

Encana Corporation (ECA) Leveraged to Natural Gas Price

Symbol	ECA	Ebitda Next Twelve Months ending 12/31/14 (US\$mm)	2,900
Rating	Buy	North American Natural Gas/Ebitda (%)	73
Price (US\$/sh)	18.51	Natural Gas and Oil Production/Ebitda (%)	100
Pricing Date	2/14/14	Adjusted Reserves/Production NTM	6.6
Shares (mm)	736	EV/Ebitda	7.8
Market Capitalization (US\$mm)	13,600	PV/Ebitda	10.7
Debt (US\$mm)	8,700	Undeveloped Reserves (%)	36
Enterprise Value (EV) (US\$mm)	22,300	Natural Gas and Oil Ebitda (US\$/boe)	15.18
Present Value (PV) (US\$mm)	30,700	Present Value Proven Reserves(US\$/boe)	20.07
Net Present Value (US\$/share)	30	Ebitda Margin NTM (%)	45
Debt/Present Value	0.28	Earnings Next Twelve Months (US\$/sh)	1.56
McDep Ratio - EV/PV	0.72	Price/Earnings Next Twelve Months	12
Dividend Yield (%/year)	1.5	Indicated Annual Dividend (US\$/sh)	0.28
Note: Estimated cash flow and	earnings tied to one	e-year futures prices for oil and natural gas.	
Reported results may van	ry widely from estin	mates. Estimated present value per share revised only infrequ	lently.
Estimated present value	presumes a long-ter	rm price for oil of US\$90 a barrel and natural gas, \$6 a millio	on btu.
For historical analysis of	f ECA since 2001 s	ee www.mcdep.com/3eca.htm	

Summary and Recommendation

Buy-recommended natural gas producer Encana (ECA) may be turning the disadvantage of higher fixed operating expense in a declining natural gas price environment into an advantage in a rising natural gas price environment. Known as operating leverage, that means Encana's cash flow before hedging rises at a faster rate than price and at a faster rate than peer companies. At the same time, the rising natural gas price trend may continue further as U.S. National Weather Service Forecasts for the next 6-14 days have turned sharply colder again for most of the country after turning warmer briefly as tracked by *Bloomberg*. Respecting the unpredictability of price, new management is focusing on reducing costs and investing in higher margin projects that can make more money without price increases. Among five focus regions, results have been good in San Juan Basin oil drilling. A recent well drilled in what looked like a Tier 2 area has performed as well as Tier 1 wells. As a result, the most prospective area is larger than expected, as new chief executive Doug Suttles explained in the quarterly earnings call on February 13. We like Mr. Suttles' additional plan to spin off fee lands in a new company. Those are what we have called Top Line Cash Paying Properties deserving of a higher cash flow multiple because no provincial royalties are due and third parties may pay costs on Encana's behalf. Operating leverage and fee lands are two differentiating characteristics not otherwise obvious in estimated Net Present Value (NPV) of \$30 a share (see tables Operating and Financial Estimates and Present Value on page 2). At a McDep Ratio of 0.72, Encana offers some of the strongest natural gas appreciation potential at the same time the new CEO works to improve performance.

