

## ***Meter Reader Tables***

*Weekly Analysis of Energy Stocks*

December 24, 2001

# **Natural Gas Royalty Trusts McDep Ratio, Present Value and Cash Flow**

### **Rank by McDep Ratio: Market Cap and Debt to Present Value**

	<i>Symbol/ Rating</i>	<i>Price (\$/sh) 21-Dec 2001</i>	<i>Shares (mm)</i>	<i>Market Cap (\$mm)</i>	<i>Net Present Value (\$/sh)</i>	<i>Debt/ Present Value</i>	<i>McDep Ratio</i>
Cross Timbers Royalty Trust	CRT	17.75	6.0	107	18.10	-	0.99
Hugoton Royalty Trust	HGT	10.29	40.0	410	15.00	-	0.69
San Juan Basin Royalty Trust	SJT 2	9.44	46.6	440	14.50	-	0.65

Buy/Sell rating after symbol: 1 - Strong Buy, 2 - Buy, 3 - Neutral

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

### **Rank by EV/Ebitda: Enterprise Value to Earnings Before Interest, Tax, Deprec.**

	<i>Symbol/ Rating</i>	<i>Price (\$/sh) 21-Dec 2001</i>	<i>EV/ Sales 2001E</i>	<i>EV/ Ebitda NTM</i>	<i>P/E NTM</i>	<i>Dividend or Distribution NTM (%)</i>	<i>PV/ Ebitda NTM</i>
Cross Timbers Royalty Trust	CRT	17.75	7.0	12.6	14	7.4	12.8
Hugoton Royalty Trust	HGT	10.29	4.9	7.6	12	8.6	11.1
San Juan Basin Royalty Trust	SJT 2	9.44	5.7	7.5	11	8.7	11.6

EV = Enterprise Value = Market Cap and Debt; Ebitda = Earnings before interest, tax, depreciation and amortization; NTM = Next Twelve Months Ended December 31, 2002; P/E = Stock Price to Earnings; PV = Present Value of oil and gas and other businesses

Kurt H. Wulff, CFA

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**Table CRT-1**  
**Cross Timbers Royalty Trust**  
**Present Value**

Volume Decline (%/yr):	10	Price Escalation post 2007 (%/yr):	2.4
Volume Enhancement (%/yr):	10	Discount Rate (%/yr):	6.6
		U.S. TIPS Inflation (%/yr):	1.6
		U.S. 10 Year Yield (%/yr):	5.2
PV/Volume (\$/mcf):	2.14	PV/EBITDA 2002:	12.8

Year	Natural Gas Volume			Price (\$/mcf)	Revenue (\$mm)	Oil Net (\$mm)	Distribution (\$mm)	Tax Credit (\$/unit)	Disc Factor	Present Value (\$/unit)	
	Basic (bcf)	Enhanced (bcf)	Total (bcf)								
Total 2002 through 2031											
	27	24	51	3.94	201	2	202	33.71	0.11	0.54	<b>18.10</b>
2002	2.8	0.0	2.8	2.79	7.9	-0.1	7.9	1.31	0.11	0.97	1.38
2003	2.6	0.3	2.8	3.12	8.8	0.4	9.3	1.55		0.91	1.40
2004	2.3	0.5	2.8	3.25	9.2	0.4	9.6	1.60		0.85	1.36
2005	2.1	0.8	2.8	3.35	9.5	0.3	9.8	1.64		0.80	1.31
2006	1.9	1.0	2.8	3.42	9.7	0.2	10.0	1.66		0.75	1.25
2007	1.7	1.2	2.8	3.50	9.9	0.2	10.1	1.68		0.70	1.19
2008	1.5	1.3	2.8	3.58	10.2	0.1	10.3	1.72		0.66	1.13
2009	1.4	1.5	2.8	3.67	10.4	0.1	10.5	1.75		0.62	1.09
2010	1.2	1.6	2.8	3.75	10.7	0.1	10.7	1.79		0.58	1.04
2011	1.1	1.7	2.8	3.84	10.9		10.9	1.82		0.55	0.99
2012	1.0	1.6	2.6	3.94	10.1		10.1	1.68		0.51	0.86
2013	0.9	1.4	2.3	4.03	9.3		9.3	1.55		0.48	0.74
2014	0.8	1.3	2.1	4.13	8.5		8.5	1.42		0.45	0.64
2015	0.7	1.1	1.9	4.23	7.9		7.9	1.31		0.42	0.56
2016	0.6	1.0	1.7	4.33	7.3		7.3	1.21		0.40	0.48
2017	0.6	0.9	1.5	4.43	6.7		6.7	1.11		0.37	0.41
2018	0.5	0.8	1.4	4.54	6.2		6.2	1.03		0.35	0.36
2019	0.5	0.7	1.2	4.64	5.7		5.7	0.95		0.33	0.31
2020	0.4	0.7	1.1	4.75	5.2		5.2	0.87		0.31	0.27
2021	0.4	0.6	1.0	4.87	4.8		4.8	0.80		0.29	0.23
2022	0.3	0.5	0.9	4.98	4.4		4.4	0.74		0.27	0.20
2023	0.3	0.5	0.8	5.10	4.1		4.1	0.68		0.25	0.17
2024	0.3	0.4	0.7	5.23	3.8		3.8	0.63		0.24	0.15
2025	0.3	0.4	0.6	5.35	3.5		3.5	0.58		0.22	0.13
2026	0.2	0.4	0.6	5.48	3.2		3.2	0.53		0.21	0.11
2027	0.2	0.3	0.5	5.61	3.0		3.0	0.49		0.20	0.10
2028	0.2	0.3	0.5	5.74	2.7		2.7	0.45		0.18	0.08
2029	0.2	0.3	0.4	5.88	2.5		2.5	0.42		0.17	0.07
2030	0.1	0.2	0.4	6.02	2.3		2.3	0.39		0.16	0.06
2031	0.1	0.2	0.3	6.17	2.1		2.1	0.35		0.15	0.05

