

California Resources Corporation (CRC) Pure Play Largest California Producer

<i>Symbol</i>	CRC	<i>Ebitda Next Twelve Months ending 9/30/15 (US\$m)</i>	2,289
<i>Rating</i>		<i>North American Natural Gas/Ebitda (%)</i>	10
<i>Price (\$/sh) - trading starts 11/13/14</i>	26.00 E	<i>Natural Gas and Oil Production/Ebitda (%)</i>	100
<i>Pricing Date</i>	11/3/14	<i>Adjusted Reserves/Production NTM</i>	10.2
<i>Shares (mm)</i>	387	<i>EV/Ebitda</i>	7.1
<i>Market Capitalization (\$mm)</i>	10,100	<i>PV/Ebitda</i>	9.5
<i>Debt (\$mm)</i>	6,300	<i>Undeveloped Reserves (%)</i>	31
<i>Enterprise Value (EV) (\$mm)</i>	16,400	<i>Natural Gas and Oil Ebitda (\$/boe)</i>	37.30
<i>Present Value (PV) (\$mm)</i>	21,800	<i>Present Value Proven Reserves(\$/boe)</i>	29.31
<i>Net Present Value (\$/share)</i>	40	<i>Oil and Gas Ebitda Margin (%)</i>	62
<i>Debt/Present Value</i>	0.29	<i>Earnings Next Twelve Months (US\$/sh)</i>	1.66
<i>McDep Ratio - EV/PV</i>	0.75	<i>Price/Earnings Next Twelve Months</i>	16
<i>Dividend Yield (%/year)</i>	0.2	<i>Indicated Annual Dividend (US\$/sh)</i>	0.04
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\$90 a barrel and natural gas, \$6 a million btu.			

Summary and Recommendation

Shares start trading “when-issued” on November 13 in new company **California Resources Corporation (CRC)**, which offer a pure play on untapped oil and gas in California. If the stock were to trade near \$26 a share it would be in line with other attractive oil and gas producer investments (see [Tables 1-4](#) on pages 4-7). Shareholders of large cap independent producer **Occidental Petroleum (OXY)** will receive 0.4 share of CRC for each share of OXY. Overtaking **Chevron (CVX)** as the largest producer in California, CRC will reinvest its cash flow mostly in the San Joaquin Basin and spread it over primary, water flood, steam flood and unconventional (shale) projects (see slide [Capital Program](#) on page 2). At the Analyst Day presentation by Chief Executive Todd Stevens and colleagues on October 31, we were especially intrigued with the opportunity to apply new technology to thick, scantily developed Kreyenhagen shale in a large old field (see slide [Kettleman North Dome](#) on page 2). California politics is the main risk in achieving the growth we think is otherwise likely. While Chairman Bill Albrecht believes CRC has made great progress in breaking a permit logjam and in helping develop constructive fracking regulations, it is not yet clear to us how soon CRC can apply the big fracs that have so greatly advanced industry productivity in North Dakota and Texas in just the last two years. Instead, most of the current budget is devoted to profitable primary, secondary and tertiary conventional applications. The recent drop in oil price may slow expected growth as the company keeps its investment within cash flow. We keep \$90 a barrel as our long-term expectation for calculating McDep Ratios. A reduction to \$80 would shave perhaps \$6 a share off of estimated Net Present Value (NPV) of \$40 a share (see tables [Present Value](#) and [Operating and Financial Estimates](#) on page 3). We believe potential long-term reward offsets political and oil price volatility.

