# ExxonMobil (XOM) Shale Oil Minerals

Symbol	XOM	Ebitda Next Twelve Months ending 6/30/15 (US\$mm)	68,000				
Rating	Buy	North American Natural Gas/Ebitda (%)	5				
Price (\$/sh)	100.13	Natural Gas and Oil Production/Ebitda (%)	76				
Pricing Date	8/4/14	Adjusted Reserves/Production NTM	14.5				
Shares (mm)	4297	EV/Ebitda	7.5				
Market Capitalization (\$mm)	430,000	PV/Ebitda	7.6				
Debt (\$mm)	76,000	Undeveloped Reserves (%)	34				
Enterprise Value (EV) (\$mm)	507,000	Natural Gas and Oil Ebitda (\$/boe)	36.00				
Present Value (PV) (\$mm)	515,000	Present Value Proven Reserves(\$/boe)	15.60				
Net Present Value (\$/share)	102	Present Value Proven Reserves(\$/mcfe)	2.60				
Debt/Present Value	0.15	Earnings Next Twelve Months (US\$/sh)	7.35				
McDep Ratio - EV/PV	0.98	Price/Earnings Next Twelve Months	14				
Dividend Yield (%/year)	2.8	Indicated Annual Dividend (US\$/sh)	2.76				
Note: Estimated cash flow ar	nd earnings tied to on	e-year futures prices for oil and natural gas.					
Reported results may	vary widely from esti	mates. Estimated present value per share revised only infre	quently.				
Estimated present valu	e presumes a long-te	erm price for oil of US\$90 a barrel and natural gas, \$6 a mill	ion btu.				
For historical analysis of XOM since 2001 see <a href="https://www.mcdep.com/1xom.htm">www.mcdep.com/1xom.htm</a>							

## **Summary and Recommendation**

We recommend the common stock of **ExxonMobil (XOM)** for value, growth and financial strength. At a McDep Ratio of 0.98, XOM is priced below its Net Present Value (NPV) of \$102 a share. Results for the second quarter of 2014 released on July 31 confirm progress to justify NPV concentrated 61% on oil, 23% on natural gas and 17% on downstream (see tables <u>Present Value</u> on page 2 and <u>Operating and Financial Estimates</u> on page 3). Financial strength includes low debt, large size and diversification by business segment and geography.

# **Shale Oil Minerals**

Masked by a decline in international oil volume, U.S. oil volume increased 9% from the previous year quarter to 458 thousand barrels daily. Horizontal drilling is just getting started with 93 new wells on line this year. Profit margins are also higher in the Permian, Bakken and Oklahoma Woodford, which counter the loss of some less profitable volume overseas. Reemphasized on the quarterly call, most of XOM's prospective Wolfcamp shale acreage in the Midland Basin is owned in fee and therefore not subject to royalty payments to others. Fee, or mineral, lands have become especially valuable in rapidly growing shale areas.

The gradual uncovering of hidden value in legacy West Texas oil lands attests to the quality of XOM's resources. Similarly a company that has been managed by some of the best and brightest talent for generations may be able to continue to produce favorable long-term results for investors with core ownership of XOM stock.

## **New High Margin LNG**

Though natural gas volume was down seasonally outside the U.S. an important new liquefied natural gas (LNG) facility started up in Papua New Guinea (PNG/LNG). Currently production nears a billion cubic feet daily of high margin clean fuel for sale to Asian buyers at premium prices.

# **Advantaged Feedstock to Chemicals**

Just as interesting, XOM is building a 1.5 billion tons a year ethane cracker with two 650,000 tons a year polyethylene lines on the Texas Gulf Coast. The plants feed on newly economical and abundant U.S shale gas.

### Low Debt and Stock Repurchase

Some investors may think debt should be expanded. We point out that investors can add their own leverage simply by owning more stock. We think a low ratio of debt to present value is reassuring.

Some investors may also think that money used to repurchase stock should be reinvested in growing the business. We point out that the business owned by the remaining shares does experience immediate growth in proportion to the shares repurchased. XOM repurchased 3% of its shares last year thereby boosting the growth rate by 3% a year for the remaining shares. Investors who think the price of repurchased stock is too high can act on that conviction by selling a proportionate amount from the portfolio at the same time. Through stock repurchase ExxonMobil counters the challenge of continuing growth from an already large base.

