1.29	2,700	32		68		-	1.20
Range Resources	RRC	B	82.08	1.27	16,800	72		28		0.2	0.93
Peyto Exploration and Develop	PEYUF		30.62	1.18	5,400	81		19		2.2	0.91
Continental Resources (32%)	CLR	B	102.26	1.25	7,600	16		84		-	0.88
Whiting Petroleum Corporation	WLL	B	58.22	1.39	9,700	8		92		-	0.83
WPX Energy Inc.	WPX		18.55	1.65	6,100	68		32		-	0.80
Halcón Resources	HK		4.02	2.82	5,200	8		92		-	0.79
Cimarex Energy Company	XEC	B	94.57	1.17	9,700	41		59		0.6	0.79
Birchcliff Energy Ltd.	BIREF	CB	7.10	1.47	1,700	69		31		-	0.68
<i>Total or Median</i>				<i>1.29</i>	<i>65,000</i>	<i>41</i>		<i>59</i>		<i>-</i>	<i>0.83</i>
<b>RTF Cash Payers</b>											
Freehold Royalties Ltd.	FRHLF		20.99	1.04	1,470	23		77		7.5	1.00
Dorchester Minerals, L.P.	DMLP	B	24.54	1.00	750	51		49		8.0	0.94
San Juan Basin Royalty Trust	SJT	B	17.27	1.00	810	100		-		6.6	0.82
Sabine Royalty Trust	SBR		51.21	1.00	750	52		48		8.3	0.80
Permian Basin RT	PBT		13.58	1.00	630	19		81		7.6	0.75
Enduro Royalty Trust	NDRO		12.65	1.00	420	48		52		11.6	0.74
Cross Timbers Royalty Trust	CRT		29.32	1.00	180	70		30		9.3	0.70
Mesa Royalty Trust	MTR		20.65	1.00	40	75		25		8.9	0.68
Hugoton Royalty Trust	HGT		7.10	1.00	280	90		10		12.8	0.59
<i>Total or Median</i>				<i>1.00</i>	<i>5,300</i>					<i>8.3</i>	<i>0.75</i>

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>9-Dec 2013</i>	<i>(mm)</i>				
	<i>B = Buy, CB (see below)</i>							
<b>Global Integrated</b>								
Exxon Mobil Corporation	XOM	B	95.84	4,395	421,000	102.00	0.16	0.95
Chevron Corporation	CVX		123.34	1,930	238,000	150.00	0.12	0.84
Total S.A.	TOT		58.26	2,275	133,000	80.00	0.20	0.78
Royal Dutch Shell plc	RDS-A		67.96	3,137	213,000	100.00	0.19	0.74
Lukoil Oil Company	LUKOY	CB	61.15	776	47,500	135.00	0.02	0.46
	<i>Total or Median</i>				<i>1,053,000</i>		<i>0.16</i>	<i>0.78</i>
<b>U.S. Independent</b>								
EOG Resources, Inc.	EOG		158.14	274	43,300	180.00	0.12	0.89
Occidental Petroleum Corp.	OXY		93.14	806	75,100	108.00	0.10	0.88
Marathon Oil Corporation	MRO	B	36.41	711	25,890	50.00	0.24	0.79
ConocoPhillips	COP		70.44	1,219	86,000	100.00	0.22	0.77
Devon Energy Corporation	DVN	B	60.70	407	24,700	100.00	0.20	0.69
	<i>Total or Median</i>				<i>255,000</i>		<i>0.20</i>	<i>0.79</i>
<b>Canada/Australia</b>								
Woodside Petroleum Ltd.	WOPEY		33.99	823	28,000	36.00	0.14	0.95
Imperial Oil Limited (30%)	IMO		43.76	255	11,200	52.00	0.19	0.87
Cenovus Energy Inc.	CVE		29.51	757	22,300	42.00	0.18	0.76
EnCana Corporation	ECA	B	19.29	736	14,200	30.00	0.28	0.74
Canadian Oil Sands Limited	COSWF	CB	18.87	485	9,200	34.00	0.13	0.61
	<i>Total or Median</i>				<i>85,000</i>		<i>0.18</i>	<i>0.76</i>
<b>Small Cap Independent Producers</b>								
PDC Energy	PDCE		57.17	36	2,100	45.00	0.27	1.20
Range Resources	RRC	B	82.08	161	13,200	90.00	0.20	0.93
Peyto Exploration and Development Corp.	PEYUF		30.62	149	4,600	34.00	0.14	0.91
Continental Resources (32%)	CLR	B	102.26	59	6,100	120.00	0.18	0.88
Whiting Petroleum Corporation	WLL	B	58.22	120	7,000	75.00	0.23	0.83
WPX Energy Inc.	WPX		18.55	201	3,700	26.00	0.32	0.80
Halcón Resources	HK		4.02	463	1,900	7.00	0.51	0.79
Cimarex Energy Company	XEC	B	94.57	87	8,200	125.00	0.12	0.79
Birchcliff Energy Ltd.	BIREF	CB	7.10	163	1,200	12.00	0.22	0.68
	<i>Total or Median</i>				<i>48,000</i>		<i>0.22</i>	<i>0.83</i>
<b>RTF Cash Payers</b>								
Freehold Royalties Ltd.	FRHLF		20.99	67	1,410	21.00	0.04	1.00
Dorchester Minerals, L.P.	DMLP	B	24.54	31	750	26.00	-	0.94
San Juan Basin Royalty Trust	SJT	B	17.27	47	810	21.00	-	0.82
Sabine Royalty Trust	SBR		51.21	15	750	64.00	-	0.80
Permian Basin RT	PBT		13.58	47	630	18.00	-	0.75
Enduro Royalty Trust	NDRO		12.65	33	420	17.00	-	0.74
Cross Timbers Royalty Trust	CRT		29.32	6	180	42.00	-	0.70
Mesa Royalty Trust	MTR		20.65	2	40	30.00	-	0.68
Hugoton Royalty Trust	HGT		7.10	40	280	12.00	-	0.59
	<i>Total or Median</i>				<i>5,300</i>		<i>-</i>	<i>0.75</i>