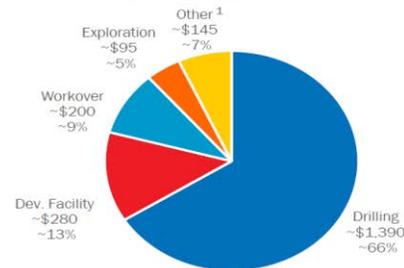
Kurt H. Wulff, CFA

Self-Funded Capital Investment Program

Commentary

- 2014 capital budget of \$2.1 billion is an increase of 24% from 2013
- CRC plans to reinvest excess free cash flow that prior to spin was sent to Occidental

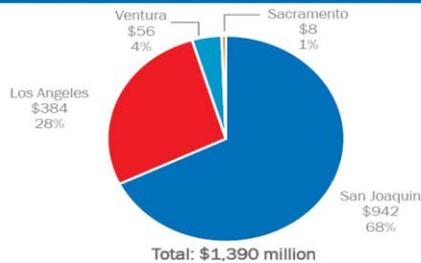
2014 Total Capital Budget



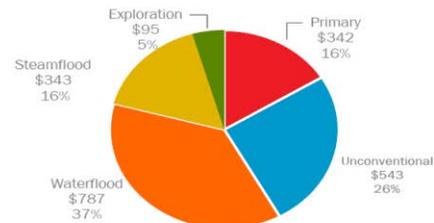
Total: \$2.1 billion

¹Other includes land, seismic, infrastructure and other investments.

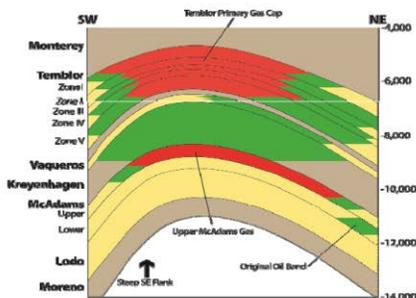
2014 Drilling Capital Budget – By Basin



2014 Capital Budget – By Drive



Kettleman North Dome – “Elk Hills Analog”



Source: Information based on CRC internal estimates and DOGGR.

- OOIP of 3 Bn Bbls
- 1,000's of feet of stacked pay
- API >= 36°
- WI = 100% and NRI = 80.3%
- Shooting 3D in preparation of development
- Modern formation evaluation, new wells, and WOs
- Advancing the understanding and development potential
 - Temblor waterflood
 - Moreno
 - Vaqueros
 - Kreyenhagen shale

Kreyenhagen Estimates	
Area (acres)	12,800
Depth (ft)	9,500
OOIP (MMBbl)	800
Cum. Prod (MMBbl)	0.36
Recovery Factor	0.05%
# of Completions to Date	9



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California Resources Corporation					
Functional Cash Flow and Present Value					
	NTM Ebitda (US\$mm)	Adjusted R/P	PV/ Ebitda	Present Value (US\$mm)	
North American Natural Gas	228	8.0	12.3	2,800	13%
Oil	2,061	11.0	9.2	19,000	87%
	2,289	10.2	9.5	21,800	100%
Debt (US\$mm)					6,300
Net Present Value (US\$mm)					15,500
Shares (mm)					387
Net Present Value - Standard Estimate (US\$/sh)					40
NPV Approximation by Cash Flow Multiple Depending on Reserve Life (US\$/sh)					37