Kurt H. Wulff, CFA

Exxon	Mobil Cor	poration									
Functional Cash Flow and Present Value											
	NTM	Adjusted	PV/	Present							
	<u>Ebitda</u>	<u>R/P</u>	<u>Ebitda</u>	<u>Value</u>							
North American Natural Gas	2,580	16.2	13.6	35,000	7%						
Rest of World Natural Gas	12,380	14.2	6.5	80,000	16%						
Oil	37,060	14.2	8.5	314,000	61%						
Downstream	16,000		5.3	85,000	17%						
	68,020	14.5	7.6	514,000	100%						
Debt					76,000						
Net Present Value (\$mm)					438,000						
Shares					4,297						
Net Present Value - Standard Estimate (US\$/sh				102							
NPV Approximation by Cash Flow Multiple De	pending on	Reserve Life	(US\$/sh)		105						



			Exxon	Mobil Cor	rporation					
		Next Twel	ve Months	Operating	and Finan	cial Estima	ites			
										Next
										Twelve
	Q2	Year	Q1	Q2	Q3E	Q4E	Year	Q1E	Q2E	Months
	6/30/13	2013	3/31/14	6/30/14	9/30/14	12/31/14	2014E	3/31/15	6/30/15	6/30/15
Volume										
Natural Gas (mmcfd)										
North America	3,928	3,898	3,748	3,737	3,700	3,663	3,712	3,626	3,590	3,645
Overseas	7,426	7,938	8,268	7,013	6,917	7,986	7,544	8,185	6,943	7,506
Total	11,354	11,836	12,016	10,750	10,617	11,649	11,255	11,811	10,533	11,151
Oil (mbd)	2,182	2,202	2,148	2,048	2,068	2,089	2,088	2,110	2,131	2,100
Total gas & oil (mmb)	371	1,524	374	349	353	371	1,447	367	354	1,445
Total gas & oil (mbd)	4,074	4,175	4,151	3,840	3,838	4,031	3,964	4,079	3,887	3,958
Price	,	, .	, -	- ,	-,	,	- , .	,	- ,	-,
Natural gas (\$/mcf)										
Henry Hub (\$/mmbtu)	4.10	3.65	4.95	4.67	4.02	3.94	4.39	4.06	3.78	3.95
U.S.	4.07	3.53	4.78	4.46	3.83	3.76	4.21	4.06	3.78	3.85
International	9.74	9.95	10.59	9.00	9.00	9.00	9.43	9.00	9.00	9.00
Total	7.78	7.84	8.78	7.42	7.20	7.35	7.71	7.48	7.22	7.32
Oil (\$/bbl)	7.70	7.04	3.70	7.72	1.20	1.55	7.71	7.70	1.22	1.52
WTI Cushing	94.22	97.98	98.74	102.98	99.67	96.81	99.55	95.41	94.17	96.52
Worldwide	98.09	101.88	99.82	102.56	99.27	96.42	99.50	95.35	94.12	96.28
Total gas & oil (\$/bbl)	74.21	75.96	77.07	75.48	73.42	71.22	74.30	71.00	71.17	71.69
NY Harbor 3-2-1 (\$/bbl)	21.37	22.00	19.04	21.12	19.72	15.92	18.95	17.32	23.39	19.09
