

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 14, 2001

Meter Reader Tables

Rank by McDep Ratio

Mega Cap	2
Large Cap	2
Mid Cap	2
Small Cap	2

Rank by EV/Ebitda 3

Cross Timbers Royalty Trust

Table CRT-1	Present Value	4
Table CRT-2	Distributable Income	5

Dorchester Hugoton, Ltd.

Table DHULZ-1	Present Value	6
Table DHULZ-2	Cash Flow	7

Hugoton Royalty Trust

Table HGT-1	Present Value	8
Table HGT-2	Distributable Income	9

San Juan Basin Royalty Trust

Table SJT-1	Present Value	10
Table SJT-2	Distributable Income	11

Energy Partners, Ltd.

Table EPL-1	Present Value	12
Table EPL-2	Cash Flow	13

Kurt H. Wulff, CFA

Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment research by Kurt Wulff is accessible at <http://www.mcdep.com>. Owning shares in about 16 energy stocks, neither Mr. Wulff nor his spouse act contrary to a buy or sell rating. Mr. Wulff is not paid by covered companies.

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 14, 2001

Rank by McDep Ratio	Symbol/ Rating	Price (\$/sh)		Market Cap (\$mm)	Net Present Value (\$/sh)	Debt/ Present Value	McDep Ratio	
		11-May 2001	Shares (mm)					
Mega Cap								
	Exxon Mobil Corporation	XOM	87.64	3,520	309,000	72.10	0.16	1.18
	BP PLC	BP	51.94	3,720	193,000	48.90	0.17	1.05
	TOTAL Fina Elf S.A.	TOT	73.35	1,400	103,000	72.00	0.16	1.02
	Royal Dutch/Shell	RD	59.00	3,580	211,000	60.80	0.09	0.97
	<i>Total or Median</i>				816,000		0.16	1.03
Large Cap Natural Gas and Oil								
	Chevron (incl. Texaco)	CHV	94.02	1,060	99,700	103.40	0.15	0.92
	Burlington Resources, Inc	BR	45.96	216	9,900	60.50	0.17	0.80
	ENI S.p.A.	E	65.30	800	52,300	91.90	0.10	0.74
	Anadarko Petroleum Corp.	APC	62.49	249	15,500	90.90	0.17	0.74
	Conoco Inc.	COC.B	30.36	623	18,900	48.00	0.21	0.71
	Phillips (incl. Tosco)	P	59.51	379	22,600	102.10	0.27	0.70
	<i>Total or Median</i>				219,000		0.17	0.74
Large Cap Power								
	Enron Corp.	ENE	58.20	795	46,300	14.50	0.70	1.90
	Mirant Corporation	MIR	42.11	353	14,900	9.70	0.78	1.74
	Calpine Corporation	CPN	52.55	313	16,400	21.80	0.47	1.74
	Duke Energy Corporation	DUK	46.05	752	34,600	20.90	0.62	1.46
	Williams Companies	WMB	40.23	485	19,500	16.60	0.69	1.44
	El Paso Corporation	EPG	65.88	521	34,300	40.00	0.50	1.32
	American Electric Power Co. Inc.	AEP 2	48.18	324	15,600	25.90	0.73	1.23
	Southern Company	SO	22.60	683	15,400	16.90	0.54	1.15
	<i>Total or Median</i>				197,000		0.66	1.45
Mid Cap								
	Barrett Resources Corporation	BRR	71.08	34	2,400	53.80	0.21	1.26
	PanCanadian Pete Ltd. (15%)	PCP.TO	45.25	38	1,700	49.10	0.07	0.93
	Occidental Petroleum	OXY	29.50	370	10,900	35.60	0.46	0.91
	PetroChina Company Ltd (10%)	PTR	21.95	176	3,900	28.40	0.24	0.83
	Valero Energy Corp.	VLO	50.00	64	3,200	65.00	0.25	0.83
	Unocal Corporation	UCL	36.91	256	9,500	51.90	0.27	0.79
	USX-Marathon Group	MRO 1	31.81	360	11,500	47.00	0.30	0.77
	Petro-Canada	PCZ	26.39	272	7,200	38.70	0.08	0.71
	Devon Energy Corporation	DVN	56.69	135	7,700	89.70	0.15	0.69
	Norsk Hydro ASA	NHY	41.11	262	10,800	65.90	0.15	0.68
	<i>Total or Median</i>				64,700		0.22	0.81
Small Cap								
	Cross Timbers Royalty Tr*	CRT	22.97	6.0	138	17.50	-	1.31
	Dorchester Hugoton, Ltd.*	DHULZ	13.82	10.7	148	13.10	-	1.05
	San Juan Basin Royalty Tr*	SJT	17.94	46.6	840	17.20	-	1.04
	Encore Acquisition Corporation	EAC	15.05	30.0	450	16.70	0.12	0.91
	Hugoton RoyaltyTrust*	HGT	16.15	40.0	650	18.20	-	0.89
	Energy Partners Ltd.*	EPL 1	10.34	27.0	280	18.20	0.04	0.59
	<i>Total or Median</i>				2,510		-	0.98

Buy/Sell rating after symbol: 1 - Strong Buy, 2 - Buy

McDep Ratio = Market cap and Debt to present value of oil and gas and other businesses

* For small cap stocks marked with asterisk, estimated present value recalculated weekly.

Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment research by Kurt Wulff is accessible at <http://www.mcdep.com>. Owning shares in about 16 energy stocks, neither Mr. Wulff nor his spouse act contrary to a buy or sell rating. Mr. Wulff is not paid by covered companies.

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 14, 2001

Rank by EV/Ebitda		Symbol	Price	EV/		Dividend or		PV/ Ebitda NTM	
			(\$/sh) 11-May 2001	Sales 2001E	Ebitda NTM	P/E NTM	NTM NTM (%)		
Mega Cap									
		Exxon Mobil Corporation	XOM	87.64	1.5	8.3	18	2.0	7.0
		BP PLC	BP	51.94	1.3	7.4	12	2.7	7.0
		TOTAL Fina Elf S.A.	TOT	73.35	1.1	7.1	17	1.5	7.0
		Royal Dutch/Shell	RD	59.00	1.4	6.8	15	2.4	7.0
		<i>Median</i>			1.4	7.2	16	2.2	7.0
Large Cap Natural Gas and Oil									
		Chevron (incl. Texaco)	CHV	94.02	1.1	5.5	11	2.8	6.0
		Burlington Resources, Inc	BR	45.96	3.3	4.8	9	1.2	6.0
		Anadarko Petroleum Corp.	APC	62.49	2.1	4.4	9	0.3	6.0
		Conoco Inc.	COC.B	30.36	0.6	4.2	8	2.5	6.0
		Phillips (incl. Tosco)	P	59.51	0.7	4.2	7	2.3	6.0
		ENI S.p.A.	E	65.30	1.2	3.7	7	2.5	5.0
		<i>Median</i>			1.1	4.3	9	2.4	6.0
Large Cap Power									
		Enron Corp.	ENE	58.20	0.4	19.0	33	0.9	10.0
		Calpine Corporation	CPN	52.55	4.6	17.4	29	-	10.0
		Mirant Corporation	MIR	42.11	0.8	13.9	22	-	8.0
		Duke Energy Corporation	DUK	46.05	1.0	11.7	18	2.4	8.0
		Williams Companies	WMB	40.23	3.7	11.5	18	1.5	8.0
		El Paso Corporation	EPG	65.88	0.8	10.6	20	1.3	8.0
		American Electric Power Co. Inc.	AEP 2	48.18	0.7	8.6	13	5.0	7.0
		Southern Company	SO	22.60	2.7	8.1	14	5.9	7.0
		<i>Median</i>			0.9	11.6	19	1.4	8.0
Mid Cap									
		Barrett Resources Corporation	BRR	71.08	5.4	7.5	16	-	6.0
		PanCanadian Pete Ltd. (15%)	PCP.TO	45.25	1.9	5.6	13	0.6	6.0
		Occidental Petroleum	OXY	29.50	1.3	5.4	8	3.4	6.0
		PetroChina Company Ltd (10%)	PTR	21.95	2.0	5.0	7	6.5	6.0
		Valero Energy Corp.	VLO	50.00	0.3	5.0	7	0.6	6.0
		Unocal Corporation	UCL	36.91	1.7	4.7	13	2.2	6.0
		USX-Marathon Group	MRO 1	31.81	0.4	4.6	6	2.9	6.0
		Petro-Canada	PCZ	26.39	1.1	4.2	10	1.0	6.0
		Devon Energy Corporation	DVN	56.69	2.9	3.8	8	0.4	5.5
		Norsk Hydro ASA	NHY	41.11	0.8	2.7	7	2.5	4.0
		<i>Median</i>			1.5	4.9	8	1.6	6.0
Small Cap									
		Cross Timbers Royalty Tr*	CRT	22.97	6.8	10.5	11	9.2	8.0
		San Juan Basin Royalty Tr*	SJT	17.94	6.5	8.0	11	9.2	7.7
		Dorchester Hugoton, Ltd.*	DHULZ	13.82	5.6	7.0	8	8.9	6.7
		Hugoton RoyaltyTrust*	HGT	16.15	5.0	6.8	9	10.9	7.7
		Encore Acquisition Corporation	EAC	15.05	4.0	5.5		-	6.0
		Energy Partners Ltd.*	EPL 1	10.34	1.6	2.5	9	-	4.3
		<i>Median</i>			5.3	6.9	9	9.0	7.2

