

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 7, 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. 1

Meter Reader

A Weekly Analysis of Energy Stocks Using the McDep Ratio

May 7, 2001

Rank by McDep Ratio			Price (\$/sh)	Shares	Market Cap (\$mm)	Net Present Value (\$/sh)	Debt/ Present Value	McDep Ratio
	Symbol/ Rating	4-May 2001	(mm)					
Mega Cap								
	Exxon Mobil Corporation	XOM	87.55	3,520	308,000	72.10	0.16	1.18
	BP PLC	BP	51.90	3,720	193,000	48.90	0.17	1.05
	TOTAL Fina Elf S.A.	TOT	72.25	1,400	101,000	72.00	0.16	1.00
	Royal Dutch/Shell	RD	58.75	3,580	210,000	60.80	0.09	0.97
	<i>Total or Median</i>				<i>812,000</i>		<i>0.16</i>	<i>1.03</i>
Large Cap Natural Gas and Oil								
	Chevron (incl. Texaco)	CHV	93.35	1,060	99,000	103.40	0.15	0.92
	Burlington Resources, Inc	BR	44.28	216	9,600	60.50	0.17	0.78
	ENI S.p.A.	E	66.60	800	53,300	91.90	0.10	0.75
	Anadarko Petroleum Corp.	APC	62.06	249	15,400	90.90	0.17	0.73
	Conoco Inc.	COC.B	30.38	623	18,900	48.00	0.21	0.71
	Phillips (incl. Tosco)	P	57.46	379	21,800	102.10	0.27	0.68
	<i>Total or Median</i>				<i>218,000</i>		<i>0.17</i>	<i>0.74</i>
Large Cap Power								
	Enron Corp.	ENE	59.48	795	47,300	14.50	0.70	1.93
	Calpine Corporation	CPN	54.10	313	16,900	21.80	0.47	1.78
	Mirant Corporation	MIR	39.08	353	13,800	9.70	0.78	1.67
	Williams Companies	WMB	41.67	485	20,200	16.60	0.69	1.46
	Duke Energy Corporation	DUK	45.84	752	34,500	20.90	0.62	1.46
	El Paso Corporation	EPG	67.55	521	35,200	40.00	0.50	1.34
	American Electric Power Co. Inc.	AEP 2	48.54	324	15,700	25.90	0.73	1.23
	Southern Company	SO	22.46	683	15,300	16.90	0.54	1.15
	<i>Total or Median</i>				<i>199,000</i>		<i>0.66</i>	<i>1.46</i>
Mid Cap								
	Barrett Resources Corporation	BRR	67.30	34	2,300	53.80	0.21	1.20
	PanCanadian Pete Ltd. (15%)	PCP.TO	44.26	38	1,700	49.10	0.07	0.91
	Occidental Petroleum	OXY	28.97	370	10,700	35.60	0.46	0.90
	PetroChina Company Ltd (10%)	PTR	21.55	176	3,800	28.40	0.24	0.82
	Unocal Corporation	UCL	36.50	256	9,300	51.90	0.27	0.78
	Valero Energy Corp.	VLO	45.47	64	2,900	65.00	0.25	0.77
	USX-Marathon Group	MRO 1	30.69	360	11,100	47.00	0.30	0.76
	Petro-Canada	PCZ	25.70	272	7,000	38.70	0.08	0.69
	Norsk Hydro ASA	NHY	41.66	262	10,900	65.90	0.15	0.69
	Devon Energy Corporation	DVN	56.00	135	7,600	89.70	0.15	0.68
	<i>Total or Median</i>				<i>63,300</i>		<i>0.22</i>	<i>0.78</i>
Small Cap								
	Cross Timbers Royalty Tr*	CRT	20.99	6.0	126	18.90	-	1.11
	Dorchester Hugoton, Ltd.*	DHULZ	14.00	10.7	150	13.40	-	1.04
	San Juan Basin Royalty Tr*	SJT	17.42	46.6	810	17.70	-	0.98
	Hugoton RoyaltyTrust*	HGT	15.74	40.0	630	18.70	-	0.84
	Encore Acquisition Corporation	EAC	13.47	30.0	400	16.70	0.12	0.83
	Energy Partners Ltd.*	EPL 1	10.41	27.1	280	18.90	0.04	0.57
	<i>Total or Median</i>				<i>2,400</i>		<i>-</i>	<i>0.91</i>