Kurt H. Wulff, CFA



	Ne	xt Twelve		ana Corpor Operating a		cial Estin	nates			
										Next
										Twelve
	04	Year	<i>Q3</i>	04	Year	OlE	Q2E	O3E	04E	Months
	12/31/12	2012	9/30/13	12/31/13	2013	3/31/14	6/30/13	9/30/14	12/31/14	12/31/14
Volume										
Natural Gas (mmcfd)	2,948	2,981	2,723	2,744	2,777	2,717	2,689	2,663	2,636	2,676
Oil (mbd)	36	31	58	66	54	68	70	72	74	71
Total (bcf)	291	1,159	283	289	1,132	281	283	285	284	1,132
Total (mmcfed)	3,165	3,168	3,072	3,140	3,100	3,124	3,110	3,095	3,082	3,103
Price		, -			, .					,
Henry Hub (US\$/mmbtu	3.40	2.79	3.58	3.60	3.65	5.14	4.68	4.68	4.74	4.81
Differential	(0.05)	(0.04)	0.32	(0.09)	0.08	(0.02)	0.12	0.41	(0.11)	0.10
EnCana (\$/mcf)	3.45	2.83	3.26	3.69	3.57	5.16	4.56	4.27	4.85	4.71
WTI Cushing (US\$/bbl)	88.18	94.16	105.83	97.46	97.98	98.57	99.86	97.39	94.89	97.68
Differential	21.53	19.04	36.23	31.88	30.68	30.86	31.27	30.50	29.71	30.63
EnCana (\$/bbl)	66.65	75.12	69.60	65.58	67.30	67.70	68.59	66.90	65.18	67.05
Total (\$/bbl)	23.85	20.37	25.25	27.62	26.21	35.78	32.92	31.39	34.31	33.59
Revenue (\$mm)										
Natural Gas	936	3,083	817	932	3,620	1,263	1,115	1,046	1,176	4,600
Oil	222	853	373	398	1,324	414	437	444	445	1,741
Total	1,158	3,936	1,189	1,330	4,944	1,677	1,553	1,490	1,621	6,341
Expense	608	2,451	666	718	2,702	919	851	817	889	3,476
Ebitda (\$mm)	549	1,485	523	612	2,242	758	701	673	732	2,864
Deprec., Deplet., & Amor	445	1,956	388	388	1,565	388	388	388	388	1,552
Hedging and other	(422)	(2,328)	(204)	(221)	(958)	(176)	(202)	(215)	(188)	(782)
Interest	134	522	143	139	563	139	139	139	139	556
Ebt	393	1,335	197	306	1,072	407	377	361	393	1,538
Income tax	98	334	49	76	268	102	94	90	98	385
Net Income (\$mm)	294	1,001	147	229	804	305	282	271	295	1,154
Per share (\$)	0.40	1.36	0.20	0.31	1.09	0.41	0.38	0.37	0.40	1.56
Shares (millions)	736	736	737	740	737	740	740	740	740	736
Ebitda margin	47%	38%	44%	46%	45%	45%	45%	45%	45%	45%
Tax rate	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%

	Encana Corpo	ration			
Function	al Cash Flow a	nd Present V	alue		
	NTM <u>Ebitda</u>	Adjusted <u>R/P</u>	PV/ <u>Ebitda</u>	Present <u>Value</u>	
North American Natural Gas	2,070	6.6	12.0	24,800	81%
Oil	790	7.0	7.6	6,000	19%
	2,860	6.6	10.8	30,800	100%
Debt					8,700
Net Present Value (\$mm)					22,100
Shares					736
Net Present Value - Standard Estimate (US	\$\$/sh)				30
NPV Approximation by Cash Flow Multipl	e Depending on	Reserve Life	(US\$/sh)		23