EV = Enterprise Value = Market Cap and Debt; Ebitda = Earnings before interest, tax, depreciation and amortization; NTM = Next Twelve Months Ended March 31, 2002; P/E = Stock Price to

Earnings; PV = Present Value of oil and gas and other businesses

Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment research by Kurt Wulff is accessible at <http://www.mcdep.com>. Owning shares in about 16 energy stocks, neither Mr. Wulff nor his spouse act contrary to a buy or sell rating. Mr. Wulff is not paid by covered companies.

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 14, 2001

Table CRT-1
Cross Timbers Royalty Trust
Present Value

Volume Decline (%/yr):	10	Price Escalation post 2007 (%/yr):	3.0
Volume Enhancement (%/yr):	10	Discount Rate (%/yr):	6.9
		U.S. TIPS Inflation (%/yr):	2.2
		U.S. 10 Year Yield (%/yr):	5.5

PV/Volume (\$/mcf):	2.42	PV/EBITDA 2001:	7.6
---------------------	------	-----------------	-----

Year	Natural Gas Volume			Price (\$/mcf)	Revenue (\$mm)	Oil		Distribution (\$/unit)	Tax Credit (\$/unit)	Disc Factor	Present Value (\$/unit)
	Basic (bcf)	Enhanced (bcf)	Total (bcf)			Net (\$mm)	Distribution (\$/unit)				
Total 2001 through 2030											
	23	20	43	4.29	186	4	190	31.68	0.23	0.55	17.50
2001	2.4	0.0	2.4	4.96	12.0	1.8	13.8	2.30	0.11	0.97	2.33
2002	2.2	0.2	2.4	4.23	10.2	1.3	11.5	1.92	0.11	0.91	1.84
2003	2.0	0.5	2.4	3.92	9.5	0.9	10.4	1.73		0.85	1.46
2004	1.8	0.7	2.4	3.82	9.2		9.2	1.54		0.79	1.22
2005	1.6	0.8	2.4	3.60	8.7		8.7	1.45		0.74	1.08
2006	1.4	1.0	2.4	3.41	8.3		8.3	1.38		0.69	0.95
2007	1.3	1.1	2.4	3.51	8.5		8.5	1.42		0.65	0.92
2008	1.2	1.3	2.4	3.62	8.8		8.8	1.46		0.61	0.89
2009	1.0	1.4	2.4	3.73	9.0		9.0	1.51		0.57	0.86
2010	0.9	1.5	2.4	3.84	9.3		9.3	1.55		0.53	0.82
2011	0.8	1.3	2.2	3.96	8.6		8.6	1.44		0.50	0.72
2012	0.8	1.2	2.0	4.08	8.0		8.0	1.33		0.47	0.62
2013	0.7	1.1	1.8	4.21	7.4		7.4	1.24		0.44	0.54
2014	0.6	1.0	1.6	4.33	6.9		6.9	1.15		0.41	0.47
2015	0.6	0.9	1.4	4.47	6.4		6.4	1.06		0.38	0.41
2016	0.5	0.8	1.3	4.60	5.9		5.9	0.99		0.36	0.35
2017	0.4	0.7	1.2	4.74	5.5		5.5	0.92		0.33	0.31
2018	0.4	0.6	1.0	4.89	5.1		5.1	0.85		0.31	0.26
2019	0.4	0.6	0.9	5.03	4.7		4.7	0.79		0.29	0.23
2020	0.3	0.5	0.8	5.19	4.4		4.4	0.73		0.27	0.20
2021	0.3	0.5	0.8	5.34	4.1		4.1	0.68		0.26	0.17
2022	0.3	0.4	0.7	5.51	3.8		3.8	0.63		0.24	0.15
2023	0.2	0.4	0.6	5.67	3.5		3.5	0.58		0.22	0.13
2024	0.2	0.3	0.6	5.85	3.2		3.2	0.54		0.21	0.11
2025	0.2	0.3	0.5	6.02	3.0		3.0	0.50		0.20	0.10
2026	0.2	0.3	0.4	6.21	2.8		2.8	0.46		0.18	0.09
2027	0.2	0.2	0.4	6.40	2.6		2.6	0.43		0.17	0.07
2028	0.1	0.2	0.4	6.59	2.4		2.4	0.40		0.16	0.06
2029	0.1	0.2	0.3	6.79	2.2		2.2	0.37		0.15	0.06
2030	0.1	0.2	0.3	7.00	2.1		2.1	0.34		0.14	0.05

Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment research by Kurt Wulff is accessible at <http://www.mcdep.com>. Owning shares in about 16 energy stocks, neither Mr. Wulff nor his spouse act contrary to a buy or sell rating. Mr. Wulff is not paid by covered companies.