California Resources Corporation										
Next Twelve Months Operating and Financial Estimates										
	Year	Q1	Q2	Q3	Q4E	Year	Q1E	Q2E	Q3E	Next Twelve Months
	2013	3/31/14	6/30/14	9/30/14	12/31/14	2014E	3/31/15	6/30/15	9/30/15	9/30/15
Volume										
Natural Gas (mmcf)	260	242	243	249	249	246	249	249	249	249
Oil (mbd)	110	114	114	119	122	117	125	128	131	127
Total (mb)	56.0	13.9	14.1	14.8	15.0	57.8	15.0	15.4	15.9	61.4
Total (mbd)	153	154	155	161	163	158	167	170	173	168
Price										
Henry Hub (\$/mmbtu)	3.65	4.95	4.67	4.07	3.93	4.41	4.10	3.75	3.79	3.89
Differential (\$/mmbtu)	(0.08)	0.17	0.02	(0.17)	(0.16)	(0.03)	(0.17)	(0.16)	(0.16)	(0.16)
Company (\$/mcf)	3.73	4.78	4.66	4.24	4.09	4.44	4.27	3.90	3.95	4.05
WTI Cushing (\$/bbl)	97.98	98.74	102.98	97.24	80.45	94.86	78.57	78.60	78.74	79.09
Differential	3.59	3.41	6.80	8.81	7.29	6.89	7.12	7.12	7.13	7.17
Company (\$/bbl)	94.39	95.33	96.18	88.44	73.17	87.96	71.45	71.48	71.61	71.92
Total (\$/bbl)	74.04	77.91	78.29	72.15	60.83	72.08	60.04	59.72	60.10	60.17
Revenue (\$mm)										
Natural Gas	354	104	103	97	94	398	96	88	90	368
Oil	3,790	978	998	968	821	3,765	804	834	865	3,324
Total	4,144	1,082	1,101	1,065	915	4,163	900	922	956	3,692
Expense										
Production	960	256	262	262						
Production taxes	185	52	55	56						
General and administrative	292	86	77	79						
Total	1,437	394	394	397	348	1,533	342	350	363	1,403
Ebitda	2,707	688	707	668	567	2,630	558	572	593	2,289
Exploration	116	31	15	25	25	96	20	20	20	85
Deprec., Deplet., & Amort.	1,144	289	293	304	304	1,190	304	304	304	1,216
Other	(126)	20	1	83		103				-
Ebit	1,447	343	378	289	238	1,249	234	248	269	988
Interest										
Ebt	1,447	343	378	289	238	1,249	234	248	269	988
Income Tax	578	120	132	101	83	437	82	87	94	346
Net Income (\$mm)	869	223	246	188	155	812	152	161	175	642
Per Share (\$)		-	-	-	0.40		0.39	0.42	0.45	1.66
Shares (millions)		-	-	387	387		387	387	387	387
Ebitda Margin	65%	64%	64%	63%	62%	63%	62%	62%	62%	62%
Tax rate	40%	35%	35%	35%	35%	35%	35%	35%	35%	35%