<b>Revenue</b> (\$mm)	21.37	22.00	17.04	21.12	19.72	13.72	10.53	17.32	23.39	17.07
Natural Gas										
	1 455	5.022	1.612	1 5 1 7	1 205	1 266	5 (00	1.324	1 222	5 127
U.S.	1,455	5,023	1,612	1,517	1,305	1,266	5,699	,-	1,233	5,127
International	6,582	28,827	7,880	5,744	5,727	6,613	25,964	6,630	5,686	24,656
Total	8,037	33,851	9,493	7,260	7,032	7,878	31,663	7,954	6,919	29,783
Oil	19,478	81,901	19,297	19,115	18,891	18,533	75,835	18,108	18,253	73,785
Other	78,954	322,757	77,983	85,272	85,272	85,272	333,799	85,272	85,272	341,088
Total	106,469	438,508	106,773	111,647	111,194	111,683	441,297	111,334	110,445	444,656
Expense										
Production	14,283	60,075	13,946	12,591	12,903	13,146	52,586	12,972	12,530	51,550
Other	76,448	308,698	74,423	82,340	81,272	81,272	319,307	81,272	81,272	325,088
Ebitda (\$mm)										
Exploration and Production	13,232	55,677	14,844	13,784	13,020	13,265	54,912	13,090	12,643	52,017
Other	2,506	14,059	3,560	2,933	4,000	4,000	14,493	4,000	4,000	16,000
Total Ebitda	15,738	69,736	18,404	16,716	17,020	17,265	69,405	17,090	16,643	68,017
Exploration	677	2,428	317	606	606	606	2,135	606	606	2,424
Deprec., Deplet., & Amort.	4,405	17,182	4,192	4,192	4,192	4,192	16,768	4,192	4,192	16,768
Ebit	10,656	50,126	13,895	11,918	12,222	12,467	50,502	12,292	11,845	48,825
Interest	85	9	66	66	66	66	264	66	66	264
Ebt	10,571	50,117	13,829	11,852	12,156	12,401	50,238	12,226	11,779	48,561
Income Tax	3,700	17,541	4,840	4,148	4,254	4,340	17,583	4,279	4,123	16,996
Net Income (\$mm)										
Exploration and Production	6,305	26,841	7,783	6,281						
Other	1,152	7,277	1,860	1,452						
Unallocated	(586)	(1,542)	(654)	(29)						
Total	6,871	32,576	8,989	7,704	7,901	8,061	32,654	7,947	7,656	31,565
Shares (millions)	4,433	4,420	4,328	4,297	4,297	4,297	4,305	4,297	4,297	4,297
Per share (\$)	1.55	7.37	2.08	1.79	1.84	1.88	7.58	1.85	1.78	7.35
Ebitda Margin (E&P)	48%	48%	52%	52%	50%	50%	51%	50%	50%	50%
Tax Rate	35%	35%	35%	35%	35%	35%	35%	35%	35%	35%
Dividend	0.63	2.52	0.69	0.69	0.69	0.69	2.76	0.69	0.69	2.76