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 14, 2001

Table CRT-2
Cross Timbers Royalty Trust
Distributable Income

	Q1	Q2	Q3	Q4	Year	Q1	Q2E	Q3E	Q4E	Year	Q1E	Next Twelve Months
	3/31/00	6/30/00	9/30/00	12/31/00	2000	3/31/01	6/30/01	9/30/01	12/31/01	2001E	3/31/02	3/31/02
Highlights												
Tax credit (\$mm)												
Per unit	0.03	0.03	0.03	0.03	0.12	0.02	0.03	0.03	0.03	0.11	0.03	0.12
Distributable Income (\$mm)	2.30	2.42	3.35	3.43	11.50	4.05	3.79	3.03	2.91	13.79	2.88	12.62
Per unit	0.38	0.40	0.56	0.57	1.92	0.67	0.63	0.51	0.49	2.30	0.48	2.10
Units (millions)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Volume												
Natural Gas (bcf)	0.80	0.77	0.83	0.68	3.08	0.66	0.67	0.68	0.68	2.69	0.67	2.70
Natural Gas (mmcf)	8.7	8.5	9.1	7.4	8.4	7.2	7.5	7.4	7.4	7.4	7.3	7.4
Days	92	91	91	92	366	92	89	92	92	365	92	365
Oil (mb)	88	81	93	82	344	83	80	80	78	321	76	314
Oil (mbd)	0.96	0.90	1.01	0.89	0.94	0.90	0.88	0.87	0.85	0.88	0.83	3.43
Days	92	90	92	92	366	92	89	92	92	365	92	365
Total (bcf)	1.33	1.26	1.39	1.17	5.14	1.16	1.15	1.16	1.14	4.61	1.13	4.58
Price												
Natural Gas (HH lagged three months)												
Henry Hub (\$/mmbtu)	2.45	2.62	3.63	4.48	3.29	6.52	6.31	4.58	4.40	5.45	4.63	4.98
Differential (\$/mmbtu)	(0.27)	(0.26)	0.16	0.14	(0.03)	0.41	0.63	0.46	0.44	0.49	0.46	0.50
CRT (\$/mcf)	2.72	2.88	3.47	4.33	3.32	6.11	5.68	4.12	3.96	4.96	4.17	4.48
Oil (\$/bbl) (WTI lagged two months)												
WTI Cushing	26.07	28.33	30.12	32.73	29.31	30.84	28.09	28.68	28.79	29.10	27.71	28.32
CRT	24.20	26.86	27.91	31.19	27.49	28.73	26.09	26.68	26.79	27.09	25.71	26.32
Total (\$/mcf)	3.25	3.50	3.94	4.70	3.83	5.54	5.12	4.25	4.17	4.77	4.22	4.44
Revenue (\$mm)												
Natural Gas	2.17	2.22	2.88	2.96	10.23	4.05	3.79	2.81	2.68	13.34	2.79	12.07
Oil	2.14	2.18	2.59	2.55	9.46	2.38	2.09	2.12	2.09	8.68	1.97	8.27
Total	4.31	4.40	5.47	5.51	19.69	6.43	5.88	4.94	4.77	22.02	4.76	20.34
Cost (\$mm)												
Tax, transport & other	0.58	0.61	0.74	0.64	2.57	0.84	0.76	0.64	0.62	2.87	0.62	2.64
Production	0.59	0.65	0.62	0.66	2.52	0.71	0.60	0.60	0.59	2.49	0.57	2.36
Total	1.17	1.26	1.36	1.30	5.09	1.55	1.36	1.24	1.21	5.36	1.19	5.00
Cash flow (\$mm)												
Development	3.13	3.14	4.11	4.22	14.60	4.88	4.51	3.70	3.56	16.66	3.56	15.34
Excess	0.21	0.13	0.16	0.23	0.74	0.16	0.16	0.16	0.16	0.65	0.23	0.72
Recovery of excess					-					-		-
	0.24	0.15			0.38							
Net proceeds (\$mm)	2.68	2.86	3.95	3.98	13.48	4.72	4.35	3.54	3.40	16.00	3.33	14.62
Royalty income (\$mm)												
Royalty/Net proceeds	2.35	2.48	3.39	3.44	11.66	4.11	3.83	3.07	2.95	13.97	2.92	12.78
	88%	87%	86%	86%	87%	87%	88%	87%	87%	87%	88%	87%
Administration	0.05	0.05	0.05	0.01	0.16	0.06	0.04	0.04	0.04	0.18	0.04	0.16
Distributable income (\$mm)												
	2.30	2.42	3.35	3.43	11.50	4.05	3.79	3.03	2.91	13.79	2.88	12.62
Modeling ratios												
Tax and other/revenue	0.13	0.14	0.13	0.12	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Production exp (\$/bbl)	6.71	8.00	6.69	8.04	7.32	8.58	7.50	7.50	7.50	7.78	7.50	7.50

Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment research by Kurt Wulff is accessible at <http://www.mcdep.com>. Owning shares in about 16 energy stocks, neither Mr. Wulff nor his spouse act contrary to a buy or sell rating. Mr. Wulff is not paid by covered companies.

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 14, 2001

Table DHULZ-1
Dorchester Hugoton, Ltd.
Present Value

Volume Decline (%/yr):	11	Price Escalation Post 2006 (%/yr):	3.0
Volume Enhancement (%/yr):	7	Discount rate (%/yr):	6.9
Capex/Cash Flow (%):	20	U.S. TIPS Inflation (%/yr):	2.2
Variable Cost (%):	11	U.S. 10 Year Yield (%/yr):	5.5
PV/Volume (\$/mcf):	2.11	PV/EBITDA 2001:	6.9

Year	Basic (bcf)	Volume Enhanced (bcf)	Total (bcf)	Price (\$/mcf)	Revenue (\$mm)	Fixed Cost (\$mm)	Var Cost (\$mm)	Cap Ex (\$mm)	Free Cash Flow (\$mm)	Free Cash Flow (\$/unit)	Disc Factor	Present Value (\$/unit)	
Total 2001 through 2030													
	54	30	84	4.20	353	87	39	30	197	18.20	0.72	13.10	
									Other assets, net	20.0	1.84	1.00	1.84
2001	6.3	0.0	6.3	5.24	32.9	3.5	3.6	5.2	20.6	1.90	0.97	1.84	
2002	5.6	0.4	6.0	4.39	26.5	3.5	2.9	4.0	16.1	1.48	0.91	1.34	
2003	5.0	0.8	5.8	3.92	22.7	3.5	2.5	3.3	13.4	1.23	0.85	1.04	
2004	4.4	1.1	5.6	3.82	21.2	3.5	2.3	3.1	12.3	1.14	0.79	0.90	
2005	3.9	1.4	5.3	3.60	19.2	3.5	2.1	2.7	10.9	1.01	0.74	0.75	
2006	3.5	1.6	5.1	3.41	17.5	3.5	1.9	2.4	9.7	0.89	0.69	0.62	
2007	3.1	1.8	4.9	3.51	17.3	3.5	1.9	2.4	9.5	0.88	0.65	0.57	
2008	2.8	1.9	4.7	3.62	17.1	3.5	1.9	2.3	9.4	0.87	0.61	0.53	
2009	2.5	2.1	4.5	3.73	16.9	3.5	1.9	2.3	9.3	0.85	0.57	0.49	
2010	2.2	2.1	4.3	3.84	16.7	3.5	1.8	2.3	9.1	0.84	0.53	0.45	
2011	2.0	2.2	4.2	3.96	16.5	3.5	1.8		11.3	1.04	0.50	0.52	
2012	1.7	2.0	3.7	4.08	15.2	3.5	1.7		10.0	0.93	0.47	0.43	
2013	1.6	1.8	3.3	4.21	13.9	3.5	1.5		8.9	0.82	0.44	0.36	
2014	1.4	1.6	2.9	4.33	12.8	3.5	1.4		7.9	0.73	0.41	0.30	
2015	1.2	1.4	2.6	4.47	11.7	3.5	1.3		6.9	0.64	0.38	0.24	
2016	1.1	1.2	2.3	4.60	10.7	3.5	1.2		6.1	0.56	0.36	0.20	
2017	1.0	1.1	2.1	4.74	9.8	3.5	1.1		5.3	0.49	0.33	0.16	
2018	0.9	1.0	1.8	4.89	9.0	3.5	1.0		4.6	0.42	0.31	0.13	
2019	0.8	0.9	1.6	5.03	8.3	3.5	0.9		3.9	0.36	0.29	0.10	
2020	0.7	0.8	1.5	5.19	7.6	3.5	0.8		3.3	0.30	0.27	0.08	
2021	0.6	0.7	1.3	5.34	7.0	3.5	0.8		2.7	0.25	0.26	0.06	
2022	0.5	0.6	1.2	5.51	6.4	3.5	0.7		2.2	0.20	0.24	0.05	
2023	0.5	0.5	1.0	5.67	5.9	3.5	0.6		1.7	0.16	0.22	0.04	
2024	0.4	0.5	0.9	5.85	5.4	3.5	0.6		1.3	0.12	0.21	0.03	
2025	0.4	0.4	0.8	6.02	4.9	3.5	0.5		0.9	0.08	0.20	0.02	

Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment research by Kurt Wulff is accessible at <http://www.mcdep.com>. Owning shares in about 16 energy stocks, neither Mr. Wulff nor his spouse act contrary to a buy or sell rating. Mr. Wulff is not paid by covered companies.