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 7, 2001

Rank by EV/Ebitda	Symbol	Price	EV/		Dividend or		PV/ Ebitda	
		(\$/sh) 4-May 2001	Sales 2001E	Ebitda NTM	P/E NTM	Distribution NTM (%)		
Mega Cap								
	Exxon Mobil Corporation	XOM	87.55	1.5	8.3	18	2.0	7.0
	BP PLC	BP	51.90	1.3	7.4	12	2.7	7.0
	TOTAL Fina Elf S.A.	TOT	72.25	1.1	7.0	17	1.6	7.0
	Royal Dutch/Shell	RD	58.75	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	93.35	1.1	5.5	11	2.8	6.0
	Burlington Resources, Inc	BR	44.28	3.2	4.7	8	1.2	6.0
	Anadarko Petroleum Corp.	APC	62.06	2.1	4.4	9	0.3	6.0
	Conoco Inc.	COC.B	30.38	0.6	4.2	8	2.5	6.0
	Phillips (incl. Tosco)	P	57.46	0.7	4.1	7	2.4	6.0
	ENI S.p.A.	E	66.60	1.2	3.8	7	2.4	5.0
	<i>Median</i>			1.1	4.3	8	2.4	6.0
Large Cap Power								
	Enron Corp.	ENE	59.48	0.4	19.3	33	0.8	10.0
	Calpine Corporation	CPN	54.10	4.7	17.8	30	-	10.0
	Mirant Corporation	MIR	39.08	0.8	13.4	21	-	8.0
	Williams Companies	WMB	41.67	3.7	11.7	18	1.4	8.0
	Duke Energy Corporation	DUK	45.84	1.0	11.6	18	2.4	8.0
	El Paso Corporation	EPG	67.55	0.8	10.7	20	1.3	8.0
	American Electric Power Co. Inc.	AEP 2	48.54	0.7	8.6	13	4.9	7.0
	Southern Company	SO	22.46	2.7	8.0	14	6.0	7.0
	<i>Median</i>			0.9	11.7	19	1.3	8.0
Mid Cap								
	Barrett Resources Corporation	BRR	67.30	5.2	7.2	15	-	6.0
	PanCanadian Pete Ltd. (15%)	PCP.TO	44.26	1.8	5.4	13	0.6	6.0
	Occidental Petroleum	OXY	28.97	1.3	5.4	8	3.5	6.0
	PetroChina Company Ltd (10%)	PTR	21.55	2.0	4.9	7	6.6	6.0
	Unocal Corporation	UCL	36.50	1.7	4.7	13	2.2	6.0
	Valero Energy Corp.	VLO	45.47	0.3	4.6	6	0.7	6.0
	USX-Marathon Group	MRO 1	30.69	0.4	4.5	6	3.0	6.0
	Petro-Canada	PCZ	25.70	1.1	4.1	9	1.1	6.0
	Devon Energy Corporation	DVN	56.00	2.8	3.7	8	0.4	5.5
	Norsk Hydro ASA	NHY	41.66	0.8	2.7	7	2.5	4.0
	<i>Median</i>			1.5	4.7	8	1.6	6.0
Small Cap								
	Cross Timbers Royalty Tr*	CRT	20.99	5.9	9.0	9	10.5	8.1
	San Juan Basin Royalty Tr*	SJT	17.42	6.1	7.5	10	9.9	7.6
	Dorchester Hugoton, Ltd.*	DHULZ	14.00	5.4	6.7	7	7.7	6.4
	Hugoton RoyaltyTrust*	HGT	15.74	4.7	6.4	9	11.7	7.6
	Encore Acquisition Corporation	EAC	13.47	3.7	5.0		-	6.0
	Energy Partners Ltd.*	EPL 1	10.41	1.7	2.4	8	-	4.3
	<i>Median</i>			5.1	6.6	9	8.8	7.0

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 7, 2001

Table CRT-1
Cross Timbers Royalty Trust
Present Value

Volume Decline (%/yr):	10	Price Escalation post 2007 (%/yr):	2.8
Volume Enhancement (%/yr):	10	Discount Rate (%/yr):	6.6
		U.S. TIPS Inflation (%/yr):	2.0
		U.S. 10 Year Yield (%/yr):	5.2
PV/Volume (\$/mcf):	2.49	PV/EBITDA 2001:	8.0

Year	Natural Gas Volume			Price (\$/mcf)	Revenue (\$mm)	Oil		Tax		Disc Factor	Present Value (\$/unit)
	Basic (bcf)	Enhanced (bcf)	Total (bcf)			Net (\$mm)	Distribution (\$/unit)	Credit (\$/unit)			
Total 2001 through 2030											
	24	21	46	4.27	195	4	199	33.20	0.24	0.57	18.90
2001	2.5	0.0	2.5	4.85	12.3	1.9	14.2	2.36	0.12	0.97	2.41
2002	2.3	0.3	2.5	4.46	11.4	1.5	12.9	2.14	0.12	0.91	2.06
2003	2.1	0.5	2.5	4.16	10.6	1.0	11.6	1.94		0.85	1.65
2004	1.9	0.7	2.5	3.95	10.1		10.1	1.68		0.80	1.34
2005	1.7	0.9	2.5	3.68	9.4		9.4	1.56		0.75	1.17
2006	1.5	1.0	2.5	3.44	8.8		8.8	1.46		0.70	1.03
2007	1.4	1.2	2.5	3.53	9.0		9.0	1.50		0.66	0.99
2008	1.2	1.3	2.5	3.63	9.2		9.2	1.54		0.62	0.96
2009	1.1	1.4	2.5	3.73	9.5		9.5	1.58		0.58	0.92
2010	1.0	1.6	2.5	3.83	9.8		9.8	1.63		0.55	0.89
2011	0.9	1.4	2.3	3.94	9.0		9.0	1.50		0.51	0.77
2012	0.8	1.3	2.1	4.05	8.3		8.3	1.39		0.48	0.67
2013	0.7	1.1	1.9	4.16	7.7		7.7	1.29		0.45	0.58
2014	0.6	1.0	1.7	4.27	7.1		7.1	1.19		0.42	0.50
2015	0.6	0.9	1.5	4.39	6.6		6.6	1.10		0.40	0.44
2016	0.5	0.8	1.4	4.51	6.1		6.1	1.02		0.37	0.38
2017	0.5	0.7	1.2	4.63	5.6		5.6	0.94		0.35	0.33
2018	0.4	0.7	1.1	4.76	5.2		5.2	0.87		0.33	0.29
2019	0.4	0.6	1.0	4.89	4.8		4.8	0.80		0.31	0.25
2020	0.3	0.5	0.9	5.03	4.5		4.5	0.74		0.29	0.21
2021	0.3	0.5	0.8	5.17	4.1		4.1	0.69		0.27	0.19
2022	0.3	0.4	0.7	5.31	3.8		3.8	0.64		0.25	0.16
2023	0.3	0.4	0.6	5.45	3.5		3.5	0.59		0.24	0.14
2024	0.2	0.4	0.6	5.60	3.3		3.3	0.54		0.22	0.12
2025	0.2	0.3	0.5	5.76	3.0		3.0	0.50		0.21	0.11
2026	0.2	0.3	0.5	5.92	2.8		2.8	0.47		0.20	0.09
2027	0.2	0.3	0.4	6.08	2.6		2.6	0.43		0.18	0.08
2028	0.1	0.2	0.4	6.25	2.4		2.4	0.40		0.17	0.07
2029	0.1	0.2	0.3	6.42	2.2		2.2	0.37		0.16	0.06
2030	0.1	0.2	0.3	6.59	2.0		2.0	0.34		0.15	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 7, 2001