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**Table CRT-2**  
**Cross Timbers Royalty Trust**  
**Distributable Income**

	<i>Q4</i>	<i>Year</i>	<i>Q1</i>	<i>Q2</i>	<i>Q3</i>	<i>Q4E</i>	<i>Year</i>	<i>Q1E</i>	<i>Q2E</i>	<i>Q3E</i>	<i>Q4E</i>	<i>Next</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>6/30/02</i>	<i>9/30/02</i>	<i>12/31/02</i>	<i>Twelve</i>
												<i>Months</i>
												<i>12/31/02</i>
<b>Highlights</b>												
Tax credit (\$mm)												
Per unit	0.03	0.12	0.02	0.03	0.03	0.03	0.11	0.03	0.03	0.03	0.03	0.11
Distributable Income (\$mm)	3.43	11.50	4.05	4.18	3.40	2.58	14.21	1.74	1.97	2.03	2.13	7.86
Per unit	0.57	1.92	0.67	0.70	0.57	0.43	2.37	0.29	0.33	0.34	0.35	1.31
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
<b>Volume</b>												
Natural Gas (bcf)	0.68	3.08	0.66	0.71	0.79	0.80	2.95	0.80	0.78	0.79	0.80	3.16
Natural Gas (mmcf/d)	7.4	8.4	7.2	7.8	8.6	8.6	8.1	8.6	8.6	8.6	8.6	8.6
Days	92	366	92	90	91	92	365	92	90	91	92	365
Oil (mb)	82	344	83	79	90	90	342	90	87	90	90	356
Oil (mmbd)	0.89	0.94	0.90	0.89	0.98	0.98	0.94	0.98	0.98	0.98	0.98	3.90
Days	92	366	92	89	92	92	365	92	89	92	92	365
Total (bcf)	1.17	5.14	1.16	1.18	1.33	1.33	5.00	1.33	1.30	1.33	1.33	5.29
<b>Price</b>												
Natural Gas (HH lagged three months)												
Henry Hub (\$/mmbtu)	4.48	3.29	6.52	6.31	4.36	2.75	4.98	2.45	2.88	2.87	2.98	2.80
Differential (\$/mmbtu)	0.14	(0.03)	0.41	(0.48)	(0.41)	-	(0.03)	-	-	-	-	0.00
CRT (\$/mcf)	4.33	3.32	6.11	6.79	4.77	2.75	5.01	2.45	2.88	2.87	2.98	2.79
Oil (\$/bbl) (WTI lagged two months)												
WTI Cushing	32.73	29.31	30.84	28.09	27.56	25.28	27.94	19.29	19.81	20.22	20.42	19.94
CRT	31.19	27.49	28.73	24.92	24.07	23.28	25.19	17.29	17.81	18.22	18.42	17.94
Total (\$/mcf)	4.70	3.83	5.54	5.73	4.46	3.20	4.68	2.63	2.92	2.94	3.02	2.87
<b>Revenue (\$mm)</b>												
Natural Gas	2.96	10.23	4.05	4.79	3.75	2.19	14.78	1.95	2.24	2.25	2.37	8.82
Oil	2.55	9.46	2.38	1.98	2.16	2.09	8.61	1.55	1.55	1.64	1.65	6.39
Total	5.51	19.69	6.43	6.77	5.91	4.28	23.39	3.50	3.79	3.89	4.02	15.21
<b>Cost (\$mm)</b>												
Tax, transport & other	0.64	2.57	0.84	0.89	0.87	0.64	3.25	0.53	0.57	0.58	0.60	2.28
Production	0.66	2.52	0.71	0.74	0.73	0.76	2.94	0.76	0.74	0.76	0.76	3.03
Total	1.30	5.09	1.55	1.63	1.60	1.40	6.19	1.29	1.31	1.35	1.37	5.31
<b>Cash flow (\$mm)</b>												
Development	4.22	14.60	4.88	5.14	4.31	2.87	17.20	2.22	2.48	2.54	2.66	9.90
Excess	0.23	0.74	0.16	0.41	0.40	0.40	1.37	0.20	0.20	0.20	0.20	0.80
Recovery of excess		-					-					-
Net proceeds (\$mm)		0.38					-					-
Royalty/Net proceeds	3.98	13.48	4.72	4.73	3.91	2.47	15.83	2.02	2.28	2.34	2.46	9.10
Royalty income (\$mm)	3.44	11.66	4.11	4.22	3.45	2.17	13.95	1.78	2.01	2.07	2.17	8.02
Royalty/Net proceeds	86%	87%	87%	89%	88%	88%	88%	88%	88%	88%	88%	88%
Administration	0.01	0.16	0.06	0.04	0.05	(0.41)	(0.26)	0.04	0.04	0.04	0.04	0.16
Distributable income (\$mm)	3.43	11.50	4.05	4.18	3.40	2.58	14.21	1.74	1.97	2.03	2.13	7.86
<b>Modeling ratios</b>												
Tax and other/revenue	0.12	0.13	0.13	0.13	0.15	0.15	0.14	0.15	0.15	0.15	0.15	0.15
Production exp (\$/bbl)	8.04	7.32	8.58	9.29	8.12	8.50	8.60	8.50	8.50	8.50	8.50	8.50