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 14, 2001

Table DHULZ-2
Dorchester Hugoton, Ltd.
Cash Flow

	Q1	Q2	Q3	Q4	Year	Q1	Q2E	Q3E	Q4E	Year	Q1E	Next Twelve Months
	3/31/00	6/30/00	9/30/00	12/31/00	2000	3/31/01	6/30/01	9/30/01	12/31/01	2001E	3/31/02	3/31/02
Highlights												
Revenue (\$mm)	4.16	5.57	7.04	8.42	25.2	11.38	6.71	6.45	6.73	31.3	6.64	26.5
Cash flow (\$mm)	3.09	3.87	5.69	7.11	19.8	9.63	5.37	5.13	5.38	25.5	5.28	21.2
Per unit	0.28	0.36	0.52	0.66	1.82	0.89	0.49	0.47	0.50	2.35	0.49	1.95
Earnings (\$mm)	2.64	3.40	5.24	6.69	18.0	9.22	4.96	4.72	4.97	23.9	4.89	19.5
Per unit	0.24	0.32	0.48	0.62	1.66	0.85	0.46	0.43	0.46	2.20	0.45	1.80
Distribution (\$mm)	3.01	1.93	2.36	2.36	9.7	2.90	4.51	2.90	2.90	13.2	2.90	13.2
Per unit	0.28	0.18	0.22	0.22	0.90	0.27	0.42	0.27	0.27	1.23	0.27	1.23
Units (millions)	10.74	10.74	10.74	10.74	10.7	10.74	10.74	10.74	10.74	10.7	10.74	10.7
Volume												
Natural gas (bcf)												
Oklahoma	1.39	1.37	1.43	1.38	5.6	1.35	1.33	1.33	1.33	5.3	1.28	5.3
Kansas	0.29	0.28	0.27	0.24	1.1	0.25	0.25	0.24	0.23	1.0	0.23	1.0
Total	1.68	1.66	1.70	1.62	6.7	1.57	1.57	1.57	1.56	6.3	1.51	6.2
Natural Gas (mmcf)	18.5	18.2	18.4	17.6	18.2	17.5	17.3	17.1	16.9	17.2	16.8	17.0
Days	91	91	92	92	366	90	91	92	92	365	90	365
Price												
Natural gas												
Henry Hub (\$/mmbtu)	2.62	3.63	4.48	6.52	4.31	6.31	4.58	4.40	4.63	4.98	4.72	4.58
Oklahoma (\$/mcf)	2.53	3.50	4.33	5.43	3.95	7.49	4.46	4.28	4.51	5.20	4.60	4.46
Kansas (\$/mcf)	2.72	3.58	4.41	5.54	3.99	7.60	4.54	4.36	4.59	5.30	4.68	4.54
Total (\$/mcf)	2.57	3.51	4.34	5.45	3.96	7.66	4.47	4.29	4.52	5.24	4.61	4.47
Revenue (\$mm)												
Natural Gas												
Oklahoma	3.53	4.81	6.18	7.51	22.0	10.13	5.92	5.71	5.98	27.7	5.88	23.5
Kansas	0.79	1.01	1.19	1.33	4.3	1.90	1.11	1.05	1.07	5.1	1.08	4.3
Other	0.05	0.05	0.06	0.05	0.2	0.06	0.05	0.05	0.05	0.2	0.05	0.2
Production payment (ORRI)	(0.21)	(0.30)	(0.39)	(0.47)	(1.4)	(0.72)	(0.37)	(0.36)	(0.37)	(1.8)	(0.37)	(1.5)
Total	4.16	5.57	7.04	8.42	25.2	11.38	6.71	6.45	6.73	31.3	6.64	26.5
Cost (\$mm)												
Operating	0.92	1.04	1.07	1.35	4.4	1.43	1.10	1.08	1.10	4.7	1.11	4.4
General and administrative	0.14	0.18	0.20	0.28	0.8	0.23	0.17	0.17	0.17	0.7	0.17	0.7
Management	0.13	0.14	0.16	0.17	0.6	0.20	0.15	0.15	0.15	0.7	0.15	0.6
Other	(0.11)	0.35	(0.07)	(0.49)	(0.3)	(0.10)	(0.08)	(0.08)	(0.08)	(0.3)	(0.08)	(0.3)
Total	1.07	1.70	1.35	1.31	5.4	1.75	1.35	1.32	1.35	5.8	1.36	5.4
Cash flow (\$mm)												
Depletion, deprec. & amort.	0.45	0.46	0.45	0.42	1.8	0.41	0.41	0.41	0.41	1.6	0.39	1.6
Earnings (\$mm)												
Earnings	2.64	3.40	5.24	6.69	18.0	9.22	4.96	4.72	4.97	23.9	4.89	19.5
Capital expenditures (\$mm)	0.04	0.13	0.23	0.09	0.5	0.05	0.80	0.77	0.81	2.4	0.79	3.2
Cost ratios												
Prod pay/revenue	4.8%	5.1%	5.3%	5.3%	5.2%	5.9%	5.3%	5.3%	5.3%	5.5%	5.3%	5.3%
Operating cost (\$/mcf)	0.54	0.63	0.63	0.83	0.66	0.91	0.70	0.69	0.71	0.75	0.74	0.71
Depletion (\$/mcf)	0.27	0.28	0.27	0.26	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.26

Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment research by Kurt Wulff is accessible at <http://www.mcdep.com>. Owning shares in about 16 energy stocks, neither Mr. Wulff nor his spouse act contrary to a buy or sell rating. Mr. Wulff is not paid by covered companies.