Table CRT-2
Cross Timbers 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												
Tax credit (\$mm)												
Per unit	0.03	0.03	0.03	0.03	0.12	0.03	0.03	0.03	0.03	0.12	0.03	0.12
Distributable Income (\$mm)	2.30	2.42	3.35	3.43	11.50	4.05	3.87	3.17	3.10	14.19	3.13	13.26
Per unit	0.38	0.40	0.56	0.57	1.92	0.67	0.65	0.53	0.52	2.36	0.52	2.21
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	0.72	0.69	0.71	0.70	2.83	0.70	2.80
Natural Gas (mmcf)	8.7	8.5	9.1	7.4	8.4	7.9	7.8	7.7	7.6	7.8	7.6	7.7
Days	92	91	91	92	366	92	89	92	92	365	92	365
Oil (mb)	88	81	93	82	344	86	81	82	81	330	79	324
Oil (mbd)	0.96	0.90	1.01	0.89	0.94	0.93	0.91	0.90	0.88	0.91	0.86	3.55
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	1.24	1.18	1.20	1.19	4.81	1.17	4.74
Price												
Natural Gas (HH lagged three months)												
Henry Hub (\$/mmbtu)	2.45	2.62	3.63	4.48	3.29	6.52	6.31	4.72	4.62	5.54	4.88	5.13
Differential (\$/mmbtu)	(0.27)	(0.26)	0.16	0.14	(0.03)	1.22	0.63	0.47	0.46	0.70	0.49	0.52
CRT (\$/mcf)	2.72	2.88	3.47	4.33	3.32	5.30	5.68	4.25	4.16	4.85	4.39	4.62
Oil (\$/bbl) (WTI lagged two months)												
WTI Cushing	26.07	28.33	30.12	32.73	29.31	30.84	28.09	28.57	28.90	29.10	27.80	28.34
CRT	24.20	26.86	27.91	31.19	27.49	28.84	26.09	26.57	26.90	27.12	25.80	26.34
Total (\$/mcf)	3.25	3.50	3.94	4.70	3.83	5.09	5.13	4.32	4.29	4.71	4.36	4.52
Revenue (\$mm)												
Natural Gas	2.17	2.22	2.88	2.96	10.23	3.84	3.94	3.01	2.92	13.71	3.06	12.93
Oil	2.14	2.18	2.59	2.55	9.46	2.48	2.12	2.19	2.17	8.96	2.04	8.53
Total	4.31	4.40	5.47	5.51	19.69	6.31	6.06	5.20	5.10	22.67	5.10	21.46
Cost (\$mm)												
Tax, transport & other	0.58	0.61	0.74	0.64	2.57	0.82	0.79	0.68	0.66	2.95	0.66	2.79
Production	0.59	0.65	0.62	0.66	2.52	0.64	0.61	0.62	0.61	2.48	0.59	2.43
Total	1.17	1.26	1.36	1.30	5.09	1.46	1.40	1.29	1.27	5.43	1.26	5.22
Cash flow (\$mm)												
Development	0.21	0.13	0.16	0.23	0.74	0.23	0.23	0.23	0.23	0.92	0.23	0.92
Excess					-					-		-
Recovery of excess	0.24	0.15			0.38					-		-
Net proceeds (\$mm)	2.68	2.86	3.95	3.98	13.48	4.62	4.43	3.68	3.60	16.32	3.61	15.31
Royalty income (\$mm)												
Royalty/Net proceeds	88%	87%	86%	86%	87%	87%	88%	87%	87%	88%	88%	88%
Administration	0.05	0.05	0.05	0.01	0.16	(0.01)	0.04	0.04	0.04	0.11	0.04	0.16
Distributable income (\$mm)	2.30	2.42	3.35	3.43	11.50	4.05	3.87	3.17	3.10	14.19	3.13	13.26
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	7.50	7.50	7.50	7.50	7.50	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 7, 2001

Table DHULZ-1
Dorchester Hugoton, Ltd.
Present Value

Volume Decline (%/yr):	11	Price Escalation Post 2006 (%/yr):	2.8
Volume Enhancement (%/yr):	7	Discount rate (%/yr):	6.6
Capex/Cash Flow (%):	20	U.S. TIPS Inflation (%/yr):	2.0
Variable Cost (%):	11	U.S. 10 Year Yield (%/yr):	5.2
PV/Volume (\$/mcf):	2.13	PV/EBITDA 2001:	7.2