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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Table 3								
McDep Energy Stocks								
Value Multiples and Dividend								
Ranked by EV/Ebitda								
			Price (US\$/sh)	Adjustd Resrvs/ Prod	PV/ Ebitda	EV/ Ebitda	Dividend	
	Symbol/Rating		9-Dec 2013	NTM	NTM	NTM	NTM	
	B = Buy, CB (see below)						(\$/sh)	
<b>Global Integrated</b>								
Exxon Mobil Corporation	XOM	B	95.84	13.1	7.4	7.0	12	2.52
Chevron Corporation	CVX		123.34	9.2	6.5	5.5	11	4.00
Royal Dutch Shell plc	RDS-A		67.96	10.0	7.0	5.2	10	3.60
Total S.A.	TOT		58.26	9.8	6.1	4.8	9	3.24
Lukoil Oil Company	LUKOY	CB	61.15	15.7	5.6	2.6	5	3.05
	<i>Median</i>			<i>10.0</i>	<i>6.5</i>	<i>5.2</i>	<i>10</i>	
<b>U.S. Independent</b>								
ConocoPhillips	COP		70.44	11.4	8.2	6.3	13	0.75
Occidental Petroleum Corp.	OXY		93.14	10.2	7.1	6.2	15	2.76
EOG Resources, Inc.	EOG		158.14	7.1	6.6	5.9	18	2.56
Devon Energy Corporation	DVN	B	60.70	10.1	8.3	5.7	14	0.76
Marathon Oil Corporation	MRO	B	36.41	9.3	7.0	5.5	13	0.88
	<i>Median</i>			<i>10.1</i>	<i>7.1</i>	<i>5.9</i>	<i>14</i>	
<b>Canada/Australia</b>								
EnCana Corporation	ECA	B	19.29	7.0	11.4	8.4	13	0.91
Imperial Oil Limited (30%)	IMO		43.76	19.9	9.5	8.3	11	0.49
Woodside Petroleum Ltd.	WOPEY		33.99	9.6	8.3	7.9	16	1.66
Cenovus Energy Inc.	CVE		29.51	12.3	7.8	5.9	15	0.28
Canadian Oil Sands Limited	COSWF	CB	18.87	19.9	9.6	5.9	9	1.32
	<i>Median</i>			<i>12.3</i>	<i>9.5</i>	<i>7.9</i>	<i>13</i>	
<b>Small Cap Independent Producers</b>								
Range Resources	RRC	B	82.08	12.3	14.1	13.1	55	0.16
PDC Energy	PDCE		57.17	14.9	9.5	11.4	59	-
Peyto Exploration and Development Corp.	PEYUF		30.62	8.5	10.4	9.5	19	0.68
Birchcliff Energy Ltd.	BIREF	CB	7.10	17.8	11.6	7.9	18	-
WPX Energy Inc.	WPX		18.55	8.0	9.7	7.8	-	-
Halcón Resources	HK		4.02	5.3	9.3	7.3	9	-
Continental Resources (32%)	CLR	B	102.26	11.4	7.7	6.8	15	-
Cimarex Energy Company	XEC	B	94.57	7.2	7.6	6.0	13	0.56
Whiting Petroleum Corporation	WLL	B	58.22	8.1	5.7	4.7	12	-
	<i>Median</i>			<i>8.5</i>	<i>9.5</i>	<i>7.8</i>	<i>17</i>	
<b>RTF Cash Payers</b>								
San Juan Basin Royalty Trust	SJT	B	17.27	10.0	14.8	12.2	15	1.13
Sabine Royalty Trust	SBR		51.21	9.2	15.1	12.1	12	4.25
Freehold Royalties Ltd.	FRHLF		20.99	4.8	10.4	10.4	23	1.58
Dorchester Minerals, L.P.	DMLP	B	24.54	6.9	10.7	10.1	16	1.95
Cross Timbers Royalty Trust	CRT		29.32	12.3	14.1	9.9	11	2.72
Mesa RoyaltyTrust	MTR		20.65	5.2	13.3	9.0	11	1.84
Permian Basin RT	PBT		13.58	12.7	10.8	8.1	13	1.03
Enduro Royalty Trust	NDRO		12.65	6.4	10.2	7.6	9	1.47
Hugoton RoyaltyTrust	HGT		7.10	12.8	11.3	6.7	8	0.91
	<i>Median</i>			<i>9.2</i>	<i>11.3</i>	<i>9.9</i>	<i>12</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 December 31, 2014; 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>									