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						Present Value by Segment (%)							
		Price (US\$/sh)	EV/ Market	Enterprise Value	North Amer.	Rest of World				Dist. Yield			
Symbol/Rating	3-Nov 2014	Cap	(\$mm)	Natural Gas	Natural Gas	Oil Prod'n	Down- stream	NTM (%)	McDep Ratio				
B = Buy, CB (see below)													
Global Integrated													
Exxon Mobil Corporation	XOM CB	95.26	1.18	484,000	7	16	61	17	2.9	0.94			
Chevron Corporation	CVX	116.78	1.20	266,000	3	11	73	13	3.7	0.81			
Royal Dutch Shell plc	RDS-A	70.03	1.37	303,000	4	22	57	17	5.4	0.79			
Total S.A.	TOT	58.12	1.42	189,000		22	59	18	5.2	0.79			
Lukoil Oil Company	LUKOY CB	48.30	1.21	45,500			76	24	5.7	0.40			
<i>Total or Median</i>			<i>1.21</i>	<i>1,288,000</i>			<i>61</i>	<i>17</i>	<i>5.2</i>	<i>0.79</i>			
U.S. Independent													
EOG Resources, Inc.	EOG	93.32	1.12	57,600	16	4	80		0.7	0.86			
ConocoPhillips	COP	70.56	1.38	122,000	13	14	72		4.1	0.77			
Occidental Petroleum Corp.	OXY	87.14	1.16	78,400	7	1	84	9	3.3	0.75			
Marathon Oil Corporation	MRO CB	34.57	1.33	31,200	9	3	88		2.4	0.75			
Devon Energy Corporation	DVN CB	58.54	1.70	41,000	28		64	8	1.6	0.71			
<i>Total or Median</i>			<i>1.33</i>	<i>330,000</i>	<i>13</i>		<i>80</i>		<i>2.4</i>	<i>0.75</i>			
Canada/Australia													
Woodside Petroleum Ltd.	WOPEY	35.11	1.16	33,000		70	30		6.3	0.98			
Imperial Oil Limited (30%)	IMO	46.67	1.24	14,800	2		79	19	1.0	0.92			
EnCana Corporation	ECA CB	18.35	1.74	23,500	50		50		1.5	0.73			
Cenovus Energy Inc.	CVE	24.07	1.36	24,900	9		80	10	3.9	0.65			
Canadian Oil Sands Limited	COSWF CB	15.03	1.35	9,800			100		9.1	0.52			
<i>Total or Median</i>			<i>1.35</i>	<i>106,000</i>			<i>79</i>		<i>3.9</i>	<i>0.73</i>			
Small Cap Independent Producers													
Cimarex Energy Company	XEC CB	110.41	1.19	11,500	41		59		0.6	0.82			
WPX Energy Inc.	WPX	19.01	1.64	6,300	61		39		-	0.78			
Halcón Resources	HK	2.94	4.11	5,000	6		94		-	0.75			
Whiting Petroleum Corporation	WLL CB	60.26	1.43	10,300	9		91		-	0.74			
Range Resources	RRC CB	66.77	1.32	14,600	60		40		0.2	0.73			
Continental Resources (32%)	CLR CB	55.73	1.30	8,500	16		84		-	0.71			
Peyto Exploration and Developr	PEYUF	28.15	1.20	5,200	83		17		3.8	0.71			
PDC Energy	PDCE	42.60	1.53	2,300	26		74		-	0.67			
Birchcliff Energy Ltd.	BIREF CB	8.07	1.39	1,800	72		28		-	0.65			
<i>Total or Median</i>			<i>1.39</i>	<i>66,000</i>	<i>41</i>		<i>59</i>		<i>-</i>	<i>0.73</i>			
RIF Cash Payers													
Mesa Royalty Trust	MTR	28.49	1.00	50	71		29		7.7	1.02			
San Juan Basin Royalty Trust	SJT CB	17.99	1.00	840	100		-		6.3	0.86			
Dorchester Minerals, L.P.	DMLP CB	26.65	1.00	820	40		60		6.2	0.83			
Sabine Royalty Trust	SBR	50.51	1.00	740	44		56		7.1	0.79			
Freehold Royalties Ltd.	FRHLF	18.16	1.12	1,490	18		82		8.1	0.72			
Hugoton Royalty Trust	HGT	9.15	1.00	370	87		13		8.7	0.70			