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)	(\$/unit)	Disc Factor	Present Value (\$/unit)	
Total 2001 through 2030													
	54	30	84	4.20	353	84	39	31	199	18.33	0.73	13.40	
									Other assets, net	20.0	1.84	1.00	1.84
2001	6.3	0.0	6.3	5.02	31.5	3.4	3.5	4.9	19.8	1.82	0.97	1.76	
2002	5.6	0.4	6.0	4.64	28.0	3.4	3.1	4.3	17.2	1.59	0.91	1.44	
2003	5.0	0.8	5.8	4.16	24.1	3.4	2.6	3.6	14.4	1.33	0.85	1.13	
2004	4.4	1.1	5.6	3.95	22.0	3.4	2.4	3.2	12.9	1.19	0.80	0.95	
2005	3.9	1.4	5.3	3.68	19.6	3.4	2.2	2.8	11.3	1.04	0.75	0.78	
2006	3.5	1.6	5.1	3.44	17.6	3.4	1.9	2.5	9.8	0.91	0.70	0.64	
2007	3.1	1.8	4.9	3.53	17.4	3.4	1.9	2.4	9.7	0.89	0.66	0.59	
2008	2.8	1.9	4.7	3.63	17.1	3.4	1.9	2.4	9.5	0.88	0.62	0.54	
2009	2.5	2.1	4.5	3.73	16.9	3.4	1.9	2.3	9.3	0.86	0.58	0.50	
2010	2.2	2.1	4.3	3.83	16.7	3.4	1.8	2.3	9.2	0.85	0.55	0.46	
2011	2.0	2.2	4.2	3.94	16.4	3.4	1.8		11.3	1.04	0.51	0.53	
2012	1.7	2.0	3.7	4.05	15.0	3.4	1.7		10.0	0.92	0.48	0.44	
2013	1.6	1.8	3.3	4.16	13.7	3.4	1.5		8.9	0.82	0.45	0.37	
2014	1.4	1.6	2.9	4.27	12.6	3.4	1.4		7.8	0.72	0.42	0.30	
2015	1.2	1.4	2.6	4.39	11.5	3.4	1.3		6.9	0.63	0.40	0.25	
2016	1.1	1.2	2.3	4.51	10.5	3.4	1.2		6.0	0.55	0.37	0.21	
2017	1.0	1.1	2.1	4.63	9.6	3.4	1.1		5.2	0.48	0.35	0.17	
2018	0.9	1.0	1.8	4.76	8.8	3.4	1.0		4.5	0.41	0.33	0.13	
2019	0.8	0.9	1.6	4.89	8.0	3.4	0.9		3.8	0.35	0.31	0.11	
2020	0.7	0.8	1.5	5.03	7.4	3.4	0.8		3.2	0.29	0.29	0.08	
2021	0.6	0.7	1.3	5.17	6.7	3.4	0.7		2.6	0.24	0.27	0.07	
2022	0.5	0.6	1.2	5.31	6.1	3.4	0.7		2.1	0.19	0.25	0.05	
2023	0.5	0.5	1.0	5.45	5.6	3.4	0.6		1.6	0.15	0.24	0.04	
2024	0.4	0.5	0.9	5.60	5.1	3.4	0.6		1.2	0.11	0.22	0.02	
2025	0.4	0.4	0.8	5.76	4.7	3.4	0.5		0.8	0.07	0.21	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 7, 2001

Table DHULZ-2
Dorchester Hugoton, Ltd.
Cash Flow

	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)	4.16	5.57	7.04	8.42	25.2	9.28	6.92	6.78	7.10	30.1	7.01	27.8
Cash flow (\$mm)	3.09	3.87	5.69	7.11	19.8	7.71	5.55	5.43	5.71	24.4	5.62	22.3
Per unit	0.28	0.36	0.52	0.66	1.82	0.71	0.51	0.50	0.53	2.25	0.52	2.06
Earnings (\$mm)	2.64	3.40	5.24	6.69	18.0	7.28	5.13	5.01	5.29	22.7	5.21	20.6
Per unit	0.24	0.32	0.48	0.62	1.66	0.67	0.47	0.46	0.49	2.09	0.48	1.90
Distribution (\$mm)	3.01	1.93	2.36	2.36	9.7	2.90	2.90	2.90	2.90	11.6	2.90	11.6
Per unit	0.28	0.18	0.22	0.22	0.90	0.27	0.27	0.27	0.27	1.08	0.27	1.08
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	1.34	1.35	1.36	1.35	5.4	1.30	5.4
Kansas	0.29	0.28	0.27	0.24	1.1	0.23	0.22	0.22	0.21	0.9	0.21	0.9
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	4.72	4.62	4.88	5.13	4.98	4.80
Oklahoma (\$/mcf)	2.53	3.50	4.33	5.43	3.95	6.19	4.60	4.50	4.76	5.01	4.86	4.68
Kansas (\$/mcf)	2.72	3.58	4.41	5.54	3.99	6.27	4.68	4.58	4.84	5.10	4.94	4.76
Total (\$/mcf)	2.57	3.51	4.34	5.45	3.96	6.20	4.61	4.51	4.77	5.02	4.87	4.69
Revenue (\$mm)												
Natural Gas												
Oklahoma	3.53	4.81	6.18	7.51	22.0	8.32	6.21	6.10	6.41	27.0	6.31	25.0
Kansas	0.79	1.01	1.19	1.33	4.3	1.43	1.04	1.00	1.03	4.5	1.04	4.1
Other	0.05	0.05	0.06	0.05	0.2	0.05	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)	(0.52)	(0.38)	(0.38)	(0.39)	(1.7)	(0.39)	(1.5)
Total	4.16	5.57	7.04	8.42	25.2	9.28	6.92	6.78	7.10	30.1	7.01	27.8
Cost (\$mm)												
Operating	0.92	1.04	1.07	1.35	4.4	1.27	1.11	1.10	1.13	4.6	1.14	4.5
General and administrative	0.14	0.18	0.20	0.28	0.8	0.20	0.17	0.17	0.17	0.7	0.17	0.7
Management	0.13	0.14	0.16	0.17	0.6	0.18	0.16	0.16	0.16	0.7	0.16	0.6
Other	(0.11)	0.35	(0.07)	(0.49)	(0.3)	(0.08)	(0.08)	(0.08)	(0.08)	(0.3)	(0.08)	(0.3)
Total	1.07	1.70	1.35	1.31	5.4	1.57	1.36	1.35	1.38	5.7	1.39	5.5
Cash flow (\$mm)												
Depletion, deprec. & amort.	0.45	0.46	0.45	0.42	1.8	0.42	0.42	0.43	0.42	1.7	0.41	1.7
Earnings (\$mm)												
Capital expenditures (\$mm)	0.04	0.13	0.23	0.09	0.5	1.16	0.83	0.81	0.86	3.7	0.84	3.3
Cost ratios												
Prod pay/revenue	4.8%	5.1%	5.3%	5.3%	5.2%	5.3%	5.3%	5.3%	5.3%	5.3%	5.3%	5.3%
Operating cost (\$/mcf)	0.54	0.63	0.63	0.83	0.66	0.81	0.71	0.70	0.72	0.73	0.75	0.72
Depletion (\$/mcf)	0.27	0.28	0.27	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27