	mbol/Rat			_	nergy Stoo nts, Yield		Dep R	atio			
Sy. B = Buy, CE G <b>lobal Integrated</b> Exxon Mobil Corporation	mbol/Rat		Price	Segmei	nts, Yield	and Mo	Dep R	atio			
B = Buy, CE Global Integrated Exxon Mobil Corporation											
B = Buy, CE Global Integrated Exxon Mobil Corporation						Duagar	t Value by	Coomer	1+ (9/)		
B = Buy, CE Global Integrated Exxon Mobil Corporation								y segmen	11 (70)	Dias	
B = Buy, CE Global Integrated Exxon Mobil Corporation				EV/	Entamaia a	North Amer.	Rest of World			Dist. Yield	
B = Buy, CE Global Integrated Exxon Mobil Corporation		ıng			Enterprise			0:1	D		M.D.
Global Integrated Exxon Mobil Corporation	s (see ber		4-Aug	Market	Value	Natural	Natural		Down-	NTM	McDe
Exxon Mobil Corporation		ow)	2014	Сар	(\$mm)	Gas	Gas	Proan	stream	(%)	Ratio
	VOM	D	100.13	1 10	507,000	7	1.6	61	17	20	0.00
Royal Dutch Shell pic	XOM	D		1.18	344.000	4	16	61	17	2.8	0.98
Charman Componetion	RDS-A		82.02	1.33	- ,	3	22	57 73	17	4.6 3.3	0.89
Chevron Corporation	CVX		128.17	1.18	288,000	3	11		13		0.87
Total S.A.	TOT	CD	65.48	1.38	206,000		21	61	18	5.0	0.86
Lukoil Oil Company	LUKOY	CB	55.33	1.17	50,100			75	25	5.5	0.45
Total or Median				1.18	1,395,000			61	17	4.6	0.87
U.S. Independent	FOG		111.01	1.00	66.400	1.0		70		0.4	1.00
EOG Resources, Inc.	EOG		111.81	1.08	66,400	18	4	78		0.4	1.02
ConocoPhillips	COP		81.98	1.33	135,000	15	14	71		3.4	0.86
Occidental Petroleum Corp.	OXY	_	100.75	1.12	89,600	8	1	83	9	2.9	0.85
Marathon Oil Corporation	MRO		39.22	1.35	36,800	8	4	89		2.1	0.83
Devon Energy Corporation	DVN	В	76.81	1.41	44,300	30		62	9	1.2	0.82
Total or Median				1.33	372,000	15		78		2.1	0.85
Canada/Australia											
Woodside Petroleum Ltd.	WOPEY		39.17	1.14	37,000		70	30		5.3	1.08
Imperial Oil Limited (30%)	IMO		50.85	1.23	15,900	2		79	18	0.9	0.98
EnCana Corporation	ECA	В	21.47	1.50	23,700	80		20		1.3	0.79
Cenovus Energy Inc.	CVE		31.07	1.29	30,500	9		78	13	3.1	0.79
Canadian Oil Sands Limited	COSWF	В	21.33	1.25	13,000			100		7.3	0.68
Total or Median				1.25	120,000			78		3.1	0.79
Small Cap Independent Produc	cers										
Continental Resources (32%)	CLR	В	149.15	1.20	10,600	16		84		-	1.09
Cimarex Energy Company	XEC	В	141.23	1.12	13,800	40		60		0.5	1.01
Whiting Petroleum Corporation	WLL	В	88.03	1.29	13,700	9		91		-	0.98
Halcón Resources	HK		5.51	2.68	6,100	6		94		-	0.91
PDC Energy	PDCE		60.34	1.33	2,900	26		74		-	0.84
WPX Energy Inc.	WPX		21.13	1.66	7,000	69		31		-	0.84
Peyto Exploration and Developr	PEYUF		33.05	1.18	5,900	81		19		2.7	0.81
Range Resources	RRC	CB	76.73	1.28	16,100	61		39		0.2	0.81
Birchcliff Energy Ltd.	BIREF	В	10.25	1.36	2,200	72		28		-	0.79
Total or Median				1.29	78,000	40		60		-	0.84
RTF Cash Payers											
Dorchester Minerals, L.P.	DMLP	В	34.47	1.00	1,060	42		58		5.6	1.08
Enduro Royalty Trust	NDRO		13.51	1.00	450	37		63		5.8	0.97
Mesa RoyaltyTrust	MTR		25.97	1.00	50	71		29		8.4	0.92
Freehold Royalties Ltd.	FRHLF		23.03	1.10	1,720	19		81		6.7	0.90
Sabine Royalty Trust	SBR		57.02	1.00	830	44		56		7.2	0.89
San Juan Basin Royalty Trust	SJT	R	17.92	1.00	840	100		-		6.7	0.85
Hugoton RoyaltyTrust	HGT		10.13	1.00	410	88		12		7.3	0.78
Permian Basin RT	PBT		13.77	1.00	640	20		80		7.6	0.77
Cross Timbers Royalty Trust	CRT		30.98	1.00	190	64		36		7.6	0.74
Total or Median	CKI		30.90	1.00	6,200	44		56		7.0	0.74
CB=Contrarian Buy, Stock Price	mov ho	n de	watrand o					50		1.2	0.05
Estimated present value presume							oo \$6 o	:11ion be			
McDep Ratio = <b>M</b> arket <b>c</b> ap and <b>I</b>							as, ou a III	1111011 011	ı.		