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**Table HGT-1**  
**Hugoton Royalty Trust**  
**Present Value**

Volume Decline (%/yr):	10	Price Escalation Post 2006 (%/yr):	2.4
Volume Enhancement (%/yr):	10	Discount rate (%/yr):	6.6
Capex/Cash Flow (%):	30	U.S. TIPS Inflation (%/yr):	1.6
Variable Cost (%):	17	U.S. 10 Year Yield (%/yr):	5.2
PV/Volume (\$/mcf):	1.06	PV/EBITDA 2002:	11.2

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 2002 through 2031													
	303	264	567	3.92	2218	496	377	220	1125	28.12	0.01	0.53	15.00
2002	31.6	0.0	31.6	2.68	84.7	16.5	14.4	18.2	35.6	0.89	0.01	0.97	0.88
2003	28.5	3.2	31.6	2.83	89.6	16.5	15.2	17.4	40.5	1.01		0.91	0.92
2004	25.6	6.0	31.6	3.15	99.7	16.5	16.9	19.9	46.3	1.16		0.85	0.99
2005	23.1	8.6	31.6	3.51	111.1	16.5	18.9	22.7	53.0	1.32		0.80	1.06
2006	20.8	10.9	31.6	3.56	112.8	16.5	19.2	23.1	53.9	1.35		0.75	1.01
2007	18.7	13.0	31.6	3.48	110.0	16.5	18.7	22.4	52.4	1.31		0.70	0.92
2008	16.8	14.8	31.6	3.56	112.7	16.5	19.2	23.1	53.9	1.35		0.66	0.89
2009	15.1	16.5	31.6	3.65	115.4	16.5	19.6	23.8	55.5	1.39		0.62	0.86
2010	13.6	18.0	31.6	3.73	118.1	16.5	20.1	24.5	57.1	1.43		0.58	0.83
2011	12.3	19.4	31.6	3.82	121.0	16.5	20.6	25.2	58.7	1.47		0.55	0.80
2012	11.0	17.4	28.5	3.91	111.5	16.5	18.9		76.0	1.90		0.51	0.97
2013	9.9	15.7	25.6	4.01	102.7	16.5	17.5		68.7	1.72		0.48	0.83
2014	8.9	14.1	23.1	4.10	94.6	16.5	16.1		62.0	1.55		0.45	0.70
2015	8.0	12.7	20.8	4.20	87.2	16.5	14.8		55.9	1.40		0.42	0.59
2016	7.2	11.4	18.7	4.30	80.4	16.5	13.7		50.2	1.25		0.40	0.50
2017	6.5	10.3	16.8	4.40	74.1	16.5	12.6		44.9	1.12		0.37	0.42
2018	5.9	9.3	15.1	4.51	68.3	16.5	11.6		40.1	1.00		0.35	0.35
2019	5.3	8.3	13.6	4.62	62.9	16.5	10.7		35.7	0.89		0.33	0.29
2020	4.7	7.5	12.3	4.73	58.0	16.5	9.9		31.6	0.79		0.31	0.24
2021	4.3	6.8	11.0	4.84	53.4	16.5	9.1		27.8	0.69		0.29	0.20
2022	3.8	6.1	9.9	4.96	49.2	16.5	8.4		24.3	0.61		0.27	0.16
2023	3.5	5.5	8.9	5.08	45.4	16.5	7.7		21.1	0.53		0.25	0.13
2024	3.1	4.9	8.0	5.20	41.8	16.5	7.1		18.2	0.45		0.24	0.11
2025	2.8	4.4	7.2	5.32	38.5	16.5	6.5		15.4	0.39		0.22	0.09
2026	2.5	4.0	6.5	5.45	35.5	16.5	6.0		12.9	0.32		0.21	0.07
2027	2.3	3.6	5.9	5.58	32.7	16.5	5.6		10.6	0.27		0.20	0.05
2028	2.0	3.2	5.3	5.71	30.1	16.5	5.1		8.5	0.21		0.18	0.04
2029	1.8	2.9	4.7	5.85	27.8	16.5	4.7		6.5	0.16		0.17	0.03
2030	1.7	2.6	4.3	5.99	25.6	16.5	4.4		4.7	0.12		0.16	0.02
2031	1.5	2.4	3.8	6.13	23.6	16.5	4.0		3.0	0.08		0.15	0.01

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**Table HGT-2**  
**Hugoton Royalty Trust**  
**Distributable Income**