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 14, 2001

Table HGT-1
Hugoton Royalty Trust
Present Value

Volume Decline (%/yr):	10	Price Escalation Post 2006 (%/yr):	3.0
Volume Enhancement (%/yr):	10	Discount rate (%/yr):	6.9
Capex/Cash Flow (%):	25	U.S. TIPS Inflation (%/yr):	2.2
Variable Cost (%):	12	U.S. 10 Year Yield (%/yr):	5.5
PV/Volume (\$/mcf):	1.31	PV/EBITDA 2001:	6.7

Year	Basic (bcf)	Volume Enhanced (bcf)	Total (bcf)	Price (\$/mcf)	Revenue (\$mm)	Fixed Cost (\$mm)	Var Cost (\$mm)	Cap Ex (\$mm)	Distribution (\$mm)	(\$/unit)	Tax Credit (\$/unit)	Disc Factor	Present Value (\$/unit)
Total 200 through 2030	297	258	555	4.27	2371	543	285	212	1332	33.30	0.03	0.55	18.20
2001	31.0	0.0	31.0	4.68	144.9	18.1	17.4	23.3	86.1	2.15	0.01	0.97	2.10
2002	27.9	3.1	31.0	4.17	129.3	18.1	15.5	23.9	71.8	1.79	0.01	0.91	1.64
2003	25.1	5.9	31.0	3.92	121.5	18.1	14.6	22.2	66.6	1.67		0.85	1.41
2004	22.6	8.4	31.0	3.82	118.2	18.1	14.2	21.5	64.5	1.61		0.79	1.28
2005	20.3	10.7	31.0	3.60	111.6	18.1	13.4	20.0	60.1	1.50		0.74	1.11
2006	18.3	12.7	31.0	3.41	105.7	18.1	12.7	18.7	56.2	1.40		0.69	0.97
2007	16.5	14.5	31.0	3.51	108.9	18.1	13.1	19.4	58.3	1.46		0.65	0.95
2008	14.8	16.2	31.0	3.62	112.2	18.1	13.5	20.2	60.5	1.51		0.61	0.92
2009	13.3	17.6	31.0	3.73	115.6	18.1	13.9	20.9	62.7	1.57		0.57	0.89
2010	12.0	19.0	31.0	3.84	119.1	18.1	14.3	21.7	65.0	1.63		0.53	0.86
2011	10.8	17.1	27.9	3.96	110.5	18.1	13.3		79.1	1.98		0.50	0.98
2012	9.7	15.4	25.1	4.08	102.4	18.1	12.3		72.1	1.80		0.47	0.84
2013	8.8	13.8	22.6	4.21	95.0	18.1	11.4		65.5	1.64		0.44	0.71
2014	7.9	12.5	20.3	4.33	88.1	18.1	10.6		59.4	1.49		0.41	0.61
2015	7.1	11.2	18.3	4.47	81.7	18.1	9.8		53.8	1.34		0.38	0.51
2016	6.4	10.1	16.5	4.60	75.8	18.1	9.1		48.6	1.21		0.36	0.43
2017	5.7	9.1	14.8	4.74	70.3	18.1	8.4		43.7	1.09		0.33	0.36
2018	5.2	8.2	13.3	4.89	65.2	18.1	7.8		39.2	0.98		0.31	0.31
2019	4.7	7.4	12.0	5.03	60.4	18.1	7.3		35.1	0.88		0.29	0.26
2020	4.2	6.6	10.8	5.19	56.0	18.1	6.7		31.2	0.78		0.27	0.21
2021	3.8	6.0	9.7	5.34	52.0	18.1	6.2		27.6	0.69		0.26	0.18
2022	3.4	5.4	8.8	5.51	48.2	18.1	5.8		24.3	0.61		0.24	0.15
2023	3.1	4.8	7.9	5.67	44.7	18.1	5.4		21.2	0.53		0.22	0.12
2024	2.7	4.3	7.1	5.85	41.4	18.1	5.0		18.4	0.46		0.21	0.10
2025	2.5	3.9	6.4	6.02	38.4	18.1	4.6		15.7	0.39		0.20	0.08
2026	2.2	3.5	5.7	6.21	35.6	18.1	4.3		13.3	0.33		0.18	0.06
2027	2.0	3.2	5.2	6.40	33.1	18.1	4.0		11.0	0.27		0.17	0.05
2028	1.8	2.8	4.7	6.59	30.7	18.1	3.7		8.9	0.22		0.16	0.04
2029	1.6	2.6	4.2	6.79	28.4	18.1	3.4		6.9	0.17		0.15	0.03
2030	1.5	2.3	3.8	7.00	26.4	18.1	3.2		5.1	0.13		0.14	0.02

Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment research by Kurt Wulff is accessible at <http://www.mcdep.com>. Owning shares in about 16 energy stocks, neither Mr. Wulff nor his spouse act contrary to a buy or sell rating. Mr. Wulff is not paid by covered companies.

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 14, 2001

Table HGT-2
Hugoton Royalty Trust
Distributable Income

	Q1	Q2	Q3	Q4	Year	Q1E	Q2E	Q3E	Q4E	Year	Q1E	Next Twelve Months
	3/31/00	6/30/00	9/30/00	12/31/00	2000	3/31/01	6/30/01	9/30/01	12/31/01	2001E	3/31/02	3/31/02
Highlights												
Revenue (\$mm) (80%)	20.0	19.8	28.2	33.6	101.6	48.8	35.2	30.0	30.8	144.9	32.8	128.9
Cash flow (\$mm) (80%)	14.1	13.9	20.8	25.4	74.2	38.5	26.4	21.5	22.3	108.8	24.1	94.4
Per unit	0.35	0.35	0.52	0.64	1.86	0.96	0.66	0.54	0.56	2.72	0.60	2.36
Tax credit (\$mm)	0.1	0.1	0.1	0.1	0.6	0.1	0.1	0.1	0.1	0.6	0.1	0.6
Per unit	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01
Distributable Income (\$mm)	10.9	11.3	16.2	18.3	56.7	33.7	19.7	16.1	16.6	86.1	18.0	70.5
Per unit	0.27	0.28	0.40	0.46	1.42	0.84	0.49	0.40	0.42	2.15	0.45	1.76
Units (millions)	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Volume												
Natural Gas (bcf)	9.7	8.6	9.1	9.4	36.8	9.2	8.9	9.2	9.2	36.5	9.2	36.5
Natural Gas (mmcf)	105.5	96.0	98.4	102.7	100.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
Days	92	90	92	92	366	92	89	92	92	365	92	365
Oil (mb)	100	105	98	98	400	97	93	95	94	378	93	374
Oil (mbd)	1.1	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0
Days	92	90	92	92	366	92	89	92	92	365	92	365
Total (bcf)	10.3	9.3	9.6	10.0	39.2	9.8	9.4	9.8	9.8	38.7	9.7	38.7
Price												
Natural Gas (HH lagged two months)												
Henry Hub (\$/mmbtu)	2.35	2.82	3.94	4.83	3.49	7.57	5.30	4.31	4.44	5.40	4.76	4.70
Differential (\$/mmbtu)	0.04	0.29	0.37	0.72	0.35	1.25	0.64	0.52	0.53	0.73	0.57	0.57
HGT (\$/mcf)	2.32	2.54	3.57	4.11	3.14	6.31	4.67	3.79	3.91	4.67	4.19	4.13
Oil (\$/bbl) (WTI Cushing lagged two months)												
WTI Cushing	26.07	28.33	30.12	31.56	29.02	30.84	28.09	28.68	28.79	29.10	27.71	28.32
HGT	25.19	27.63	29.71	32.31	28.67	30.34	27.59	28.18	28.29	28.61	27.21	27.82
Total (\$/mcf)	2.43	2.68	3.65	4.19	3.24	6.24	4.66	3.84	3.95	4.68	4.21	4.16
Revenue (\$mm)												
Natural Gas	22.5	21.9	32.3	38.9	115.6	58.0	41.5	34.8	35.9	170.3	38.5	150.8
Oil	2.5	2.9	2.9	3.2	11.5	2.9	2.6	2.7	2.7	10.8	2.5	10.4
Total	25.0	24.8	35.2	42.0	127.0	61.0	44.1	37.5	38.6	181.1	41.1	161.2
Cost (\$mm)												
Tax, transport & other	2.4	2.4	3.4	3.8	12.0	6.1	4.4	3.8	3.9	18.1	4.1	16.1
Production	3.3	3.2	3.9	4.6	15.0	4.9	4.7	4.9	4.9	19.4	4.9	19.4
Overhead	1.7	1.8	1.9	1.8	7.2	1.8	1.9	2.0	2.0	7.6	1.9	7.7
Total	7.4	7.4	9.2	10.3	34.3	12.8	11.0	10.6	10.7	45.1	10.9	43.2
Cash flow (\$mm)	17.6	17.4	26.0	31.8	92.8	48.1	33.0	26.9	27.9	136.0	30.1	118.0
Development	3.9	3.3	5.8	8.9	21.8	7.1	8.3	6.7	7.0	29.1	7.5	29.5
Net proceeds (\$mm)	13.7	14.1	20.3	22.9	71.0	41.0	24.8	20.2	20.9	106.9	22.6	88.5
Royalty income (\$mm)												
Royalty/Net proceeds	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%
Administration	0.0	0.0	0.0	(0.0)	0.1	(0.8)	0.1	0.1	0.1	(0.6)	0.1	0.3
Distributable income (\$mm)	10.9	11.3	16.2	18.3	56.7	33.7	19.7	16.1	16.6	86.1	18.0	70.5
Cost ratios												
Tax and other/revenue	10%	10%	10%	9%	9%	10%	10%	10%	10%	10%	10%	10%
Production cost (\$/mcf)	0.32	0.35	0.40	0.46	0.38	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Overhead cost (\$/mcf)	0.17	0.19	0.20	0.18	0.18	0.19	0.20	0.20	0.20	0.20	0.20	0.20

Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment research by Kurt Wulff is accessible at <http://www.mcdep.com>. Owning shares in about 16 energy stocks, neither Mr. Wulff nor his spouse act contrary to a buy or sell rating. Mr. Wulff is not paid by covered companies.

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 14, 2001

Table SJT-1
San Juan Basin Royalty Trust
Present Value

Volume Decline (%/yr):	10	Price Escalation Post 2006 (%/yr):	3.0
Volume Enhancement (%/yr):	10	Discount rate (%/yr):	6.9
Capex/Cash Flow (%):	25	U.S. TIPS Inflation (%/yr):	2.2
Variable Cost (%):	9	U.S. 10 Year Yield (%/yr):	5.5
PV/Volume (\$/mcf):	1.34	PV/EBITDA 2001:	6.7

Year	Basic (bcf)	Volume Enhanced (bcf)	Total (bcf)	Price (\$/mcf)	Revenue (\$mm)	Fixed Cost (\$mm)	Var Cost (\$mm)	Cap Ex (\$mm)	Distribution (\$mm)	(\$/unit)	Tax Credit (\$/unit)	Disc Factor	Present Value (\$/unit)
Total 2001 through 2030													
	320	279	599	3.83	2295	388	207	224	1476	31.68	0.32	0.54	17.20
2001	33.4	0.0	33.4	4.34	145.2	12.9	13.1	24.2	95.0	2.04	0.16	0.97	2.13
2002	30.1	3.3	33.4	3.73	124.9	12.9	11.2	25.2	75.5	1.62	0.16	0.91	1.61
2003	27.1	6.4	33.4	3.51	117.3	12.9	10.6	23.5	70.4	1.51		0.85	1.28
2004	24.4	9.1	33.4	3.41	114.2	12.9	10.3	22.7	68.2	1.46		0.79	1.16
2005	21.9	11.5	33.4	3.22	107.8	12.9	9.7	21.3	63.8	1.37		0.74	1.02
2006	19.7	13.7	33.4	3.05	102.0	12.9	9.2	20.0	59.9	1.29		0.69	0.89
2007	17.8	15.7	33.4	3.14	105.1	12.9	9.5	20.7	62.1	1.33		0.65	0.86
2008	16.0	17.4	33.4	3.24	108.3	12.9	9.8	21.4	64.2	1.38		0.61	0.84
2009	14.4	19.0	33.4	3.34	111.6	12.9	10.0	22.2	66.5	1.43		0.57	0.81
2010	13.0	20.5	33.4	3.44	115.0	12.9	10.4	22.9	68.8	1.48		0.53	0.78
2011	11.7	18.4	30.1	3.54	106.7	12.9	9.6		84.1	1.81		0.50	0.90
2012	10.5	16.6	27.1	3.65	98.9	12.9	8.9		77.1	1.65		0.47	0.77
2013	9.4	14.9	24.4	3.76	91.7	12.9	8.3		70.5	1.51		0.44	0.66
2014	8.5	13.4	21.9	3.88	85.1	12.9	7.7		64.5	1.38		0.41	0.56
2015	7.6	12.1	19.7	4.00	78.9	12.9	7.1		58.9	1.26		0.38	0.48
2016	6.9	10.9	17.8	4.12	73.2	12.9	6.6		53.6	1.15		0.36	0.41
2017	6.2	9.8	16.0	4.24	67.8	12.9	6.1		48.8	1.05		0.33	0.35
2018	5.6	8.8	14.4	4.37	62.9	12.9	5.7		44.3	0.95		0.31	0.30
2019	5.0	7.9	13.0	4.50	58.3	12.9	5.3		40.2	0.86		0.29	0.25
2020	4.5	7.1	11.7	4.64	54.1	12.9	4.9		36.3	0.78		0.27	0.21
2021	4.1	6.4	10.5	4.78	50.2	12.9	4.5		32.7	0.70		0.26	0.18
2022	3.7	5.8	9.4	4.93	46.5	12.9	4.2		29.4	0.63		0.24	0.15
2023	3.3	5.2	8.5	5.08	43.2	12.9	3.9		26.3	0.57		0.22	0.13
2024	3.0	4.7	7.6	5.23	40.0	12.9	3.6		23.5	0.50		0.21	0.11
2025	2.7	4.2	6.9	5.39	37.1	12.9	3.3		20.8	0.45		0.20	0.09
2026	2.4	3.8	6.2	5.55	34.4	12.9	3.1		18.4	0.39		0.18	0.07
2027	2.2	3.4	5.6	5.72	31.9	12.9	2.9		16.1	0.35		0.17	0.06
2028	1.9	3.1	5.0	5.90	29.6	12.9	2.7		14.0	0.30		0.16	0.05
2029	1.7	2.8	4.5	6.08	27.4	12.9	2.5		12.0	0.26		0.15	0.04
2030	1.6	2.5	4.1	6.26	25.5	12.9	2.3		10.2	0.22		0.14	0.03

Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment research by Kurt Wulff is accessible at <http://www.mcdep.com>. Owning shares in about 16 energy stocks, neither Mr. Wulff nor his spouse act contrary to a buy or sell rating. Mr. Wulff is not paid by covered companies.