		_	Table 2	~ -						
	Mc	Dep	<b>Energy</b>	Stocks						
Net Present Value and McDep Ratio										
			Price			Net				
			(US\$/sh)		Market	Present	Debt/			
	Symbol/R	ating	4-Aug	Shares	Сар	Value	Present	McDe		
B = Buy,	CB (see b	elow)	2014	(mm)	(US\$mm)	(US\$/sh)	Value	Ratio		
Global Integrated										
Exxon Mobil Corporation	XOM	В	100.13	4,297	430,000	102.00	0.15	0.98		
Royal Dutch Shell plc	RDS-A		82.02	3,145	258,000	95.00	0.22	0.89		
Chevron Corporation	CVX		128.17	1,902	244,000	150.00	0.13	0.87		
Total S.A.	TOT		65.48	2,281	149,000	80.00	0.24	0.86		
Lukoil Oil Company	LUKOY	CB	55.33	776	42,900	135.00	0.06	0.45		
Total or Median					1,124,000		0.15	0.87		
U.S. Independent										
EOG Resources, Inc.	EOG		111.81	548	61,300	110.00	0.08	1.02		
ConocoPhillips	COP		81.98	1,243	102,000	100.00	0.21	0.86		
Occidental Petroleum Corp.	OXY		100.75	792	79,800	120.00	0.09	0.85		
Marathon Oil Corporation	MRO	В	39.22	696	27,300	50.00	0.22	0.83		
Devon Energy Corporation	DVN	В	76.81	408	31,300	100.00	0.24	0.82		
Total or Median					301,700		0.21	0.85		
Canada/Australia										
Woodside Petroleum Ltd.	WOPEY		39.17	823	32,200	36.00	0.13	1.08		
Imperial Oil Limited (30%)	IMO		50.85	255	13,000	52.00	0.18	0.98		
EnCana Corporation	ECA	В	21.47	736	15,800	30.00	0.26	0.79		
Cenovus Energy Inc.	CVE		31.07	758	23,600	42.00	0.18	0.79		
Canadian Oil Sands Limited	COSWF	В	21.33	485	10,300	34.00	0.14	0.68		
Total or Median					95,000		0.18	0.79		
Small Cap Independent Producers										
Continental Resources (32%)	CLR	В	149.15	59	8,800	135.00	0.18	1.09		
Cimarex Energy Company	XEC	В	141.23	87	12,300	140.00	0.11	1.01		
Whiting Petroleum Corporation	WLL	В	88.03	120	10,600	90.00	0.22	0.98		
Halcón Resources	HK		5.51	414	2,300	7.00	0.57	0.91		
PDC Energy	PDCE		60.34	36	2,200	75.00	0.21	0.84		
WPX Energy Inc.	WPX		21.13	200	4,200	28.00	0.33	0.84		
Peyto Exploration and Development Corp.	PEYUF		33.05	152	5,000	42.00	0.12	0.81		
Range Resources	RRC	CB	76.73	163	12,500	100.00	0.18	0.81		
Birchcliff Energy Ltd.	BIREF	В	10.25	156	1,600	14.00	0.21	0.79		
Total or Median					60,000		0.21	0.84		
RTF Cash Payers										
Dorchester Minerals, L.P.	DMLP	В	34.47	31	1,060	32.00	-	1.08		
Enduro Royalty Trust	NDRO		13.51	33	450	14.00	-	0.97		
Mesa RoyaltyTrust	MTR		25.97	2	50	28.00	-	0.92		
Freehold Royalties Ltd.	FRHLF		23.03	68	1,570	26.00	0.08	0.90		
Sabine Royalty Trust	SBR		57.02	15	830	64.00	-	0.89		
San Juan Basin Royalty Trust	SJT	В	17.92	47	840	21.00	-	0.85		
Hugoton RoyaltyTrust	HGT		10.13	40	410	13.00	-	0.78		
Permian Basin RT	PBT		13.77	47	640	18.00	-	0.77		
Cross Timbers Royalty Trust	CRT		30.98	6	190	42.00	-	0.74		
Total or Median					6,000		-	0.89		
CB=Contrarian Buy, Stock Price may be in										
Estimated present value presumes a long-t	erm price	tor oil	of US\$90:	a barrel and	natural gas \$	6 a million l	nfii			