	Q4	Year	Q1	Q2	Q3	Q4E	Year	Q1E	Q2E	Q3E	Q4E	Next
	12/31/00	2000	3/31/01	6/30/01	9/30/01	12/31/01	2001E	3/31/02	6/30/02	9/30/02	12/31/02	Twelve
												Months
<b>Highlights</b>												
Revenue (\$mm) (80%)	33.6	101.6	48.8	39.5	27.9	18.6	134.8	19.6	20.8	21.8	22.5	84.7
Cash flow (\$mm) (80%)	25.4	74.2	39.4	30.5	20.4	12.8	103.1	12.1	13.3	14.1	14.7	54.1
Per unit	0.64	1.86	0.98	0.76	0.51	0.32	2.58	0.30	0.33	0.35	0.37	1.35
Tax credit (\$mm)	0.1	0.6	0.1	0.1	0.1	0.1	0.6	0.1	0.1	0.1	0.1	0.6
Per unit	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
Distributable Income (\$mm)	18.3	56.7	33.7	21.7	15.3	8.5	79.1	7.5	8.7	9.4	10.0	35.6
Per unit	0.46	1.42	0.84	0.54	0.38	0.21	1.98	0.19	0.22	0.24	0.25	0.89
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
<b>Volume</b>												
Natural Gas (bcf)	9.4	36.8	9.2	8.7	9.2	9.5	36.6	9.4	9.1	9.4	9.4	37.2
Natural Gas (mmcf)	102.7	100.9	99.9	97.8	99.8	103.5	100.3	102.0	102.0	102.0	102.0	102.0
Days	92	366	92	89	92	92	365	92	89	92	92	365
Oil (mb)	98	400	96	102	101	100	399	99	95	97	96	387
Oil (mbd)	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1
Days	92	366	92	89	92	92	365	92	89	92	92	365
Total (bcf)	10.0	39.2	9.8	9.3	9.8	10.1	39.0	10.0	9.6	10.0	10.0	39.6
<b>Price</b>												
Natural Gas (HH lagged two months)												
Henry Hub (\$/mmbtu)	4.83	3.49	7.57	5.30	3.67	2.53	4.77	2.60	2.86	2.91	3.00	2.84
Differential (\$/mmbtu)	0.72	0.35	1.25	(0.03)	0.16	0.35	0.46	0.18	0.20	0.20	0.21	0.20
HGT (\$/mcf)	4.11	3.14	6.31	5.34	3.51	2.18	4.30	2.42	2.66	2.70	2.79	2.64
Oil (\$/bbl) (WTI Cushing lagged two months)												
WTI Cushing	31.56	29.02	30.84	28.09	27.56	25.28	27.94	19.29	19.81	20.22	20.42	19.94
HGT	32.31	28.67	30.43	28.37	26.56	24.78	27.51	18.79	19.31	19.72	19.92	19.43
Total (\$/mcf)	4.19	3.24	6.24	5.30	3.57	2.30	4.32	2.46	2.69	2.74	2.82	2.68