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 7, 2001

Table HGT-1
Hugoton Royalty Trust
Present Value

Volume Decline (%/yr):	10	Price Escalation Post 2006 (%/yr):	2.8
Volume Enhancement (%/yr):	10	Discount rate (%/yr):	6.6
Capex/Cash Flow (%):	25	U.S. TIPS Inflation (%/yr):	2.0
Variable Cost (%):	12	U.S. 10 Year Yield (%/yr):	5.2
PV/Volume (\$/mcf):	1.35	PV/EBITDA 2001:	6.7

Year	Volume Basic (bcf)	Volume Enhanced (bcf)	Total (bcf)	Price (\$/mcf)	Revenue (\$mm)	Fixed Cost (\$mm)	Var Cost (\$mm)	Cap Ex (\$mm)	Distribution (\$/unit)	Tax Credit (\$/unit)	Disc Factor	Present Value (\$/unit)
Total 200 through 2030	297	258	555	4.27	2367	541	284	218	1324	33.10	0.03	18.70
2001	31.0	0.0	31.0	4.77	147.7	18.0	17.7	23.9	88.0	2.20	0.01	0.97
2002	27.9	3.1	31.0	4.41	136.6	18.0	16.4	25.5	76.6	1.92	0.01	0.91
2003	25.1	5.9	31.0	4.16	128.8	18.0	15.5	23.8	71.5	1.79		0.85
2004	22.6	8.4	31.0	3.95	122.5	18.0	14.7	22.4	67.3	1.68		0.80
2005	20.3	10.7	31.0	3.68	114.0	18.0	13.7	20.6	61.7	1.54		0.75
2006	18.3	12.7	31.0	3.44	106.6	18.0	12.8	18.9	56.8	1.42		0.70
2007	16.5	14.5	31.0	3.53	109.5	18.0	13.1	19.6	58.7	1.47		0.66
2008	14.8	16.2	31.0	3.63	112.5	18.0	13.5	20.2	60.7	1.52		0.62
2009	13.3	17.6	31.0	3.73	115.6	18.0	13.9	20.9	62.8	1.57		0.58
2010	12.0	19.0	31.0	3.83	118.8	18.0	14.3	21.6	64.9	1.62		0.55
2011	10.8	17.1	27.9	3.94	109.8	18.0	13.2		78.6	1.97		0.51
2012	9.7	15.4	25.1	4.05	101.6	18.0	12.2		71.3	1.78		0.48
2013	8.8	13.8	22.6	4.16	93.9	18.0	11.3		64.6	1.62		0.45
2014	7.9	12.5	20.3	4.27	86.9	18.0	10.4		58.4	1.46		0.42
2015	7.1	11.2	18.3	4.39	80.3	18.0	9.6		52.6	1.32		0.40
2016	6.4	10.1	16.5	4.51	74.3	18.0	8.9		47.3	1.18		0.37
2017	5.7	9.1	14.8	4.63	68.7	18.0	8.2		42.4	1.06		0.35
2018	5.2	8.2	13.3	4.76	63.5	18.0	7.6		37.9	0.95		0.33
2019	4.7	7.4	12.0	4.89	58.7	18.0	7.0		33.6	0.84		0.31
2020	4.2	6.6	10.8	5.03	54.3	18.0	6.5		29.8	0.74		0.29
2021	3.8	6.0	9.7	5.17	50.2	18.0	6.0		26.2	0.65		0.27
2022	3.4	5.4	8.8	5.31	46.5	18.0	5.6		22.8	0.57		0.25
2023	3.1	4.8	7.9	5.45	43.0	18.0	5.2		19.8	0.49		0.24
2024	2.7	4.3	7.1	5.60	39.7	18.0	4.8		16.9	0.42		0.22
2025	2.5	3.9	6.4	5.76	36.7	18.0	4.4		14.3	0.36		0.21
2026	2.2	3.5	5.7	5.92	34.0	18.0	4.1		11.9	0.30		0.20
2027	2.0	3.2	5.2	6.08	31.4	18.0	3.8		9.6	0.24		0.18
2028	1.8	2.8	4.7	6.25	29.1	18.0	3.5		7.5	0.19		0.17
2029	1.6	2.6	4.2	6.42	26.9	18.0	3.2		5.6	0.14		0.16
2030	1.5	2.3	3.8	6.59	24.8	18.0	3.0		3.8	0.10		0.15