			Price	Equity					
			(\$/sh)	Total					
	Symbol		9-Dec	Return	Enterprise Value/				McDep
	Rating		2013	YTD	52Wk	52Wk	50 Day	200 Day	Ratio
				(%)	High	Low	Avg.	Avg.	
<b>Global Integrated</b>									
Total S.A.	TOT		58.26	17	0.95	1.19	0.98	1.07	0.78
Exxon Mobil Corporation	XOM	B	95.84	14	1.00	1.11	1.05	1.05	0.95
Royal Dutch Shell plc	RDS-A		67.96	4	0.95	1.06	1.02	1.02	0.74
Chevron Corporation	CVX		123.34	18	0.97	1.14	1.02	1.02	0.84
Lukoil Oil Company	LUKOY	CB	61.15	(5)	0.91	1.12	0.96	0.99	0.46
	<i>Median</i>			14	0.95	1.12	1.02	1.02	0.78
<b>U.S. Independent</b>									
EOG Resources, Inc.	EOG		158.14	31	0.86	1.34	0.92	1.06	0.89
ConocoPhillips	COP		70.44	27	0.96	1.17	0.98	1.05	0.77
Devon Energy Corporation	DVN	B	60.70	18	0.93	1.13	0.99	1.04	0.69
Occidental Petroleum Corp.	OXY		93.14	25	0.94	1.21	0.97	1.03	0.88
Marathon Oil Corporation	MRO	B	36.41	21	0.97	1.15	1.01	1.03	0.79
	<i>Median</i>			25	0.94	1.17	0.98	1.04	0.79
<b>Canada/Australia</b>									
Imperial Oil Limited (30%)	IMO		43.76	3	0.97	1.13	1.00	1.04	0.87
EnCana Corporation	ECA	B	19.29	1	0.93	1.10	1.04	1.04	0.74
Cenovus Energy Inc.	CVE		29.51	(10)	0.88	1.06	1.00	0.99	0.76
Canadian Oil Sands Limited	COSWF	CB	18.87	(1)	0.89	1.04	0.98	0.97	0.61
Woodside Petroleum Ltd.	WOPEY		33.99	1	0.87	1.08	0.95	0.96	0.95
	<i>Median</i>			1	0.89	1.08	1.00	0.99	0.76
<b>Small Cap Independent Producers</b>									
Cimarex Energy Company	XEC	B	94.57	66	0.86	1.54	0.94	1.13	0.79
Whiting Petroleum Corporation	WLL	B	58.22	34	0.87	1.26	0.94	1.07	0.83
Continental Resources (32%)	CLR	B	102.26	40	0.87	1.33	0.92	1.06	0.88
Peyto Exploration and Development	PEYUF		30.62	36	0.97	1.31	1.03	1.06	0.91
Range Resources	RRC	B	82.08	30	0.97	1.25	1.06	1.05	0.93
PDC Energy	PDCE		57.17	74	0.82	1.54	0.92	1.04	1.20
WPX Energy Inc.	WPX		18.55	24	0.86	1.17	0.95	1.00	0.80
Birchcliff Energy Ltd.	BIREF	CB	7.10	(5)	0.86	1.04	1.01	0.96	0.68
Halcón Resources	HK		4.02	(42)	0.73	1.04	0.94	0.87	0.79
	<i>Median</i>			34	0.86	1.26	0.94	1.05	0.83
<b>RTF Cash Payers</b>									
San Juan Basin Royalty Trust	SJT	B	17.27	35	0.95	1.40	1.06	1.08	0.82
Cross Timbers Royalty Trust	CRT		29.32	17	0.92	1.24	0.99	1.03	0.70
Dorchester Minerals, L.P.	DMLP	B	24.54	30	0.96	1.23	1.01	1.02	0.94
Permian Basin RT	PBT		13.58	18	0.83	1.14	0.94	1.01	0.75
Sabine Royalty Trust	SBR		51.21	38	0.93	1.32	1.00	1.01	0.80
Freehold Royalties Ltd.	FRHLF		20.99	1	0.87	1.02	0.94	0.92	1.00
Mesa RoyaltyTrust	MTR		20.65	15	0.79	1.09	0.94	0.89	0.68
Hugoton RoyaltyTrust	HGT		7.10	7	0.71	1.02	0.98	0.86	0.59
Enduro Royalty Trust	NDRO		12.65	(18)	0.70	1.07	1.00	0.84	0.74
	<i>Median</i>			17	0.87	1.14	0.99	1.01	0.75