<b>Revenue (\$mm)</b>												
Natural Gas	38.9	115.6	58.0	46.4	32.3	20.8	157.5	22.7	24.2	25.4	26.2	98.4
Oil	3.2	11.5	2.9	2.9	2.7	2.5	11.0	1.9	1.8	1.9	1.9	7.5
Total	42.0	127.0	61.0	49.3	34.9	23.3	168.5	24.6	26.0	27.3	28.1	105.9
<b>Cost (\$mm)</b>												
Tax, transport & other	3.8	12.0	5.0	5.0	3.3	2.3	15.6	2.5	2.6	2.7	2.8	10.6
Production	4.6	15.0	4.9	4.3	4.2	2.8	16.1	5.0	4.8	5.0	5.0	19.8
Overhead	1.8	7.2	1.8	1.9	2.0	2.2	7.9	2.0	1.9	2.0	2.0	7.9
Total	10.3	34.3	11.7	11.2	9.4	7.3	39.7	9.4	9.4	9.7	9.8	38.3
<b>Cash flow (\$mm)</b>	31.8	92.8	49.2	38.1	25.5	15.9	128.8	15.1	16.6	17.6	18.3	67.7
Development	8.9	21.8	7.1	11.0	6.3	5.5	29.9	5.7	5.7	5.7	5.7	22.8
<b>Net proceeds (\$mm)</b>	22.9	71.0	42.1	27.2	19.2	10.5	99.0	9.4	10.9	11.9	12.6	44.9
<b>Royalty income (\$mm)</b>	18.3	56.8	33.7	21.7	15.4	8.4	79.2	7.5	8.7	9.5	10.1	35.9
Royalty/Net proceeds	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%
Administration	(0.0)	0.1	0.0	0.0	0.1	(0.1)	0.0	0.1	0.1	0.1	0.1	0.3
<b>Distributable income (\$mm)</b>	18.3	56.7	33.7	21.7	15.3	8.5	79.1	7.5	8.7	9.4	10.0	35.6
<b>Cost ratios</b>												
Tax and other/revenue	9%	9%	8%	10%	9%	10%	9%	10%	10%	10%	10%	10%
Production cost (\$/mcf)	0.46	0.38	0.50	0.46	0.42	0.27	0.41	0.50	0.50	0.50	0.50	0.50
Overhead cost (\$/mcf)	0.18	0.18	0.19	0.21	0.20	0.22	0.20	0.20	0.20	0.20	0.20	0.20
Development/Cash flow	0.28	0.23	0.14	0.29	0.25	0.34	0.23	0.38	0.34	0.32	0.31	0.34

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**Table SJT-1**  
**San Juan Basin Royalty Trust**  
**Present Value**

Volume Decline (%/yr):	10	Price Escalation Post 2006 (%/yr):	2.4
Volume Enhancement (%/yr):	10	Discount rate (%/yr):	6.6
Capex/Cash Flow (%):	25	U.S. TIPS Inflation (%/yr):	1.6
Variable Cost (%):	11	U.S. 10 Year Yield (%/yr):	5.2
PV/Volume (\$/mcf):	1.16	PV/EBITDA 2002:	11.9