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 7, 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	31.4	32.3	147.7	34.5	133.5
Cash flow (\$mm) (80%)	14.1	13.9	20.8	25.4	74.2	38.5	26.4	22.8	23.6	111.4	25.6	98.5
Per unit	0.35	0.35	0.52	0.64	1.86	0.96	0.66	0.57	0.59	2.78	0.64	2.46
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	17.0	17.7	88.0	19.1	73.5
Per unit	0.27	0.28	0.40	0.46	1.42	0.84	0.49	0.42	0.44	2.20	0.48	1.84
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	4.52	4.67	5.51	5.02	4.88
Differential (\$/mmbtu)	0.04	0.29	0.37	0.72	0.35	1.25	0.64	0.54	0.56	0.75	0.60	0.59
HGT (\$/mcf)	2.32	2.54	3.57	4.11	3.14	6.31	4.67	3.98	4.11	4.77	4.42	4.29
Oil (\$/bbl) (WTI Cushing lagged two months)												
WTI Cushing	26.07	28.33	30.12	31.56	29.02	30.84	28.09	28.57	28.90	29.10	27.80	28.34
HGT	25.19	27.63	29.71	32.31	28.67	30.34	27.59	28.07	28.40	28.61	27.30	27.84
Total (\$/mcf)	2.43	2.68	3.65	4.19	3.24	6.24	4.66	4.02	4.15	4.77	4.43	4.31
Revenue (\$mm)												
Natural Gas	22.5	21.9	32.3	38.9	115.6	58.0	41.5	36.5	37.8	173.9	40.6	156.5
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	39.2	40.4	184.7	43.2	166.9
Cost (\$mm)												
Tax, transport & other	2.4	2.4	3.4	3.8	12.0	6.1	4.4	3.9	4.0	18.5	4.3	16.7
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	10.8	10.9	45.5	11.1	43.8
Cash flow (\$mm)	17.6	17.4	26.0	31.8	92.8	48.1	33.0	28.4	29.6	139.2	32.0	123.1
Development	3.9	3.3	5.8	8.9	21.8	7.1	8.3	7.1	7.4	29.9	8.0	30.8
Net proceeds (\$mm)	13.7	14.1	20.3	22.9	71.0	41.0	24.8	21.3	22.2	109.3	24.0	92.3
Royalty income (\$mm)	11.0	11.3	16.2	18.3	56.8	32.8	19.8	17.1	17.7	87.4	19.2	73.9
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	17.0	17.7	88.0	19.1	73.5
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 7, 2001

Table SJT-1
San Juan Basin Royalty Trust
Present Value

Volume Decline (%/yr):	10	Price Escalation Post 2006 (%/yr):	2.8
Volume Enhancement (%/yr):	10	Discount rate (%/yr):	6.6
Capex/Cash Flow (%):	25	U.S. TIPS Inflation (%/yr):	2.0
Variable Cost (%):	9	U.S. 10 Year Yield (%/yr):	5.2
PV/Volume (\$/mcf):	1.38	PV/EBITDA 2001:	6.8