	N/I al	Do	Table 3	Stooles						
			Energy							
Value Multiples and Dividend Ranked by EV/Ebitda										
			Price	Adjustd						
			(US\$/sh)	Resrvs/	PV/	EV/		Dividen		
	ymbol/Rai	-	4-Aug	Prod	Ebitda	Ebitda	P/E	NTI		
B = Buy, C	B (see be)	low)	2014	NTM	NTM	NTM	NTM	(\$/s/		
Global Integrated	7707.6	D	100.10	14.7	7.	7.5		2.5		
Exxon Mobil Corporation	XOM	В	100.13	14.5	7.6	7.5	14	2.7		
Total S.A.	TOT		65.48	11.0	7.2	6.2	12	3.2		
Royal Dutch Shell plc	RDS-A		82.02	10.3	6.7	6.0	12	3.7		
Chevron Corporation	CVX	CD	128.17	9.3	6.9	6.0	13	4.2		
Lukoil Oil Company	LUKOY	CB	55.33	15.5	5.8	2.6	5	3.0		
Median Median				11.0	6.9	6.0	12			
U.S. Independent	EOG		111 01	70	67	۷0	22	0.5		
EOG Resources, Inc.		D	111.81	7.8	6.7 8.2	6.8	17	0.5		
Devon Energy Corporation	DVN OXY	В	76.81	10.1			17	0.9		
Occidental Petroleum Corp. ConocoPhillips	COP		100.75	11.3	7.4	6.3	12	2.8		
Conocophilips  Marathon Oil Corporation	MRO	В	81.98 39.22	10.4	7.1 6.5	5.4	12	0.8		
Median	MKO	В	39.22	10.4		6.3	14	0.8		
Meatan Canada/Australia				10.4	7.1	0.5	14			
Imperial Oil Limited (30%)	IMO		50.95	25.0	0.0	0.8	14	0.4		
1 , ,	IMO WOPEY		50.85	25.0 9.5	9.9	9.8	17	0.4 2.0		
Woodside Petroleum Ltd. EnCana Corporation		D	39.17		7.6	8.2				
1	ECA	B	21.47	7.6	9.6	7.6	15	0.2		
Canadian Oil Sands Limited	COSWF	В	21.33	18.2	9.9	6.7	10	1.5		
Cenovus Energy Inc.  Median	CVE		31.07	14.3 14.3	8.5 9.6	6.7 7.6	14 14	0.9		
				14.3	9.0	7.0	14			
Small Cap Independent Producers	RRC	СВ	76.72	12.4	1.4.5	11.7	70	0.1		
Range Resources Peyto Exploration and Development Corp.		СВ	76.73	12.4 10.0	14.5 10.8	11.7 8.8	22	0.1		
PDC Energy	PDCE		33.05 60.34	17.5	10.8	8.7	36	0.8		
		D								
Continental Resources (32%)	CLR	В	149.15	11.4 14.5	7.4	8.1 7.9	19 22			
Birchcliff Energy Ltd.	BIREF WPX	В	10.25		10.0	7.5	22			
WPX Energy Inc. Halcón Resources			21.13	8.6	8.9		1.4			
	HK XEC	D	5.51 141.23	5.8 7.0	8.2 7.3	7.4	14	0.6		
Cimarex Energy Company Whiting Potrology Company	WLL	B B	88.03	7.0	5.4	5.3	19 16	0.6		
Whiting Petroleum Corporation	WLL	D	00.03	10.0	8.9		21			
Median  PTE Cosh Powers				10.0	0.9	7.9	21			
RTF Cash Payers Dorchester Minerals, L.P.	DMLP	В	34.47	8.3	13.5	14.5	21	1.9		
~ 1.	ann	D		40.0		400				
Sabine Royalty Trust	SBR	D	57.02	10.2	15.6	13.9	14	4.1		
San Juan Basin Royalty Trust	SJT HGT	В	17.92 10.13	10.7	15.9	13.6	15	1.1		
Hugoton RoyaltyTrust				14.4	14.9	11.6	14	0.7		
Cross Timbers Royalty Trust Freehold Royalties Ltd.	CRT FRHLF	$\vdash$	30.98 23.03	12.2 5.7	14.7 11.8	10.9 10.5	13 19	2.3		
Mesa RoyaltyTrust	MTR		25.97	6.9	10.7	9.9	12	2.1		
Permian Basin RT	PBT		13.77	9.8	10.7	8.0	13	1.0		
Enduro Royalty Trust	NDRO	$\vdash$	13.77	7.4	8.0	7.7	17	0.7		
Enduro Royalty Trust  Median	NDKU		13.31	9.8		10.9		0.7		
<i>Meatan</i> CB=Contrarian Buy, Stock Price may be in	doumtron	deer	marad to 200		13.5	10.9	14			
						ion				
EV = Enterprise Value = Market Cap and D			rnings befor 30, 2015; P.			IOII				