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 2002 through 2031													
	312	272	584	3.52	2055	354	226	196	1279	27.45	0.12	0.53	14.50
2002	32.6	0.0	32.6	2.36	77.0	11.8	8.5	18.4	38.3	0.82	0.12	0.97	0.91
2003	29.3	3.3	32.6	2.79	90.9	11.8	10.0	17.3	51.8	1.11		0.91	1.01
2004	26.4	6.2	32.6	2.90	94.7	11.8	10.4	18.1	54.4	1.17		0.85	0.99
2005	23.8	8.8	32.6	2.99	97.6	11.8	10.7	18.8	56.3	1.21		0.80	0.97
2006	21.4	11.2	32.6	3.06	99.8	11.8	11.0	19.3	57.8	1.24		0.75	0.93
2007	19.3	13.4	32.6	3.13	102.0	11.8	11.2	19.8	59.3	1.27		0.70	0.90
2008	17.3	15.3	32.6	3.20	104.5	11.8	11.5	20.3	60.9	1.31		0.66	0.86
2009	15.6	17.0	32.6	3.28	107.0	11.8	11.8	20.9	62.6	1.34		0.62	0.83
2010	14.0	18.6	32.6	3.36	109.5	11.8	12.0	21.4	64.3	1.38		0.58	0.80
2011	12.6	20.0	32.6	3.44	112.2	11.8	12.3	22.0	66.0	1.42		0.55	0.77
2012	11.4	18.0	29.3	3.52	103.4	11.8	11.4		80.2	1.72		0.51	0.88
2013	10.2	16.2	26.4	3.61	95.2	11.8	10.5		73.0	1.57		0.48	0.75
2014	9.2	14.6	23.8	3.69	87.8	11.8	9.7		66.3	1.42		0.45	0.64
2015	8.3	13.1	21.4	3.78	80.9	11.8	8.9		60.2	1.29		0.42	0.55
2016	7.5	11.8	19.3	3.87	74.5	11.8	8.2		54.5	1.17		0.40	0.46
2017	6.7	10.6	17.3	3.96	68.7	11.8	7.6		49.3	1.06		0.37	0.39
2018	6.0	9.6	15.6	4.06	63.3	11.8	7.0		44.5	0.96		0.35	0.33
2019	5.4	8.6	14.0	4.16	58.3	11.8	6.4		40.1	0.86		0.33	0.28
2020	4.9	7.7	12.6	4.25	53.7	11.8	5.9		36.0	0.77		0.31	0.24
2021	4.4	7.0	11.4	4.36	49.5	11.8	5.4		32.3	0.69		0.29	0.20
2022	4.0	6.3	10.2	4.46	45.6	11.8	5.0		28.8	0.62		0.27	0.17
2023	3.6	5.6	9.2	4.57	42.1	11.8	4.6		25.6	0.55		0.25	0.14
2024	3.2	5.1	8.3	4.68	38.8	11.8	4.3		22.7	0.49		0.24	0.12
2025	2.9	4.6	7.5	4.79	35.7	11.8	3.9		20.0	0.43		0.22	0.10
2026	2.6	4.1	6.7	4.90	32.9	11.8	3.6		17.5	0.38		0.21	0.08
2027	2.3	3.7	6.0	5.02	30.3	11.8	3.3		15.2	0.33		0.20	0.06
2028	2.1	3.3	5.4	5.14	27.9	11.8	3.1		13.1	0.28		0.18	0.05
2029	1.9	3.0	4.9	5.26	25.8	11.8	2.8		11.1	0.24		0.17	0.04
2030	1.7	2.7	4.4	5.39	23.7	11.8	2.6		9.3	0.20		0.16	0.03
2031	1.5	2.4	4.0	5.52	21.9	11.8	2.4		7.7	0.16		0.15	0.03

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**Table SJT-2**  
**San Juan Basin Royalty Trust**  
**Distributable Income**