Year	Volume 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	2291	389	206	230	1466	31.47	0.32	0.56	17.70
2001	33.4	0.0	33.4	4.43	148.1	13.0	13.3	24.9	97.0	2.08	0.16	0.97	2.17
2002	30.1	3.3	33.4	3.94	131.9	13.0	11.9	26.8	80.3	1.72	0.16	0.91	1.71
2003	27.1	6.4	33.4	3.72	124.4	13.0	11.2	25.1	75.2	1.61		0.85	1.38
2004	24.4	9.1	33.4	3.54	118.3	13.0	10.6	23.7	71.0	1.52		0.80	1.22
2005	21.9	11.5	33.4	3.29	110.1	13.0	9.9	21.8	65.4	1.40		0.75	1.05
2006	19.7	13.7	33.4	3.08	102.9	13.0	9.3	20.2	60.5	1.30		0.70	0.91
2007	17.8	15.7	33.4	3.16	105.7	13.0	9.5	20.8	62.4	1.34		0.66	0.89
2008	16.0	17.4	33.4	3.25	108.6	13.0	9.8	21.5	64.4	1.38		0.62	0.86
2009	14.4	19.0	33.4	3.34	111.6	13.0	10.0	22.2	66.5	1.43		0.58	0.83
2010	13.0	20.5	33.4	3.43	114.7	13.0	10.3	22.9	68.6	1.47		0.55	0.80
2011	11.7	18.4	30.1	3.52	106.1	13.0	9.5		83.5	1.79		0.51	0.92
2012	10.5	16.6	27.1	3.62	98.1	13.0	8.8		76.3	1.64		0.48	0.79
2013	9.4	14.9	24.4	3.72	90.7	13.0	8.2		69.6	1.49		0.45	0.67
2014	8.5	13.4	21.9	3.82	83.9	13.0	7.5		63.4	1.36		0.42	0.58
2015	7.6	12.1	19.7	3.93	77.6	13.0	7.0		57.6	1.24		0.40	0.49
2016	6.9	10.9	17.8	4.04	71.7	13.0	6.5		52.3	1.12		0.37	0.42
2017	6.2	9.8	16.0	4.15	66.3	13.0	6.0		47.4	1.02		0.35	0.36
2018	5.6	8.8	14.4	4.26	61.3	13.0	5.5		42.9	0.92		0.33	0.30
2019	5.0	7.9	13.0	4.38	56.7	13.0	5.1		38.7	0.83		0.31	0.26
2020	4.5	7.1	11.7	4.50	52.4	13.0	4.7		34.8	0.75		0.29	0.22
2021	4.1	6.4	10.5	4.62	48.5	13.0	4.4		31.2	0.67		0.27	0.18
2022	3.7	5.8	9.4	4.75	44.9	13.0	4.0		27.9	0.60		0.25	0.15
2023	3.3	5.2	8.5	4.88	41.5	13.0	3.7		24.8	0.53		0.24	0.13
2024	3.0	4.7	7.6	5.01	38.4	13.0	3.5		21.9	0.47		0.22	0.11
2025	2.7	4.2	6.9	5.15	35.5	13.0	3.2		19.3	0.41		0.21	0.09
2026	2.4	3.8	6.2	5.29	32.8	13.0	3.0		16.9	0.36		0.20	0.07
2027	2.2	3.4	5.6	5.44	30.3	13.0	2.7		14.6	0.31		0.18	0.06
2028	1.9	3.1	5.0	5.59	28.0	13.0	2.5		12.6	0.27		0.17	0.05
2029	1.7	2.8	4.5	5.74	25.9	13.0	2.3		10.6	0.23		0.16	0.04
2030	1.6	2.5	4.1	5.90	24.0	13.0	2.2		8.9	0.19		0.15	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 7, 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	31.0	31.7	148.1	33.9	132.6
Cash flow (\$mm) (75%)	13.3	13.7	23.6	25.2	75.7	42.1	29.6	25.1	25.8	122.5	27.8	108.2
Per unit	0.28	0.29	0.51	0.54	1.62	0.90	0.63	0.54	0.55	2.63	0.60	2.32
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	18.6	19.1	97.0	20.6	80.4
Per unit	0.21	0.28	0.42	0.35	1.27	0.80	0.47	0.40	0.41	2.08	0.44	1.72
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 (mbd)	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	4.52	4.67	5.51	5.02	4.88
Differential (\$/mmbtu)	0.23	0.52	0.87	1.31	0.72	1.90	1.17	0.99	1.03	1.30	1.11	1.07
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	3.52	3.64	4.22	3.92	3.80
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	3.35	3.46	4.43	3.73	4.00
Oil (\$/bbl) (WTI Cushing lagged two months)												
WTI Cushing	26.07	28.33	30.12	32.73	29.31	28.79	28.09	28.57	28.82	28.57	28.58	28.51
SJT	22.48	21.66	25.58	28.37	24.66	24.79	24.09	24.57	24.82	24.57	24.58	24.52
Total gas & oil (\$/mcf)	2.25	2.38	3.40	3.83	2.97	5.80	4.35	3.71	3.83	4.43	4.12	4.00
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	40.9	41.9	195.7	44.8	175.0
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	41.4	42.3	197.5	45.2	176.8
Cost (\$mm)												
Severance tax	2.2	2.3	4.2	3.6	12.3	6.5	4.8	4.1	4.2	19.7	4.5	17.7
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	7.9	7.9	34.1	8.2	32.6
Cash flow (\$mm)												
Development	4.6	4.8	5.0	11.2	25.6	6.3	9.9	8.4	8.6	33.1	9.3	36.1
Net proceeds (\$mm)												
	13.1	13.5	26.4	22.4	75.4	49.8	29.6	25.1	25.8	130.2	27.8	108.2
Royalty income (\$mm)												
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	18.6	19.1	97.0	20.6	80.4
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 7, 2001

Table EPL-1
Energy Partners, Ltd.
Present Value

Volume Decline (%/yr):	15	Price Escalation post 2006 (%/yr):	2.0
Volume Enhancement (%/yr):	34	Discount rate (%/yr):	6.6
Capex/Cash Flow (%):	100	U.S. TIPS Inflation (%/yr):	2.0
Variable Cost (%):	16	U.S. 10 Year Yield (%/yr):	5.2
PV/Volume (\$/bbl):	3.70	PV/EBITDA 2001:	4.6
PV/Share (\$):	18.90		

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													
	42100	101200	143300	23.59	3380	615	541	1070	1155	165	990	0.46	534
2001	6570	0	6570	26.78	176	31	28	117	0	0	0	0.97	0
2002	5584	2234	7818	26.36	206	31	33	142	0	0	0	0.91	0
2003	4747	4557	9303	24.37	227	31	36	160	0	0	0	0.85	0
2004	4035	7036	11071	23.10	256	31	41	184	0	0	0	0.80	0
2005	3429	9745	13174	22.21	293	31	47	215	0	0	0	0.75	0
2006	2915	12763	15678	21.42	336	31	54	251	0	0	0	0.70	0
2007	2478	10848	13326	21.84	291	31	47		214	31	183	0.66	121
2008	2106	9221	11327	22.26	252	31	40		181	26	155	0.62	96
2009	1790	7838	9628	22.70	219	31	35		153	22	131	0.58	76
2010	1522	6662	8184	23.14	189	31	30		128	18	110	0.55	60
2011	1293	5663	6956	23.59	164	31	26		107	15	92	0.51	47
2012	1099	4813	5913	24.05	142	31	23		89	13	76	0.48	37
2013	934	4091	5026	24.52	123	31	20		73	10	62	0.45	28
2014	794	3478	4272	25.00	107	31	17		59	8	51	0.42	21
2015	675	2956	3631	25.49	93	31	15		47	7	40	0.40	16
2016	574	2513	3087	25.98	80	31	13		37	5	31	0.37	12
2017	488	2136	2624	26.49	69	31	11		28	4	24	0.35	8
2018	415	1815	2230	27.01	60	31	10		20	3	17	0.33	6
2019	352	1543	1896	27.53	52	31	8		13	2	11	0.31	3
2020	300	1312	1611	28.07	45	31	7		7	1	6	0.29	2