			Mc	Dep Er	nergy Stoo	eks					
Er	nterpri	se '	Value, S	Segmer	nts, Yield	and Mo	cDep R	atio			
						D			(0/)		
			Duta				it Value by	segmer	lt (%)	Dist	
			Price (US\$/sh)	EU //	E. (North	Rest of			Dist.	
C.	1.1/D		. ,	EV/	Enterprise	Amer.	World	0.1	D	Yield	MD
2	mbol/Rat		14-Feb	Market	Value	Natural	Natural		Down-	NTM	McDep Det
B = Buy, CH	s (see bei	5W)	2014	Сар	(\$mm)	Gas	Gas	Proan	stream	(%)	Ratie
Global Integrated	VOM	CD	04.11	1.01	100.000	0	10	57	17	27	0.04
Exxon Mobil Corporation	XOM	СВ	94.11	1.21	496,000	8	19	57	17	2.7	0.94
Total S.A.	TOT		61.03	1.37	190,000	4	21	62	16 17	5.5	0.82
Royal Dutch Shell plc	RDS-A		71.59	1.36	304,000	4	22	57		5.0	0.81
Chevron Corporation	CVX	CD	113.48	1.18	257,000	4	11	72	13	3.5	0.79
Lukoil Oil Company	LUKOY	СВ	58.43	1.05	47,600			74	26	4.9	0.44
Total or Median				1.21	1,295,000			62	17	4.9	0.81
U.S. Independent	FOC		17405	1.10	51000					0.1	0.00
EOG Resources, Inc.	EOG		176.96	1.13	54,900	22	4	75		0.4	0.99
Occidental Petroleum Corp.	OXY	a -	95.76	1.13	86,500	9	1	79	11	3.0	0.90
Marathon Oil Corporation	MRO	CB	33.22	1.47	34,300	7	3	90		2.3	0.74
ConocoPhillips	COP		65.53	1.42	116,000	15	15	71		4.2	0.73
Devon Energy Corporation	DVN	В	62.05	1.40	35,500	45		55		1.4	0.70
Total or Median				1.40	327,000	15		75		2.3	0.74
Canada/Australia											
Woodside Petroleum Ltd.	WOPEY		34.82	1.17	34,000		70	30		4.8	0.97
Imperial Oil Limited (30%)	IMO		43.40	1.28	14,200	2		79	18	1.1	0.87
EnCana Corporation	ECA	В	18.51	1.64	22,300	81		19		1.5	0.72
Cenovus Energy Inc.	CVE		25.88	1.35	26,500	9		75	16	3.8	0.68
Canadian Oil Sands Limited	COSWF	В	19.46	1.26	11,900			100		6.6	0.63
Total or Median				1.28	109,000			75		3.8	0.72
Small Cap Independent Produ	cers										
PDC Energy	PDCE		54.55	1.30	2,600	27		73		-	0.99
Range Resources	RRC	В	85.49	1.26	17,300	72		28		0.2	0.96
Continental Resources (32%)	CLR		113.27	1.23	8,200	16		84		-	0.95
Peyto Exploration and Developr			32.17	1.17	5,600	81		19		2.0	0.95
Cimarex Energy Company	XEC	В	109.26	1.15	10,900	41		59		0.5	0.89
Whiting Petroleum Corporation			60.76	1.37	10,000	8		92		-	0.85
Birchcliff Energy Ltd.	BIREF		8.54	1.42	2,000	69		31		-	0.78
WPX Energy Inc.	WPX	5	17.46	1.69	5,900	68		32		-	0.78
Halcón Resources	НК		3.71	2.97	5,100	8		92		-	0.77
Total or Median			5.71	1.30	68,000	41		59		-	0.89
RTF Cash Payers				1.50	00,000	71		57			0.07
Enduro Royalty Trust	NDRO		13.78	1.00	460	37		63		9.4	0.98
Freehold Royalties Ltd.	FRHLF		20.63	1.00	1,440	18		82		7.4	0.98
Dorchester Minerals, L.P.	DMLP	Р	20.03	1.04	760	51		49		8.9	0.98
Mesa RoyaltyTrust		D	24.79	1.00	40	79		21		8.9	0.93
5 5	MTR	P				100					
San Juan Basin Royalty Trust	SJT	В	17.83	1.00	830			-		9.1	0.85
Sabine Royalty Trust	SBR		51.43	1.00	750	52		48		8.8	0.80
Cross Timbers Royalty Trust	CRT		30.77	1.00	190	70		30		10.9	0.73
Hugoton RoyaltyTrust	HGT		8.68	1.00	350	90		10		13.7	0.72
Permian Basin RT	PBT		12.65	1.00	590	19		81		8.4	0.70
Total or Median				1.00	5,400	52		48		8.9	0.85
CB=Contrarian Buy, Stock Price Estimated present value presume											