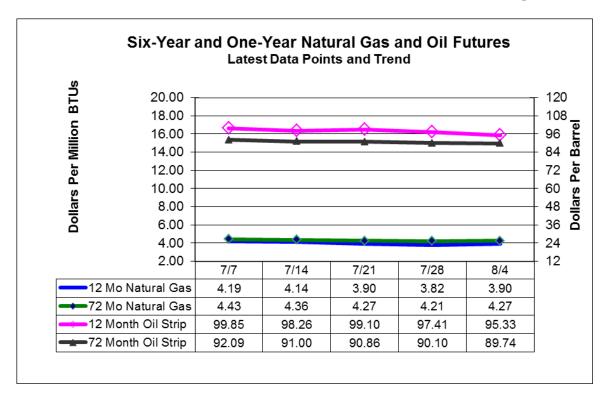


	7. 4	- D	Table 4	- C4. · 1					
	M	cDep	Energy	Stocks					
Total R	eturn a	nd E	nterpris	e Value	Mom	entum	ì		
	Ranke	d by F	V/200-	Day Avo	erage				
	ı anıxe	u by I	217200	Equity	crase				
			Price	Total					
			(\$/sh)	Return		Enternri	se Value/		
	Symbol		4-Aug	YTD	52Wk	52Wk	50 Day	200 Day	McDe
	-	Rating	2014	(%)	High	Low	Avg.	Avg.	Ratio
Global Integrated				(,			- 6		
Royal Dutch Shell plc	RDS-A		82.02	18	0.99	1.21	1.01	1.08	0.89
Chevron Corporation	CVX		128.17	4	0.96	1.14	1.00	1.04	0.87
Exxon Mobil Corporation	XOM	В	100.13	0	0.96	1.15	0.98	1.02	0.98
Total S.A.	TOT		65.48	10	0.91	1.16	0.95	1.01	0.86
Lukoil Oil Company	LUKOY	СВ	55.33	(10)	0.85	1.11	0.95	0.96	0.45
Median				4	0.96	1.15	0.98	1.02	0.87
U.S. Independent									
EOG Resources, Inc.	EOG		111.81	34	0.94	1.43	0.99	1.15	1.02
Devon Energy Corporation	DVN	В	76.81	25	0.97	1.25	1.00	1.10	0.82
ConocoPhillips	COP		81.98	19	0.96	1.21	0.98	1.08	0.86
Marathon Oil Corporation	MRO	В	39.22	12	0.97	1.17	1.01	1.07	0.83
Occidental Petroleum Corp.	OXY		100.75	7	0.96	1.16	1.00	1.04	0.85
Median				19	0.96	1.21	1.00	1.08	0.83
Canada/Australia									
Imperial Oil Limited (30%)	IMO		50.85	16	0.95	1.21	0.98	1.08	0.98
Woodside Petroleum Ltd.	WOPEY		39.17	16	0.97	1.18	1.00	1.06	1.08
Cenovus Energy Inc.	CVE		31.07	10	0.96	1.16	1.00	1.06	0.79
Canadian Oil Sands Limited	COSWF	В	21.33	17	0.94	1.15	0.98	1.05	0.68
EnCana Corporation	ECA	В	21.47	20	0.91	1.16	0.96	1.03	0.79
Median				16	0.95	1.16	0.98	1.06	0.79
Small Cap Independent Producers									
Whiting Petroleum Corporation	WLL	В	88.03	42	0.97	1.53	1.07	1.20	0.98
Cimarex Energy Company	XEC	В	141.23	35	0.94	1.68	1.02	1.19	1.01
Continental Resources (32%)	CLR	В	149.15	33	0.95	1.49	1.00	1.15	1.09
Birchcliff Energy Ltd.	BIREF	В	10.25	50	0.80	1.35	0.87	1.06	0.79
Halcón Resources	HK		5.51	43	0.88	1.19	0.93	1.04	0.91
WPX Energy Inc.	WPX		21.13	4	0.92	1.14	0.98	1.03	0.84
PDC Energy	PDCE		60.34	13	0.85	1.24	0.99	1.02	0.84
Peyto Exploration and Development	PEYUF		33.05	10	0.88	1.20	0.93	1.00	0.81
Range Resources	RRC	СВ	76.73	(9)	0.84	1.04	0.92	0.93	0.81
Median	rate	CD		33	0.88	1.24	0.98	1.04	0.84
RTF Cash Pavers									
Dorchester Minerals, L.P.	DMLP	В	34.47	40	0.97	1.46	1.13	1.29	1.08
Hugoton RoyaltyTrust	HGT	D	10.13	45	0.84	1.45	0.94	1.14	0.78
Sabine Royalty Trust	SBR		57.02	18	0.89	1.19	0.97	1.08	0.89
Enduro Royalty Trust	NDRO		13.51	17	0.85	1.19	1.01	1.05	0.97
Freehold Royalties Ltd.	FRHLF		23.03	15	0.90	1.17	0.95	1.04	0.90
San Juan Basin Royalty Trust	SJT	В	17.92	12	0.88	1.16	0.94	1.01	0.85
Mesa RoyaltyTrust	MTR		25.97	32	0.69	1.28	0.83	1.01	0.92
Permian Basin RT	PBT		13.77	12	0.85	1.14	0.96	1.00	0.77
Cross Timbers Royalty Trust	CRT		30.98	11	0.81	1.15	0.90	0.99	0.74
Median	J111		23.70	17	0.85	1.19	0.95	1.04	0.89
CB=Contrarian Buy, Stock Price may be						2.1/	0.75	1.07	0.0,