Permian Basin RT	PBT	11.63	1.00	540	20		80		8.4	0.65			
Cross Timbers Royalty Trust	CRT	26.46	1.00	160	64		36		8.5	0.63			
Enduro Royalty Trust	NDRO	8.49	1.00	280	30		70		6.6	0.61			
<i>Total or Median</i>			<i>1.00</i>	<i>5,300</i>	<i>44</i>		<i>56</i>		<i>7.7</i>	<i>0.72</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>3-Nov 2014</i>	<i>(mm)</i>				
	<i>B = Buy, CB (see below)</i>							
Global Integrated								
Exxon Mobil Corporation	XOM	CB	95.26	4,297	409,000	102.00	0.15	0.94
Chevron Corporation	CVX		116.78	1,902	222,000	150.00	0.13	0.81
Royal Dutch Shell plc	RDS-A		70.03	3,167	222,000	95.00	0.21	0.79
Total S.A.	TOT		58.12	2,281	133,000	80.00	0.24	0.79
Lukoil Oil Company	LUKOY	CB	48.30	776	37,500	135.00	0.07	0.40
	<i>Total or Median</i>				<i>1,024,000</i>		<i>0.15</i>	<i>0.79</i>
U.S. Independent								
EOG Resources, Inc.	EOG		93.32	549	51,200	110.00	0.10	0.86
ConocoPhillips	COP		70.56	1,247	88,000	100.00	0.21	0.77
Occidental Petroleum Corp.	OXY		87.14	778	67,800	120.00	0.10	0.75
Marathon Oil Corporation	MRO	CB	34.57	679	23,470	50.00	0.18	0.75
Devon Energy Corporation	DVN	CB	58.54	411	24,100	100.00	0.29	0.71
	<i>Total or Median</i>				<i>254,600</i>		<i>0.18</i>	<i>0.75</i>
Canada/Australia								
Woodside Petroleum Ltd.	WOPEY		35.11	823	28,900	36.00	0.13	0.98
Imperial Oil Limited (30%)	IMO		46.67	255	11,900	52.00	0.18	0.92
EnCana Corporation	ECA	CB	18.35	736	13,500	30.00	0.31	0.73
Cenovus Energy Inc.	CVE		24.07	759	18,300	42.00	0.17	0.65
Canadian Oil Sands Limited	COSWF	CB	15.03	485	7,300	34.00	0.13	0.52
	<i>Total or Median</i>				<i>80,000</i>		<i>0.17</i>	<i>0.73</i>
Small Cap Independent Producers								
Cimarex Energy Company	XEC	CB	110.41	87	9,600	140.00	0.13	0.82
WPX Energy Inc.	WPX		19.01	203	3,900	28.00	0.30	0.78
Halcón Resources	HK		2.94	415	1,200	7.00	0.57	0.75
Whiting Petroleum Corporation	WLL	CB	60.26	120	7,200	90.00	0.22	0.74
Range Resources	RRC	CB	66.77	166	11,100	100.00	0.18	0.73
Continental Resources (32%)	CLR	CB	55.73	118	6,600	85.00	0.16	0.71
Peyto Exploration and Development Corp.	PEYUF		28.15	154	4,300	42.00	0.12	0.71
PDC Energy	PDCE		42.60	36	1,500	75.00	0.23	0.67
Birchcliff Energy Ltd.	BIREF	CB	8.07	158	1,300	14.00	0.18	0.65
	<i>Total or Median</i>				<i>47,000</i>		<i>0.18</i>	<i>0.73</i>
RTF Cash Payers								
Mesa RoyaltyTrust	MTR		28.49	1.9	53	28.00	-	1.02
San Juan Basin Royalty Trust	SJT	CB	17.99	47	840	21.00	-	0.86
Dorchester Minerals, L.P.	DMLP	CB	26.65	31	820	32.00	-	0.83
Sabine Royalty Trust	SBR		50.51	15	740	64.00	-	0.79
Freehold Royalties Ltd.	FRHLF		18.16	73	1,330	26.00	0.08	0.72
Hugoton RoyaltyTrust	HGT		9.15	40	370	13.00	-	0.70
Permian Basin RT	PBT		11.63	47	540	18.00	-	0.65
Cross Timbers Royalty Trust	CRT		26.46	6	160	42.00	-	0.63
Enduro Royalty Trust	NDRO		8.49	33	280	14.00	-	0.61
	<i>Total or Median</i>				<i>5,100</i>		<i>-</i>	<i>0.72</i>