		D	Table 2	a				
	Mc	Dep	Energy	Stocks				
Net	Presen	nt Va	lue and	McDep	Ratio			
			Price			Net		
			(US\$/sh)		Market	Present	Debt/	
	Symbol/R	atina	14-Feb	Shares	Сар	Value	Present	McDe
	CB (see b		2014	(mm)	(US\$mm)	(US\$/sh)	Value	Ratio
Global Integrated		elow)	2014	(mm)	(US\$mm)	(03\$/311)	vaiue	Кин
Exxon Mobil Corporation	XOM	CB	94.11	4,361	410,000	102.00	0.16	0.94
Total S.A.	TOT	CD	61.03	2,276	139,000	80.00	0.10	0.94
Royal Dutch Shell plc	RDS-A		71.59	3,138	225,000	95.00	0.22	0.82
	CVX			,				0.81
Chevron Corporation		CD	113.48	1,919	218,000	150.00	0.12	
Lukoil Oil Company	LUKOY	CB	58.43	776	45,300	135.00	0.02	0.44
Total or Median U.S. Independent					1,037,000		0.16	0.81
EOG Resources, Inc.	EOG		176.96	274	48,500	180.00	0.12	0.99
Occidental Petroleum Corp.	OXY		95.76	802	76,800	108.00	0.10	0.90
Marathon Oil Corporation	MRO	CB	33.22	701	23,290	50.00	0.24	0.74
ConocoPhillips	COP	CD	65.53	1,241	81,000	100.00	0.24	0.74
Devon Energy Corporation	DVN	В	62.05	407	25,300	100.00	0.22	0.70
Total or Median	DVIN	Б	02.05	407	254,900	100.00	0.20	0.70
Canada/Australia					254,900		0.20	0.74
Woodside Petroleum Ltd.	WOPEY		34.82	823	28,700	36.00	0.14	0.97
	IMO		43.40	255	11,100	52.00	0.14	0.97
Imperial Oil Limited (30%)		D			· ·			
EnCana Corporation	ECA CVE	В	18.51	736	13,600	30.00	0.28	0.72
Cenovus Energy Inc.		D	25.88		19,600	42.00	0.18	0.68
Canadian Oil Sands Limited	COSWF	В	19.46	485	9,400	34.00	0.13	0.63
Total or Median					82,000		0.18	0.72
Small Cap Independent Producers	DDCE		5455	26	2 000	55.00	0.00	0.00
PDC Energy	PDCE	D	54.55	36	2,000	55.00	0.23	0.99
Range Resources	RRC	B	85.49	161	13,800	90.00	0.20	0.96
Continental Resources (32%)	CLR	В	113.27	59	6,700	120.00	0.18	0.95
Peyto Exploration and Development Corp.		_	32.17	149	4,800	34.00	0.14	0.95
Cimarex Energy Company	XEC	В	109.26	87	9,500	125.00	0.12	0.89
Whiting Petroleum Corporation	WLL	В	60.76	120	7,300	75.00	0.23	0.85
Birchcliff Energy Ltd.	BIREF	В	8.54	163	1,400	12.00	0.23	0.78
WPX Energy Inc.	WPX		17.46	201	3,500	26.00	0.32	0.78
Halcón Resources	HK		3.71	463	1,700	7.00	0.51	0.77
Total or Median					51,000		0.23	0.89
RTF Cash Payers								
Enduro Royalty Trust	NDRO		13.78	33	460	14.00	-	0.98
Freehold Royalties Ltd.	FRHLF		20.63	67	1,390	21.00	0.04	0.98
Dorchester Minerals, L.P.	DMLP	В	24.79	31	760	26.00	-	0.95
Mesa RoyaltyTrust	MTR		22.50	2	40	25.00	-	0.90
San Juan Basin Royalty Trust	SJT	В	17.83	47	830	21.00	-	0.85
Sabine Royalty Trust	SBR		51.43	15	750	64.00	-	0.80
Cross Timbers Royalty Trust	CRT		30.77	6	190	42.00	-	0.73
Hugoton RoyaltyTrust	HGT		8.68	40	350	12.00	-	0.72
Permian Basin RT	PBT		12.65	47	590	18.00	-	0.70
Total or Median					5,400		-	0.85