	Q4 12/31/00	Year 2000	Q1 3/31/01	Q2 6/30/01	Q3 9/30/01	Q4E 12/31/01	Year 2001E	Q1E 3/31/02	Q2E 6/30/02	Q3E 9/30/02	Q4E 12/31/02	Next Twelve Months 12/31/02
<b>Highlights</b>												
Revenue (\$mm) (75%)	29.9	95.5	49.6	38.7	25.5	14.7	128.5	16.9	19.2	20.2	20.8	77.0
Cash flow (\$mm) (75%)	25.2	75.7	42.2	31.9	20.0	10.1	104.3	12.5	14.6	15.4	15.9	58.4
Per unit	0.54	1.62	0.91	0.69	0.43	0.22	2.24	0.27	0.31	0.33	0.34	1.25
Tax credit (\$mm)	1.9	7.5	1.9	1.9	1.4	1.4	6.5	1.4	1.4	1.4	1.4	5.6
Per unit	0.04	0.16	0.04	0.04	0.03	0.03	0.14	0.03	0.03	0.03	0.03	0.12
Distributable Income (\$mm)	16.5	59.2	37.3	26.3	13.7	2.9	80.1	4.5	10.7	11.3	11.8	38.3
Per unit	0.35	1.27	0.80	0.56	0.29	0.06	1.72	0.10	0.23	0.24	0.25	0.82
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
<b>Volume</b>												
Natural gas (mmbtu)	11.2	45.1	11.8	11.3	11.9	11.3	46.4	11.7	11.3	11.7	11.7	46.4
Heat Content(btu/cf)	1,084	1,068	1,052	1,095	1,070	1,106	1,080	1,080	1,080	1,080	1,080	1,080
Natural gas (bcf)	10.3	42.2	11.3	10.4	11.1	10.2	43.0	10.8	10.5	10.8	10.8	43.0
Natural Gas (mmcf)	111.8	115.4	122.4	116.4	120.6	111.4	117.7	117.7	117.7	117.7	117.7	117.7
Days	92	366	92	89	92	92	365	92	89	92	92	365
Oil (mb)	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Oil (mbd)	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2
Total gas & oil (bcf)	10.4	42.8	11.4	10.5	11.2	10.4	43.5	11.0	10.6	11.0	11.0	43.5
<b>Price</b>												
Natural gas (\$/mmbtu) (Henry Hub lagged two months)												
Henry Hub (\$/mmbtu)	4.83	3.49	7.57	5.30	3.67	2.53	4.77	2.60	2.86	2.91	3.00	2.84
Differential (%)	27	21	27	15	23	33	24	27	22	22	22	23
Total	3.52	2.77	5.53	4.49	2.82	1.69	3.65	1.90	2.23	2.27	2.34	2.18
Natural gas (\$/mcf)	3.81	2.96	5.81	4.92	3.02	1.87	3.94	2.05	2.41	2.45	2.53	2.36
Oil (\$/bbl) (WTI Cushing lagged two months)												
WTI Cushing	32.73	29.31	28.79	28.09	27.56	25.28	27.43	19.29	19.81	20.22	20.42	19.94
SJT	28.37	24.66	26.90	24.60	23.72	21.28	24.23	15.29	15.81	16.22	16.42	15.94
Total gas & oil (\$/mcf)	3.83	2.97	5.79	4.91	3.03	1.89	3.94	2.06	2.41	2.45	2.53	2.36
<b>Revenue (\$mm)</b>												
Natural Gas	39.2	124.9	65.5	50.9	33.5	19.2	169.1	22.2	25.2	26.5	27.4	101.3
Oil	0.7	2.4	0.7	0.6	0.5	0.5	2.3	0.3	0.3	0.4	0.4	1.4
Total	39.9	127.3	66.1	51.6	34.0	19.6	171.4	22.5	25.6	26.9	27.7	102.7
<b>Cost (\$mm)</b>												
Severance tax	3.6	12.3	6.5	5.2	3.7	2.1	17.4	2.3	2.6	2.7	2.8	10.3
Operating	2.7	14.0	3.3	3.8	3.7	4.2	14.9	3.6	3.6	3.7	3.7	14.6
Total	6.3	26.3	9.8	9.0	7.3	6.2	32.3	5.9	6.1	6.4	6.5	24.9
<b>Cash flow (\$mm)</b>												
Development	11.2	25.6	6.3	7.1	8.1	11.5	33.0	9.3	4.9	5.1	5.3	24.6
Total	22.4	75.4	50.0	35.5	18.6	1.9	106.0	7.3	14.6	15.4	15.9	53.3
<b>Net proceeds (\$mm)</b>												
Royalty/Net proceeds	16.8	56.5	37.5	26.6	14.0	1.4	79.5	5.5	10.9	11.5	12.0	39.9
Royalty/Net proceeds	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	3.0
Administration	0.3	1.1	0.2	0.4	0.3	(1.5)	(0.6)	1.0	0.2	0.2	0.2	1.6
One-time		3.7					-					-
<b>Distributable income (\$mm)</b>												
Modeling ratios												
Severance tax/revenue	9.0%	9.7%	9.9%	10.0%	10.7%	10.5%	10.2%	10.1%	10.0%	10.0%	10.0%	10.0%
Operating cost (\$/mcf)	0.26	0.33	0.29	0.36	0.33	0.40	0.34	0.33	0.34	0.34	0.34	0.33