		Index	of Recent Research						
Stock 1	ldeas								
<u>Date</u>	Symbol	<u>Subject</u>	<u>Theme</u>						
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)						
8-Jul	DVN	Devon Energy	Five Core Focus (Meter Reader)						
1-Jul	COSWF	Canadian Oil Sands Ltd.	Returning to Favor (Meter Reader)						
24-Jun	DMLP	Dorchester Minerals, L.P.	Raise NPV to \$32 on Minerals (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)						
3-Jun	ECA	Encana Corporation	Hidden Value Surfaces (Meter Reader)						
27-May	CVX	Chevron	Oil Price Turns Up (Meter Reader)						
20-May	BIREF	Birchcliff Energy	Raise NPV to \$14 on Accelerating Volume (Meter Reader)						
13-May		Cimarex Energy	Raise NPV to \$140 on Cana Double (Meter Reader)						
23-Apr	HGT	Hugoton Royalty Trust	Positive Arbitration Ruling						
21-Apr		Mesa Royalty Trust	Underpayment Uncovered, Upside Commodity Leverage						
15-Apr	COP	ConocoPhillips	Shale Upside, Exploration Promise, Dividend Strength (Meter Reader)						
25-Mar	CVE	Cenovus Energy	Oil Growth Slowed by Transit States (Meter Reader)						
18-Mar	PBT	Permian Basin Royalty Trust	Rising Oil Production, Understated Income (Meter Reader)						
11-Mar	LUKOY	Lukoil	Economic Opportunity in Political Risk (Meter Reader)						
4-Mar	EOG	EOG Resources	Raise NPV to \$220 on Shale Oil Leadership (Meter Reader)						
21-Feb	PDCE	PDC Energy	Raise NPV to \$75 on More Shale Oil						
11-Feb	SJT	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)						
19-Nov	CLR	Continental Resources	High Density "Ears Back" Drilling Pace (Meter Reader)						
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)						
23-Jul	WOPEY	Woodside Petroleum, Ltd.	Distributing LNG Cash (Meter Reader)						
	For histor	ical research by stock, go to mcdep.	com, click on Stock Ideas, click on stock by name.						
Meter	Reader								
29-Jul			Investment Strategy August 2014 - Oil and Gas in Safe Areas						
22-Jul	MRO	Marathon Oil	Frac Shale Oil, Sell Norway						
15-Jul	WLL	Whiting Petroleum	Agrees to Acquire Kodiak Oil & Gas						
8-Jul	DVN	Devon Energy	Five Core Focus						
1-Jul	COSWF	Canadian Oil Sands Ltd.	Returning to Favor						
24-Jun			Raise NPV to \$32 for Dorchester, \$26 for Freehold						
	PEYUF	Peyto Exploration	Raise NPV to \$42 on More Energy Growth						
10-Jun		Occidental Petroleum	Raise NPV to \$120, Spinoff Filed						
3-Jun	ECA	Encana Corporation	Hidden Value Surfaces						
27-May		Chevron	Oil Price Turns Up						
20-May		Birchcliff Energy	Raise NPV to \$14 on Accelerating Volume						
		editions, go to mcdep.com, click o							
Industr	y Ideas								
	j iucas		Oil and Gas Investor: In Royalty We Trust						
July	DMID EDI	ILE DOT COT NODO							
24-Jun		ILF, PBT, CRT, NDRO	Raise NPV, Trustee Approved, Permian Wells						
4-Jun	PBT, CRT PBT, SBR, 0	Permian BRT, Cross Timbers RT	Vote Your Proxy						
1/-Apr	Irbi, SBK, (	_K1, ΠU1	Proxy Voting Underway						





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