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



			Table 3					
	Mcl	Dep	Energy	Stocks				
· · · · · · · · · · · · · · · · · · ·	Value N	Iult	iples and	l Dividen	ıd			
	Raı	ıked	by EV/I	Ebitda				
			Price	Adjustd				
			(US\$/sh)	Resrvs/	PV/	EV/		Dividen
S	ymbol/Rai	ina	14-Feb	Prod	Ebitda	Ebitda	P/E	NTN
B = Buy, C		0	2014	NTM	NTM	NTM	NTM	(\$/sh
Global Integrated	B (500 50)		2017		11111			(\$,51
Exxon Mobil Corporation	XOM	CB	94.11	13.1	7.2	6.7	12	2.52
Royal Dutch Shell plc	RDS-A		71.59	9.9	6.7	5.4	14	3.60
Total S.A.	TOT		61.03	10.0	6.4	5.2	9	3.34
Chevron Corporation	CVX		113.48	9.2	6.6	5.2	10	4.00
Lukoil Oil Company	LUKOY	CB	58.43	15.7	5.4	2.4	5	2.84
Median				10.0	6.6	5.2	10	
U.S. Independent								
EOG Resources, Inc.	EOG		176.96	7.1	6.4	6.3	19	2.88
Occidental Petroleum Corp.	OXY		95.76	10.4	6.8	6.1	15	2.76
ConocoPhillips	COP		65.53	11.5	7.9	5.8	11	0.75
Marathon Oil Corporation	MRO	CB	33.22	10.2	7.4	5.5	13	0.88
Devon Energy Corporation	DVN	В	62.05	10.1	7.8	5.4	14	0.76
Median				10.2	7.4	5.8	14	
Canada/Australia								
Imperial Oil Limited (30%)	IMO		43.40	20.1	10.4	9.0	11	0.47
Woodside Petroleum Ltd.	WOPEY		34.82	9.5	8.3	8.0	17	1.66
EnCana Corporation	ECA	В	18.51	6.6	10.7	7.8	12	0.97
Canadian Oil Sands Limited	COSWF	B	19.46	20.8	10.3	6.4	11	1.28
Cenovus Energy Inc.	CVE		25.88	14.0	8.9	6.1	13	0.28
Median	0.12		20100	14.0	10.3	7.8	12	0.20
Small Cap Independent Producers				1.110	1010	,		
Range Resources	RRC	В	85.49	15.3	12.8	12.3	48	0.16
	PEYUF		32.17	8.5	9.3	8.9	16	0.66
PDC Energy	PDCE		54.55	25.1	8.9	8.8	27	
Birchcliff Energy Ltd.	BIREF	В	8.54	16.0	9.4	7.3	18	
Continental Resources (32%)	CLR	B	113.27	11.4	7.6	7.2	17	
Halcón Resources	HK		3.71	5.3	9.0	7.0	8	
WPX Energy Inc.	WPX		17.46	8.0	8.8	6.8	0	
Cimarex Energy Company	XEC	В	109.26	7.2	7.2	6.4	14	0.56
Whiting Petroleum Corporation	WLL	B	60.76	8.1	5.5	4.7	12	0.50
Median	THE SE		00.70	8.5	8.9	7.2	16	
RTF Cash Payers				0.5	0.7	7.2	10	
Sabine Royalty Trust	SBR		51.43	9.2	14.1	11.3	11	4.54
San Juan Basin Royalty Trust	SJT	В	17.83	10.0	12.0	10.2	11	1.62
Freehold Royalties Ltd.	FRHLF		20.63	4.7	9.7	9.5	20	1.53
Mesa RoyaltyTrust	MTR		20.03	5.2	10.2	9.3	11	2.01
Dorchester Minerals, L.P.	DMLP	В	22.30	6.5	9.6	9.2	14	2.01
Cross Timbers Royalty Trust	CRT		30.77	12.5	11.7	8.6	9	3.35
Enduro Royalty Trust	NDRO		13.78	6.4	8.1	8.0	11	1.29
Permian Basin RT	PBT		12.65	12.7	10.6	7.4	12	1.25
Hugoton RoyaltyTrust	HGT		8.68	12.7	9.0	6.5	7	1.19
Median	101		0.00	9.2	10.2	9.2	11	1.15
CB=Contrarian Buy, Stock Price may be in	downtren	d com	pared to 200			9.2	11	
EV = Enterprise Value = Market Cap and D						ion		
· · ·			0					
and amortization; NTM = Next Twelve Mor Earnings; PV = Present Value of oil and gas				r_1 , $r_2 = 3$	IUCK FIICE U	U		