CB=Contrarian Buy, Stock Price may be in downtrend compared to 200-day average.
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 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	P/E	Dividend	
	Symbol/Rating		3-Nov 2014	NTM	NTM	NTM	NTM	NTM	
	B = Buy, CB (see below)							(\$/sh)	
Global Integrated									
	Exxon Mobil Corporation	XOM	CB	95.26	14.5	8.3	7.9	15	2.76
	Chevron Corporation	CVX		116.78	9.3	7.9	6.4	14	4.28
	Total S.A.	TOT		58.12	10.9	7.9	6.3	13	3.05
	Royal Dutch Shell plc	RDS-A		70.03	10.5	7.7	6.1	13	3.76
	Lukoil Oil Company	LUKOY	CB	48.30	14.6	6.4	2.6	7	2.76
	<i>Median</i>				10.9	7.9	6.3	13	
U.S. Independent									
	EOG Resources, Inc.	EOG		93.32	7.4	8.3	7.2	21	0.67
	Devon Energy Corporation	DVN	CB	58.54	10.0	9.6	6.8	15	0.96
	Occidental Petroleum Corp.	OXY		87.14	10.5	8.6	6.5	17	2.88
	ConocoPhillips	COP		70.56	11.1	8.3	6.4	15	2.92
	Marathon Oil Corporation	MRO	CB	34.57	11.2	7.4	5.5	17	0.84
	<i>Median</i>				10.5	8.3	6.5	17	
Canada/Australia									
	Imperial Oil Limited (30%)	IMO		46.67	25.0	11.7	10.7	14	0.46
	EnCana Corporation	ECA	CB	18.35	8.1	11.7	8.6	14	0.28
	Cenovus Energy Inc.	CVE		24.07	14.5	11.2	7.3	21	0.94
	Woodside Petroleum Ltd.	WOPEY		35.11	9.9	6.9	6.7	15	2.22
	Canadian Oil Sands Limited	COSWF	CB	15.03	18.3	11.9	6.2	10	1.37
	<i>Median</i>				14.5	11.7	7.3	14	
Small Cap Independent Producers									
	Range Resources	RRC	CB	66.77	11.7	16.3	11.8	53	0.16
	Peyto Exploration and Development Corp.	PEYUF		28.15	9.6	11.7	8.3	21	1.06
	PDC Energy	PDCE		42.60	15.9	11.5	7.7	87	-
	WPX Energy Inc.	WPX		19.01	8.3	9.1	7.0		-
	Cimarex Energy Company	XEC	CB	110.41	6.1	8.6	7.0	23	0.64
	Halcón Resources	HK		2.94	5.7	9.3	7.0	14	-
	Continental Resources (32%)	CLR	CB	55.73	11.4	9.8	7.0	16	-
	Birchcliff Energy Ltd.	BIREF	CB	8.07	13.4	9.7	6.3	18	-
	Whiting Petroleum Corporation	WLL	CB	60.26	7.1	6.2	4.6	18	-
	<i>Median</i>				9.6	9.7	7.0	20	
RTF Cash Payers									
	San Juan Basin Royalty Trust	SJT	CB	17.99	10.5	17.1	14.7	16	1.14
	Sabine Royalty Trust	SBR		50.51	10.0	17.9	14.1	14	3.58
	Dorchester Minerals, L.P.	DMLP	CB	26.65	7.5	15.8	13.1	21	1.66
	Mesa RoyaltyTrust	MTR		28.49	6.6	11.1	11.3	13	2.19
	Hugoton RoyaltyTrust	HGT		9.15	13.3	14.2	10.0	12	0.79
	Freehold Royalties Ltd.	FRHLF		18.16	5.2	13.7	9.9	20	1.48
	Cross Timbers Royalty Trust	CRT		26.46	12.2	15.4	9.7	12	2.25
	Permian Basin RT	PBT		11.63	9.8	12.8	8.3	12	0.97
	Enduro Royalty Trust	NDRO		8.49	8.3	9.6	5.8	15	0.56
	<i>Median</i>				9.8	14.2	10.0	14	
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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Table 4										
McDep Energy Stocks										
Total Return and Enterprise Value Momentum										