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

Source: Bloomberg, Yahoo, McDep LLC





# Meter Reader

A Weekly Analysis of Oil and Gas Stocks

December 10, 2013

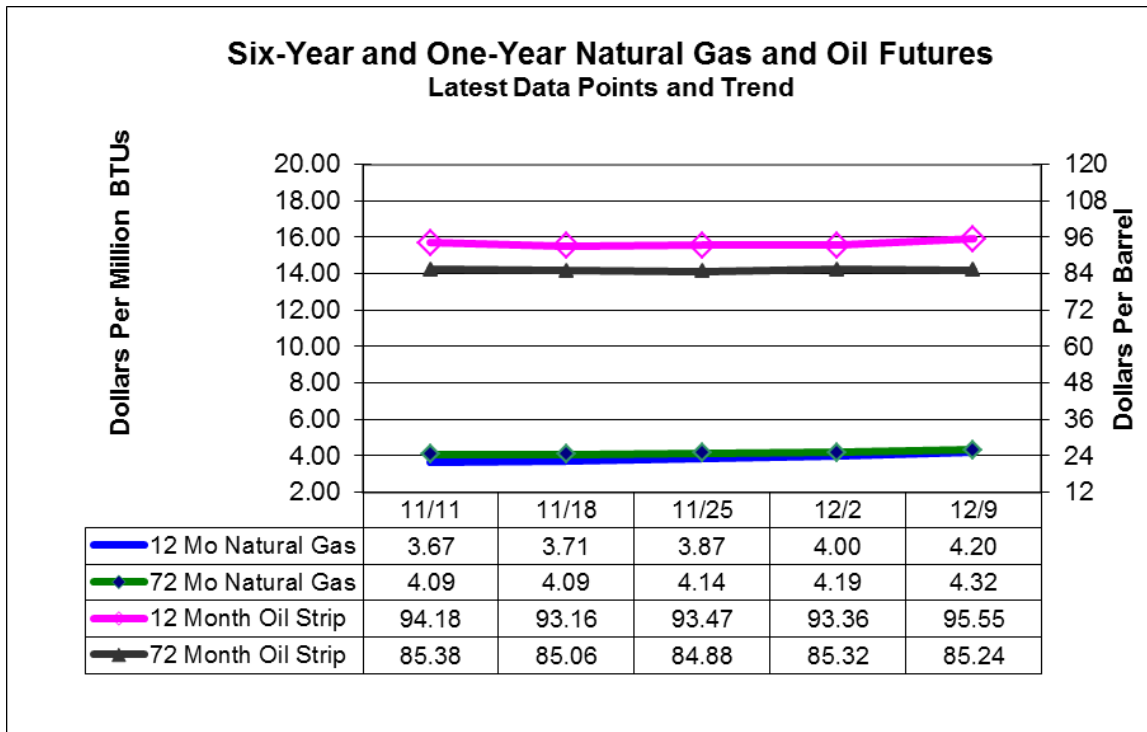
<b>Index of Recent Research</b>			
<b>Stock Ideas</b>			
<u>Date</u>	<u>Symbol</u>	<u>Subject</u>	<u>Theme</u>
3-Dec	LUKOY	Lukoil	Low McDep Ratio Emerging Market Stock (Meter Reader)
26-Nov	DVN	Devon Energy	Acquires \$6 Billion Eagle Ford Position (Meter Reader)
19-Nov	CLR	Continental Resources	High Density "Ears Back" Drilling Pace (Meter Reader)
15-Nov	BIREF	Birchcliff Energy	15% a Year Growth to 2018
12-Nov	XEC	Cimarex Energy	Raise NPV to \$125 on Permian Productivity (Meter Reader)
8-Nov	DMLP	Dorchester Minerals, L.P.	Oil up 6% a Quarter
5-Nov	COSWF	Canadian Oil Sands Ltd.	Time to Explore New Options (Meter Reader)
31-Oct	RRC	Range Resources	Core Owner in Largest Producing Field
29-Oct	WLL	Whiting Petroleum	Fracking Productivity Leaps 50% (Meter Reader)
25-Oct	ECA	Encana Corporation	San Juan Oil Upgraded to Commercial from Emerging
4-Oct	NDRO	Enduro Royalty Trust	Worth Another Look after Stock Price Decline
27-Sep	WPX	WPX Energy	San Juan Basin Innovator (Income and Small Cap Weekly)
24-Sep	XOM	Exxon Mobil	Fracking Firms Long-Term Value (Meter Reader)
17-Sep	COP	ConocoPhillips	Fracking Upside in Eagle Ford, Bakken and Permian (Meter Reader)
13-Sep	CRT	Cross Timbers Royalty Trust	Fracking Upside in Permian and Scoop (Income and Small Cap Weekly)
10-Sep	OXY	Occidental Petroleum	Permian Late Bloomer (Meter Reader)