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 7, 2001

Table EPL-2
Energy Partners, Ltd.
Cash Flow

	HI	Q3	Q4	Year	Q1E	Q2E	Q3E	Q4E	Year	Q1E	Next Twelve Months
	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)	30.4	30.7	42.0	103.1	43.7	39.6	43.4	49.2	175.9	50.5	182.8
EBITDAX (\$mm)	18.0	19.5	24.1	61.6	29.4	25.5	29.6	34.2	118.6	35.1	124.3
Cash Flow (\$mm)	15.4	17.2	23.1	55.7	29.0	25.1	29.2	33.8	117.0	34.7	122.7
Per share (\$)		0.95	1.21		1.07	0.93	1.08	1.25	4.32	1.28	4.53
Net Income (\$mm)	2.3	5.2	(32.9)	(25.4)	9.1	6.6	8.9	10.9	35.5	11.1	37.5
Per share		0.29	(1.73)		0.34	0.24	0.33	0.40	1.31	0.41	1.38
Shares (millions)		18.1	19.0		27.1	27.1	27.1	27.1	27.1	27.1	27.1
Volume											
Natural Gas (bcf)	1.48	1.49	2.81	5.78	3.60	3.71	3.77	4.25	15.34	4.45	16.18
Natural Gas (mmcf)	8.1	16.1	30.6	15.8	40.0	40.8	41.0	46.2	42.0	49.4	44.3
Days	182	92	92	366	90	91	92	92	365	90	365
Oil (mb)	965	899	925	2,790	900	956	1,012	1,146	4,014	1,200	4,314
Oil (mbd)	5.30	9.78	10.05	7.62	10.00	10.50	11.00	12.46	11.00	13.33	11.82
Total (mb)	1,212	1,147	1,394	3,752	1,500	1,574	1,641	1,855	6,570	1,941	7,011
Total (mbd)	6.7	12.5	15.1	10.3	16.7	17.3	17.8	20.2	18.0	21.6	19.2
Price											
Natural Gas											
Henry Hub (\$/mmbtu)	3.13	4.48	6.52	4.31	6.31	4.72	4.62	4.88	5.13	4.98	5.13
Differential (\$/mmbtu)	(0.40)	(0.29)	0.67	(0.66)	0.63	0.47	0.46	0.49	0.53	0.50	0.80
EPL (\$/mcf)	3.52	4.77	5.85	4.98	5.68	4.25	4.16	4.39	4.60	4.48	4.33
Oil (\$/bbl)											
WTI Cushing	28.81	31.61	32.00	30.31	28.81	28.05	29.02	28.19	28.52	27.10	28.52
Differential	3.12	5.43	6.46	4.51	4.08	3.09	1.60	1.60	2.52	1.60	2.40
EPL	25.69	26.18	25.54	25.80	24.73	24.96	27.42	26.59	26.00	25.50	26.12
Total (\$/bbl)	25.05	26.79	30.13	27.47	29.13	25.17	26.48	26.51	26.78	26.03	26.07
Revenue (\$mm)											
Natural Gas	5.2	7.1	16.4	28.7	20.4	15.8	15.7	18.7	70.6	19.9	70.1
Oil	24.8	23.5	23.6	72.0	22.3	23.9	27.8	30.5	104.3	30.6	112.7
Other	0.3	0.1	1.9	2.4	1.0				1.0		-
Total	30.4	30.7	42.0	103.1	43.7	39.6	43.4	49.2	175.9	50.5	182.8
Cost (\$mm)											
Lease operating	6.1	6.4	11.5	24.1	8.6	8.7	8.2	9.0	34.5	9.4	35.3
Production taxes	1.9	1.7	2.7	6.3	2.2	2.0	2.2	2.5	8.8	2.5	9.1
General and administrative	4.3	3.0	3.7	11.1	3.5	3.5	3.5	3.5	14.0	3.5	14.0
Total	12.3	11.2	17.9	41.5	14.3	14.1	13.9	15.0	57.3	15.4	58.4
EBITDAX (\$mm)	18.0	19.5	24.1	61.6	29.4	25.5	29.6	34.2	118.6	35.1	124.3
Net cash interest and tax	2.6	2.4	1.0	5.9	0.4	0.4	0.4	0.4	1.6	0.4	1.6
Cash Flow (\$mm)											
Exploration	0.8	0.3	0.6	1.7	3.0	3.0	3.0	3.0	12.0	3.0	12.0
Deprec., Deplet., & Amort.	8.3	7.5	9.8	25.6	10.5	11.0	11.5	13.0	46.0	13.6	49.1
Amort. Financing Cost	0.3	0.3	0.5	1.1	0.3	0.3	0.3	0.3	1.2	0.3	1.2
Other non cash	(0.7)	0.7	41.7	41.7	0.8	0.3	0.3	0.3	1.7	0.3	1.2
Income before income tax	6.8	8.4	(29.6)	(14.5)	14.4	10.5	14.1	17.2	56.2	17.5	59.3
Deferred income tax	4.5	3.2	3.3	10.9	5.3	3.9	5.2	6.3	20.6	6.4	21.8
Net income (\$mm)	2.3	5.2	(32.9)	(25.4)	9.1	6.6	8.9	10.9	35.5	11.1	37.5
Costs (\$/bbl)											
Lease operating	5.03	5.61	8.28	6.41	5.75	5.50	5.00	4.85	5.25	4.85	5.03
Production taxes	1.57	1.52	1.94	1.69	1.46	1.26	1.32	1.33	1.34	1.30	1.30
General and administrative	3.57	2.65	2.65	2.95	2.33	2.22	2.13	1.89	2.13	1.80	2.00
Deprec., Deplet., & Amort.	6.84	6.54	7.04	6.82	7.00	7.00	7.00	7.00	7.00	7.00	7.00
Tax rate		38%			37%	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.