Ranked by EV/200-Day Average										
				Equity						
			Price	Total						
			(\$/sh)	Return	Enterprise Value/					
	Symbol		3-Nov	YTD	52Wk	52Wk	50 Day	200 Day	McDep	
		Rating	2014	(%)	High	Low	Avg.	Avg.	Ratio	
Global Integrated										
	Exxon Mobil Corporation	XOM	CB	95.26	(4)	0.92	1.08	1.00	0.98	0.94
	Chevron Corporation	CVX		116.78	(4)	0.88	1.08	0.97	0.96	0.81
	Royal Dutch Shell plc	RDS-A		70.03	2	0.88	1.06	0.95	0.94	0.79
	Total S.A.	TOT		58.12	(2)	0.84	1.06	0.96	0.92	0.79
	Lukoil Oil Company	LUKOY	CB	48.30	(21)	0.77	1.04	0.93	0.89	0.40
	<i>Median</i>				(4)	0.88	1.06	0.96	0.94	0.79
U.S. Independent										
	Marathon Oil Corporation	MRO	CB	34.57	(0)	0.86	1.08	0.94	0.96	0.75
	ConocoPhillips	COP		70.56	4	0.86	1.09	0.95	0.95	0.77
	EOG Resources, Inc.	EOG		93.32	12	0.80	1.17	0.95	0.93	0.86
	Occidental Petroleum Corp.	OXY		87.14	(6)	0.84	1.05	0.92	0.91	0.75
	Devon Energy Corporation	DVN	CB	58.54	(4)	0.82	1.06	0.93	0.90	0.71
	<i>Median</i>				(0)	0.84	1.08	0.94	0.93	0.75
Canada/Australia										
	Imperial Oil Limited (30%)	IMO		46.67	6	0.89	1.13	0.97	0.97	0.92
	Woodside Petroleum Ltd.	WOPEY		35.11	7	0.87	1.08	0.96	0.95	0.98
	EnCana Corporation	ECA	CB	18.35	3	0.83	1.04	0.93	0.91	0.73
	Cenovus Energy Inc.	CVE		24.07	(14)	0.79	1.04	0.91	0.88	0.65
	Canadian Oil Sands Limited	COSWF	CB	15.03	(16)	0.72	1.00	0.86	0.80	0.52
	<i>Median</i>				3	0.83	1.04	0.93	0.91	0.73
Small Cap Independent Producers										
	WPX Energy Inc.	WPX		19.01	(7)	0.80	1.11	0.89	0.94	0.78
	Cimarex Energy Company	XEC	CB	110.41	6	0.77	1.16	0.90	0.90	0.82
	Continental Resources (32%)	CLR	CB	55.73	(1)	0.74	1.08	0.87	0.87	0.71
	Peyto Exploration and Development	PEYUF		28.15	(6)	0.77	1.02	0.91	0.87	0.71
	Whiting Petroleum Corporation	WLL	CB	60.26	(3)	0.72	1.09	0.86	0.86	0.74
	Halcón Resources	HK		2.94	(24)	0.73	1.05	0.91	0.86	0.75
	Range Resources	RRC	CB	66.77	(21)	0.75	1.07	0.96	0.86	0.73
	Birchcliff Energy Ltd.	BIREF	CB	8.07	18	0.66	1.15	0.87	0.83	0.65
	PDC Energy	PDCE		42.60	(20)	0.70	1.11	0.90	0.82	0.67
	<i>Median</i>				(6)	0.74	1.09	0.90	0.86	0.73
RTF Cash Payers										
	Mesa RoyaltyTrust	MTR		28.49	50	0.76	1.42	0.91	1.00	1.02
	San Juan Basin Royalty Trust	SJT	CB	17.99	14	0.89	1.16	0.98	0.99	0.86
	Hugoton RoyaltyTrust	HGT		9.15	35	0.76	1.31	0.99	0.97	0.70
	Sabine Royalty Trust	SBR		50.51	7	0.79	1.11	0.95	0.93	0.79
	Dorchester Minerals, L.P.	DMLP	CB	26.65	10	0.75	1.11	0.89	0.93	0.83
	Permian Basin RT	PBT		11.63	(3)	0.76	1.03	0.87	0.86	0.65
	Freehold Royalties Ltd.	FRHLF		18.16	(7)	0.72	1.01	0.88	0.84	0.72
	Cross Timbers Royalty Trust	CRT		26.46	(3)	0.70	1.07	0.88	0.84	0.63
	Enduro Royalty Trust	NDRO		8.49	(26)	0.58	1.01	0.76	0.67	0.61
	<i>Median</i>				7	0.76	1.11	0.89	0.93	0.72