6-Aug	RDSA	Royal Dutch Shell plc	Value Choice after Latest Results (Meter Reader)
23-Jul	WOPEY	Woodside Petroleum, Ltd.	Distributing LNG Cash (Meter Reader)
19-Jul	SJT	San Juan Basin Royalty Trust	Acreage 75% in Liquids-Rich Shale Zone (Income and Small Cap Weekly)
12-Jul	PBT	Permian Basin Royalty Trust	Stock Price Recovering from Short-Term Overreaction
9-Jul	MRO	Marathon Oil	Bakken Strengthens (Meter Reader)
5-Jul	LINE	Linn Energy	Stock Undervalued while SEC Probes (Income and Small Stock Weekly)
31-May	HGT	Hugoton Royalty Trust	Beating the Bear (Income and Small Cap Weekly)
14-May	EOG	EOG Resources	Raise NPV to \$180 on More Big Wells (Meter Reader)
30-Apr	TOT	Total	Recovery Potential (Meter Reader)
19-Apr	HK	Halcón Resources	Fourth Core Area - El Halcón ("The Hawk") (Inc. and Small Cap Wkly)
16-Apr	CVX	Chevron	Deflation Resistance (Meter Reader)
12-Apr	MTR	Mesa Royalty Trust	RTF Stealth Play on Long-Life Natural Gas (Income and Small Cap Wkly)
5-Apr	SBR	Sabine Royalty Trust	Accelerating Volume Growth (Income and Small Cap Weekly)
28-Mar	PEYUF	Peyto Exploration and Development	Raise NPV to \$32 for Fracking Winner (Income and Small Cap Weekly)
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.			
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<b>Income and Small Cap Weekly</b> (merged into <b>Meter Reader</b> 10/1/13)			
<b>Industry Ideas</b>			
13-Nov		McDep Book Review	<i>The Frackers</i> by Gregory Zuckerman
22-Oct		RTF Cash Payers	Oil Rising



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