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 14, 2001

Table SJT-2
San Juan Basin Royalty Trust
Distributable Income

	Q1	Q2	Q3	Q4	Year	Q1E	Q2E	Q3E	Q4E	Year	Q1E	Next Twelve Months
	3/31/00	6/30/00	9/30/00	12/31/00	2000	3/31/01	6/30/01	9/30/01	12/31/01	2001E	3/31/02	3/31/02
Highlights												
Revenue (\$mm) (75%)	17.3	19.3	29.0	29.9	95.5	49.4	35.9	29.6	30.2	145.2	32.2	127.9
Cash flow (\$mm) (75%)	13.3	13.7	23.6	25.2	75.7	42.1	29.6	23.8	24.4	119.8	26.2	103.9
Per unit	0.28	0.29	0.51	0.54	1.62	0.90	0.63	0.51	0.52	2.57	0.56	2.23
Tax credit (\$mm)	1.9	1.9	1.9	1.9	7.5	1.9	1.9	1.9	1.9	7.5	1.9	7.5
Per unit	0.04	0.04	0.04	0.04	0.16	0.04	0.04	0.04	0.04	0.16	0.04	0.16
Distributable Income (\$mm)	9.9	13.2	19.7	16.5	59.2	37.3	22.0	17.7	18.1	95.0	19.4	77.2
Per unit	0.21	0.28	0.42	0.35	1.27	0.80	0.47	0.38	0.39	2.04	0.42	1.66
Units (millions)	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
Volume												
Natural gas (mmbtu)												
Conventional	7.0	7.1	8.4									
Coal Seam	3.6	3.9	4.0									
Total	10.6	11.0	12.4	11.2	45.1	11.8	11.5	11.6	11.5	46.4	11.4	46.0
Heat Content(btu/cf)	1,053	1,028	1,104	1,084	1,068	1,052	1,052	1,052	1,052	1,052	1,052	1,052
Natural gas (bcf)												
Conventional	5.9	6.3	6.7									
Coal Seam	4.1	4.4	4.5									
Total	10.1	10.7	11.2	10.3	42.2	11.3	10.9	11.0	10.9	44.1	10.9	43.7
Natural Gas (mmcf)	109.6	118.5	121.6	111.8	115.4	122.4	121.2	120.0	118.8	120.6	119.4	119.9
Days	92	90	92	92	366	92	90	92	92	366	91	365
Oil (mb)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Oil (mcb)	0.3	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Days	92	90	92	92	366	92	90	92	92	366	91	365
Total gas & oil (bcf)	10.2	10.8	11.4	10.4	42.8	11.4	11.0	11.2	11.0	44.6	11.0	44.2
Price												
Natural gas (\$/mmbtu) (Henry Hub lagged two months)												
Henry Hub (\$/mmbtu)	2.35	2.82	3.94	4.83	3.49	7.57	5.30	4.31	4.44	5.40	4.76	4.70
Differential (\$/mmbtu)	0.23	0.52	0.87	1.31	0.72	1.90	1.17	0.95	0.98	1.27	1.05	1.04
SJT Conventional	2.17	2.36	3.14									
SJT Coal Seam	2.03	2.20	2.92									
Total	2.12	2.30	3.07	3.52	2.77	5.53	4.14	3.36	3.46	4.13	3.72	3.67
Natural gas (\$/mcf)												
Conventional	2.54	2.67	3.95									
Coal Seam	1.79	1.94	2.56									
Total	2.23	2.37	3.39	3.81	2.96	5.81	3.93	3.19	3.29	4.34	3.53	3.86
Oil (\$/bbl) (WTI Cushing lagged two months)												
WTI Cushing	26.07	28.33	30.12	32.73	29.31	28.79	28.09	28.68	28.91	28.62	28.45	28.53
SJT	22.48	21.66	25.58	28.37	24.66	24.79	24.09	24.68	24.91	24.62	24.45	24.53
Total gas & oil (\$/mcf)	2.25	2.38	3.40	3.83	2.97	5.80	4.35	3.54	3.65	4.34	3.91	3.86
Revenue (\$mm)												
Natural Gas - Conventional	15.1	16.8	26.3									
Coal Seam	7.4	8.5	11.6									
Total	22.5	25.2	37.9	39.2	124.9	65.5	47.5	39.0	39.8	191.7	42.5	168.7
Oil	0.5	0.5	0.7	0.7	2.4	0.5	0.4	0.5	0.5	1.8	0.4	1.8
Total	23.0	25.7	38.6	39.9	127.3	65.9	47.9	39.5	40.2	193.5	42.9	170.5
Cost (\$mm)												
Severance tax	2.2	2.3	4.2	3.6	12.3	6.5	4.8	3.9	4.0	19.3	4.3	17.1
Operating	3.1	5.2	3.1	2.7	14.0	3.3	3.7	3.8	3.7	14.5	3.7	14.9
Total	5.4	7.5	7.2	6.3	26.3	9.8	8.5	7.7	7.7	33.7	8.0	31.9
Cash flow (\$mm)	17.7	18.2	31.4	33.6	101.0	56.1	39.4	31.8	32.5	159.8	34.9	138.6
Development	4.6	4.8	5.0	11.2	25.6	6.3	9.9	7.9	8.1	32.2	8.7	34.6
Net proceeds (\$mm)	13.1	13.5	26.4	22.4	75.4	49.8	29.6	23.8	24.4	127.5	26.2	103.9
Royalty income (\$mm)	9.8	10.1	19.8	16.8	56.5	37.3	22.2	17.9	18.3	95.7	19.6	78.0
Royalty/Net proceeds	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	3.0
Administration	0.2	0.4	0.2	0.3	1.1	0.1	0.2	0.2	0.2	0.7	0.2	0.8
One-time	0.3	3.5			3.7					-		-
Distributable income (\$mm)	9.9	13.2	19.7	16.5	59.2	37.3	22.0	17.7	18.1	95.0	19.4	77.2
Modeling ratios												
Severance tax/revenue	9.8%	9.0%	10.8%	9.0%	9.7%	9.9%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
Operating cost (\$/mcf)	0.30	0.48	0.27	0.26	0.33	0.29	0.34	0.34	0.34	0.32	0.34	0.34

Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment research by Kurt Wulff is accessible at <http://www.mcdep.com>. Owning shares in about 16 energy stocks, neither Mr. Wulff nor his spouse act contrary to a buy or sell rating. Mr. Wulff is not paid by covered companies.

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 14, 2001

Table EPL-1
Energy Partners, Ltd.
Present Value

Volume Decline (%/yr):	15	Price Escalation post 2006 (%/yr):	2.2
Volume Enhancement (%/yr):	34	Discount rate (%/yr):	6.9
Capex/Cash Flow (%):	100	U.S. TIPS Inflation (%/yr):	2.2
Variable Cost (%):	16	U.S. 10 Year Yield (%/yr):	5.5
PV/Volume (\$/bbl):	3.50	PV/EBITDA 2001:	4.3
PV/Share (\$):	18.20		

Year	Basic (mb)	Volume Enhanced (mb)	Total (mb)	Price (\$/bbl)	Revenue (\$mm)	Fixed Cost (\$mm)	Var Cost (\$mm)	Cap Ex (\$mm)	Pre- Tax (\$mm)	Income Tax (\$mm)	Cash Flow (\$mm)	Disc Factor	Present Value (\$mm)
Total 2001 through 2020													
	42700	102700	145400	23.56	3425	702	548	1047	1128	161	967	0.45	510
2001	6666	0	6666	27.46	183	35	29	119	0	0	0	0.97	0
2002	5666	2266	7932	25.73	204	35	33	136	0	0	0	0.91	0
2003	4816	4623	9439	23.77	224	35	36	153	0	0	0	0.85	0
2004	4094	7139	11233	22.68	255	35	41	179	0	0	0	0.79	0
2005	3480	9888	13367	21.92	293	35	47	211	0	0	0	0.74	0
2006	2958	12949	15907	21.24	338	35	54	249	0	0	0	0.69	0
2007	2514	11007	13521	21.72	294	35	47		212	30	181	0.65	118
2008	2137	9356	11493	22.20	255	35	41		179	26	154	0.61	93
2009	1816	7952	9769	22.70	222	35	35		151	22	130	0.57	74
2010	1544	6760	8304	23.21	193	35	31		127	18	109	0.53	58
2011	1312	5746	7058	23.73	167	35	27		106	15	91	0.50	45
2012	1115	4884	5999	24.26	146	35	23		87	12	75	0.47	35
2013	948	4151	5099	24.80	126	35	20		71	10	61	0.44	27
2014	806	3529	4334	25.36	110	35	18		57	8	49	0.41	20
2015	685	2999	3684	25.93	96	35	15		45	6	39	0.38	15
2016	582	2549	3132	26.51	83	35	13		35	5	30	0.36	11
2017	495	2167	2662	27.10	72	35	12		26	4	22	0.33	7
2018	421	1842	2263	27.71	63	35	10		18	3	15	0.31	5
2019	358	1566	1923	28.33	54	35	9		11	2	9	0.29	3
2020	304	1331	1635	28.96	47	35	8		5	1	4	0.27	1

Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment research by Kurt Wulff is accessible at <http://www.mcdep.com>. Owning shares in about 16 energy stocks, neither Mr. Wulff nor his spouse act contrary to a buy or sell rating. Mr. Wulff is not paid by covered companies.