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

November 4, 2014

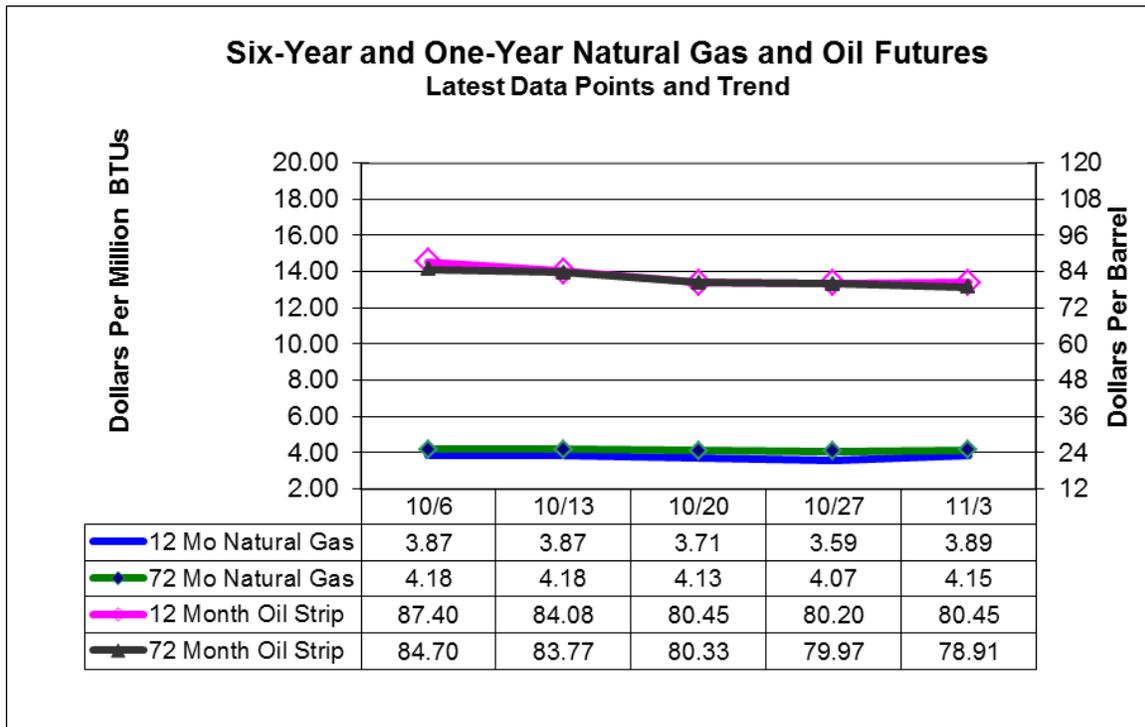
Index of Recent Research			
Stock Ideas			
<u>Date</u>	<u>Symbol</u>	<u>Subject</u>	<u>Theme</u>
28-Oct	CVE	Cenovus Energy	Same Stock Price, Twice the Production (Meter Reader)
21-Oct	TOT	Total	Chief Executive Dies
21-Oct	XEC	Cimarex Energy	Strong Independent Producer (Meter Reader)
14-Oct	DVN	Devon 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
27-Sep	WPX	WPX Energy	San Juan Basin Innovator (Income and Small Cap Weekly)
13-Sep	CRT	Cross Timbers Royalty Trust	Fracking Upside in Permian and Scoop (Income and Small Cap Weekly)
For historical research by stock, go to mcdep.com , click on Stock Ideas , click on stock by name.			
Meter Reader			
28-Oct	CVE	Cenovus Energy	Same Stock Price, Twice the Production
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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
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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 mcdep.com , click on Meter Reader .			
Industry Ideas			
30-Sep		RTF (Royalty Trust Fund)	Current Income and Future Fraccing
July			Oil and Gas Investor: In Royalty We Trust



Meter Reader

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