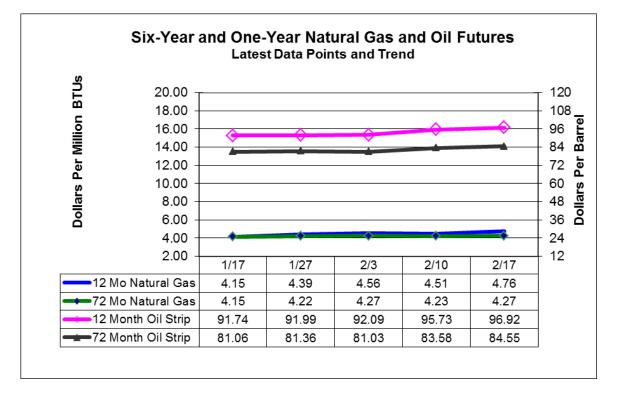


	٦ <i>١</i>	oDor	Table 4	Stooler					
		-	0.	v Stocks					
Total R	eturn a	nd E	nterpris	e Value	Mome	entum	1		
	Ranked	l bv E	CV/200-	Day Ave	erage				
				Equity					
			Price	Total					
			(\$/sh)	Return	I	Enterpri	se Value/	·	
	Symbol		14-Feb	YTD	52Wk	52Wk	50 Day	200 Day	McDep
		Rating	2014	(%)	High	Low	Avg.	Avg.	Ratic
Global Integrated									
Total S.A.	TOT		61.03	(0)	0.98	1.22	1.03	1.07	0.82
Royal Dutch Shell plc	RDS-A		71.59	2	0.99	1.10	1.02	1.05	0.81
Exxon Mobil Corporation	XOM	CB	94.11	(6)	0.94	1.09	0.98	1.02	0.94
Lukoil Oil Company	LUKOY	CB	58.43	(7)	0.87	1.07	0.98	0.96	0.44
Chevron Corporation	CVX		113.48	(8)	0.90	1.03	0.96	0.95	0.79
Median				(6)	0.94	1.09	0.98	1.02	0.81
U.S. Independent									
EOG Resources, Inc.	EOG		176.96	6	0.95	1.48	1.05	1.11	0.99
Devon Energy Corporation	DVN	В	62.05	0	0.95	1.15	1.02	1.04	0.70
Occidental Petroleum Corp.	OXY		95.76	1	0.97	1.21	1.04	1.04	0.90
ConocoPhillips	COP		65.53	(6)	0.91	1.11	0.97	0.98	0.73
Marathon Oil Corporation	MRO	CB	33.22	(5)	0.91	1.08	0.98	0.96	0.74
Median				0	0.95	1.15	1.02	1.04	0.74
Canada/Australia									
Imperial Oil Limited (30%)	IMO		43.40	(2)	0.96	1.13	1.02	1.03	0.87
EnCana Corporation	ECA	В	18.51	3	0.94	1.07	1.01	1.02	0.72
Canadian Oil Sands Limited	COSWF	В	19.46	3	0.92	1.07	1.04	1.01	0.63
Woodside Petroleum Ltd.	WOPEY		34.82	0	0.89	1.10	1.02	1.00	0.97
Cenovus Energy Inc.	CVE		25.88	(10)	0.84	1.01	0.96	0.92	0.68
Median				0	0.92	1.07	1.02	1.01	0.72
Small Cap Independent Producers									
Cimarex Energy Company	XEC	В	109.26	4	0.97	1.58	1.08	1.20	0.89
Birchcliff Energy Ltd.	BIREF	В	8.54	25	0.98	1.19	1.11	1.10	0.78
Continental Resources (32%)	CLR	В	113.27	1	0.94	1.42	1.04	1.10	0.95
Peyto Exploration and Development	PEYUF		32.17	5	0.99	1.31	1.05	1.08	0.95
Whiting Petroleum Corporation	WLL	В	60.76	(2)	0.89	1.28	1.02	1.07	0.85
Range Resources	RRC	В	85.49	1	0.97	1.18	1.02	1.07	0.96
PDC Energy	PDCE		54.55	2	0.78	1.30	1.04	0.98	0.99
WPX Energy Inc.	WPX		17.46	(14)	0.83	1.13	0.94	0.94	0.78
Halcón Resources	HK		3.71	(4)	0.71	1.05	1.01	0.91	0.77
Median				1	0.94	1.28	1.04	1.07	0.89
RTF Cash Payers			15.00		0.00	1.07	1.04	1.00	0.07
San Juan Basin Royalty Trust	SJT	В	17.83	7	0.98	1.27	1.04	1.09	0.85
Cross Timbers Royalty Trust	CRT		30.77	5	0.97	1.23	1.03	1.06	0.73
Hugoton RoyaltyTrust	HGT		8.68	16	0.87	1.24	1.06	1.06	0.72
Mesa RoyaltyTrust	MTR		22.50	7	0.87	1.12	1.04	1.01	0.90
Dorchester Minerals, L.P.	DMLP	В	24.79	(3)	0.94	1.10	0.99	1.01	0.95
Sabine Royalty Trust	SBR		51.43	3	0.94	1.17	1.02	1.00	0.80
Enduro Royalty Trust	NDRO		13.78	15	0.82	1.17	1.08	0.97	0.98
Permian Basin RT	PBT		12.65	(1)	0.78	1.06	0.97	0.93	0.70
Freehold Royalties Ltd.	FRHLF		20.63	(0)	0.85	1.06	1.01	0.93	0.98
Median				5 0-day avera	0.87	1.17	1.03	1.01	0.85