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 14, 2001

Table EPL-2
Energy Partners, Ltd.
Cash Flow

	<i>H1</i>	<i>Q3</i>	<i>Q4</i>	<i>Year</i>	<i>Q1</i>	<i>Q2E</i>	<i>Q3E</i>	<i>Q4E</i>	<i>Year</i>	<i>Q1E</i>	<i>Next</i>
	<i>6/30/00</i>	<i>9/30/00</i>	<i>12/31/00</i>	<i>2000</i>	<i>3/31/01</i>	<i>6/30/01</i>	<i>9/30/01</i>	<i>12/31/01</i>	<i>2001E</i>	<i>3/31/02</i>	<i>Twelve</i>
											<i>Months</i>
											<i>3/31/02</i>
Highlights											
Revenue (\$mm)	30.4	30.7	42.0	103.1	49.9	39.5	44.1	49.5	183.1	50.4	183.5
EBITDAX (\$mm)	18.0	19.5	24.1	61.6	35.2	23.7	28.1	32.9	119.9	34.0	118.7
Cash Flow (\$mm)	15.4	17.2	23.1	55.7	35.1	23.3	27.7	32.5	118.7	33.6	117.1
Per share (\$)		0.95	1.21		1.30	0.87	1.03	1.20	4.40	1.25	4.35
Net Income (\$mm)	2.3	5.2	(32.9)	(25.4)	14.0	5.0	7.3	9.3	35.6	9.7	31.3
Per share		0.29	(1.73)		0.52	0.19	0.27	0.35	1.32	0.36	1.16
Shares (millions)		18.1	19.0		27.0	27.0	27.0	27.0	27.0	27.0	27.0
Volume											
Natural Gas (bcf)	1.48	1.49	2.81	5.78	3.01	3.65	4.14	4.60	15.41	4.68	17.07
Natural Gas (mmcf)	8.1	16.1	30.6	15.8	33.5	40.2	45.0	50.0	42.2	52.0	46.8
Days	182	92	92	366	90	91	92	92	365	90	365
Oil (mb)	965	899	925	2,790	964	975	1,012	1,146	4,098	1,200	4,333
Oil (mbd)	5.30	9.78	10.05	7.62	10.72	10.72	11.00	12.46	11.23	13.33	11.87
Total (mb)	1,212	1,147	1,394	3,752	1,466	1,584	1,702	1,913	6,666	1,980	7,179
Total (mbd)	6.7	12.5	15.1	10.3	16.3	17.4	18.5	20.8	18.3	22.0	19.7
Price											
Natural Gas											
Henry Hub (\$/mmbtu)	3.13	4.48	6.52	4.31	6.31	4.58	4.40	4.63	4.98	4.72	4.98
Differential (\$/mmbtu)	(0.40)	(0.29)	0.67	(0.66)	(1.24)	0.46	0.44	0.46	0.22	0.47	0.85
EPL (\$/mcf)	3.52	4.77	5.85	4.98	7.55	4.12	3.96	4.17	4.76	4.25	4.13
Oil (\$/bbl)											
WTI Cushing	28.81	31.61	32.00	30.31	28.81	28.12	29.00	28.08	28.50	27.01	28.50
Differential	3.12	5.43	6.46	4.51	4.52	3.08	1.60	1.60	2.65	1.60	2.43
EPL	25.69	26.18	25.54	25.80	24.29	25.04	27.40	26.48	25.85	25.41	26.07
Total (\$/bbl)	25.05	26.79	30.13	27.47	31.48	24.92	25.93	25.89	27.46	25.43	25.56
Revenue (\$mm)											
Natural Gas	5.2	7.1	16.4	28.7	22.7	15.1	16.4	19.2	73.4	19.9	70.5
Oil	24.8	23.5	23.6	72.0	23.4	24.4	27.7	30.4	105.9	30.5	113.0
Other	0.3	0.1	1.9	2.4	3.8				3.8		-
Total	30.4	30.7	42.0	103.1	49.9	39.5	44.1	49.5	183.1	50.4	183.5
Cost (\$mm)											
Lease operating	6.1	6.4	11.5	24.1	9.0	9.5	9.5	9.9	38.0	9.6	38.6
Production taxes	1.9	1.7	2.7	6.3	1.8	2.0	2.2	2.5	8.5	2.5	9.2
General and administrative	4.3	3.0	3.7	11.1	3.9	4.3	4.3	4.3	16.7	4.3	17.0
Total	12.3	11.2	17.9	41.5	14.7	15.7	16.0	16.7	63.1	16.4	64.8
EBITDAX (\$mm)	18.0	19.5	24.1	61.6	35.2	23.7	28.1	32.9	119.9	34.0	118.7
Other cash incl. int. tax	2.6	2.4	1.0	5.9	0.1	0.4	0.4	0.4	1.3	0.4	1.6
Cash Flow (\$mm)	15.4	17.2	23.1	55.7	35.1	23.3	27.7	32.5	118.7	33.6	117.1
Exploration	0.8	0.3	0.6	1.7	1.4	3.0	3.0	3.0	10.4	3.0	12.0
Deprec., Deplet., & Amort.	8.3	7.5	9.8	25.6	10.7	11.7	12.6	14.2	49.2	14.7	53.1
Amort. Financing Cost	0.3	0.3	0.5	1.1	0.2	0.3	0.3	0.3	1.1	0.3	1.2
Other non cash	(0.7)	0.7	41.7	41.7	0.7	0.3	0.3	0.3	1.6	0.3	1.2
Income before income tax	6.8	8.4	(29.6)	(14.5)	22.1	8.0	11.5	14.7	56.3	15.3	49.6
Deferred income tax	4.5	3.2	3.3	10.9	8.0	3.0	4.3	5.4	20.7	5.6	18.3
Net income (\$mm)	2.3	5.2	(32.9)	(25.4)	14.0	5.0	7.3	9.3	35.6	9.7	31.3
Costs (\$/bbl)											
Lease operating	5.03	5.61	8.28	6.41	6.13	6.00	5.60	5.20	5.70	4.85	5.37
Production taxes	1.57	1.52	1.94	1.69	1.23	1.25	1.30	1.29	1.27	1.27	1.28
General and administrative	3.57	2.65	2.65	2.95	2.68	2.68	2.50	2.22	2.50	2.15	2.37
Deprec., Deplet., & Amort.	6.84	6.54	7.04	6.82	7.33	7.40	7.40	7.40	7.38	7.40	7.40
<i>Tax rate</i>		38%			36%	37%	37%	37%	37%	37%	37%

Analyses are prepared from original sources and data believed to be reliable, but no representation is made as to their accuracy or completeness. Independent energy investment research by Kurt Wulff is accessible at <http://www.mcdep.com>. Owning shares in about 16 energy stocks, neither Mr. Wulff nor his spouse act contrary to a buy or sell rating. Mr. Wulff is not paid by covered companies.