		Inde	x of Recent Research
Stock 1			
<u>Date</u>	<u>Symbol</u>	<u>Subject</u>	<u>Theme</u>
1-Feb		San Juan Basin Royalty Trust	Strategic Resource in a Cold Winter (Meter Reader)
4-Feb	XOM	Exxon Mobil	Largest and Strongest Oil and Gas Producer (Meter Reader)
21-Jan	RDSA	Royal Dutch Shell plc	Lower NPV to \$95 on Profit Warning (Meter Reader)
14-Jan	PDCE	PDC Energy	Raise NPV to \$55 on Colorado Shale Oil (Meter Reader)
17-Dec	MRO	Marathon Oil	New CEO Accelerates Shale Growth (Meter Reader)
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		Range Resources	Core Owner in Largest Producing Field
29-Oct		Whiting Petroleum	Fracking Productivity Leaps 50% (Meter Reader)
25-Oct		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 Energy	San Juan Basin Innovator (Income and Small Cap Weekly)
17-Sep		ConocoPhillips	Fracking Upside in Eagle Ford, Bakken and Permian (Meter Reader)
13-Sep		Cross Timbers Royalty Trust	Fracking Upside in Permian and Scoop (Income and Small Cap Weekly)
10-Sep		Occidental Petroleum	Permian Late Bloomer (Meter Reader)
	WOPEY		
23-Jul		Woodside Petroleum, Ltd.	Distributing LNG Cash (Meter Reader)
12-Jul	PBT	Permian Basin Royalty Trust	Stock Price Recovering from Short-Term Overreaction
31-May		Hugoton Royalty Trust	Beating the Bear (Income and Small Cap Weekly)
14-May		EOG Resources	Raise NPV to \$180 on More Big Wells (Meter Reader)
30-Apr		Total	Recovery Potential (Meter Reader)
19-Apr		Halcón Resources	Fourth Core Area - El Halcón ('The Hawk') (Inc. and Small Cap Wkly)
16-Apr		Chevron	Deflation Resistance (Meter Reader)
12-Apr		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		nen Raise NPV to \$32 for Fracking Winner (Income and Small Cap Weekly)
	For histor	ical research by stock, go to mcde	p.com, click on Stock Ideas, click on stock by name.
Meter	Reader		
1-Feb	SJT	San Juan Basin Royalty Trust	Strategic Resource in a Cold Winter
4-Feb	XOM	Exxon Mobil	Largest and Strongest Oil and Gas Producer
28-Jan	SJT, HGT, N	ATR. BIREF	Arctic Cold Strengthens Natural Gas Price
21-Jan	RDSA	Royal Dutch Shell plc	Lower NPV to \$95 on Profit Warning
14-Jan	PDCE	PDC Energy	Raise NPV to \$55 on Colorado Shale Oil
7-Jan			Six-Year Futures Up in 2014
31-Dec			Catch up for Canada
24-Dec			Rising RTF Cash in 2014
17-Dec	MRO	Marathon Oil	New CEO Accelerates Shale Growth
10-Dec	MINU		Fraccing Investment Strategy
IU-Dec	For earlier	r editions, go to <u>mcdep.com</u> , click	
	ry Ideas		
28-Jan			Arctic Cold Strengthens Natural Gas Price (Meter Reader)
9-Jan		RTF Cash Payers	Trustee Change Proposed
7-Jan			Six-Year Futures Up in 2014 (Meter Reader)
24-Dec		RTF Cash Payers	Rising RTF Cash in 2014 (Meter Reader)





Disclaimer: This analysis was prepared by Kurt Wulff, Manager of McDep LLC. The firm used sources and data believed to be reliable, but makes no representation as to their accuracy or completeness. This analysis is intended for informational purposes and is not a solicitation to buy or sell a security. Past performance is no guarantee of future results.

McDep or its employees may take positions in stocks the firm covers for research purposes. No trades in a subject stock shall be made within a week before or after a change in recommendation.

Certification: I, Kurt H. Wulff, certify that the views expressed in this research analysis accurately reflect my personal views about the subject securities and issuers. No part of my compensation was, is, or will be directly or indirectly related to the specific recommendations or views contained in this research analysis.

Research Methodology/Ratings Description: McDep LLC is an independent research originator focused on oil and gas stocks exclusively. The firm applies the forty years of experience of its analyst to estimate a present value of the oil and gas resources and other businesses of covered companies. That value is compared with a company's stock market capitalization and debt. Stocks with low market cap and debt relative to present value tend to outperform stocks with high market cap and debt relative to present value. Buy recommendations are expected to deliver a total return better than 7% per year above inflation. Hold recommendations are expected to deliver a total return less than inflation.