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## Meter Reader Tables

### Weekly Analysis of Energy Stocks

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**Table SJT-3**  
**San Juan Basin Royalty Trust**  
**Monthly Declarations**

	Aug-01	Sep-01	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02
<b>Distribution (\$/unit)</b>								
Declared	0.11	0.07	0.04	0.02	-			
Projected						-	0.03	0.07
<b>Volume</b>								
Natural gas (mmbtu)	4.04	4.20	3.82	3.99	3.53	3.81	3.94	3.94
Heat Content(btu/cf)	1,121	1,068	1,113	1,096	1,109	1,080	1,080	1,080
Natural gas (bcf)	3.60	3.93	3.43	3.64	3.18	3.53	3.65	3.65
Natural Gas (mmcf)	120	127	111	121	103	118	118	118
Days	30	31	31	30	31	30	31	31
<b>Price</b>								
Natural gas industry quotes lagged two months (\$/mmbtu)								
Henry Hub Daily	3.71	3.10	2.95	2.18	2.45	2.36		
Henry Hub Future								2.90
San Juan Monthly Index	3.14	2.36	2.47	2.16	1.41	2.69	2.32	
SJT/Henry Hub	0.77	0.69	0.72	0.88	0.39			0.79
SJT/San Juan Index	0.91	0.91	0.86	0.89	0.68	0.68	0.68	
SJT (\$/mmbtu)	2.86	2.14	2.13	1.92	0.96	1.83	1.58	2.29
SJT (\$/mcf)	3.21	2.28	2.37	2.11	1.06	1.98	1.71	2.47
<b>Revenue (\$mm)</b>								
Natural Gas	11.6	9.0	8.1	7.7	3.4	7.0	6.2	9.0
Other	0.1	0.0	0.0	0.0	2.4	(2.4)	0.0	0.0
<b>Cost (\$mm)</b>								
Severance tax	1.3	1.1	0.8	0.8	0.4	0.7	0.6	0.9
Operating	1.2	1.1	1.5	1.2	1.4	1.2	1.2	1.2
Total	2.4	2.2	2.4	2.1	1.8	1.9	1.9	2.1
<b>Cash flow (\$mm)</b>								
Development	2.4	2.6	3.4	4.1	4.0	2.7	2.7	2.7
<b>Net proceeds (\$mm)</b>								
	6.8	4.3	2.3	1.5	-	-	1.7	4.2
<b>Royalty income (\$mm)</b>								
Royalty/Net proceeds	75%	75%	75%	75%	75%	75%	75%	75%
<b>Distributable income (\$mm)</b>								
	5.1	3.2	1.8	1.1	-	-	1.3	3.2
<b>Units (millions)</b>								
	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
<b>Distribution (\$/unit)</b>								
	0.11	0.07	0.04	0.02	-	-	0.03	0.07
<i>Ratios</i>								
Severance tax/revenue	10.9%	12.1%	10.4%	10.7%	11.9%	10.3%	10.3%	10.3%
Operating cost (\$/mcf)	0.33	0.27	0.44	0.34	0.44	0.34	0.33	0.33
<i>Latest Twelve Month Average</i>								
Heat Content(btu/cf)	1,076	1,073	1,077	1,077	1,080			
Natural Gas (mmcf)	117	118	119	119	118			
SJT/Henry Hub	0.79	0.77	0.77	0.79	0.75			
SJT/San Juan Index	0.87	0.88	0.87	0.87	0.85			
Other revenue				0.1	0.3			
Operating	1.2	1.2	1.2	1.2	1.2			
Development	2.7	2.7	2.8	2.8	2.7			
Severance tax/revenue		10.1%	10.1%	10.1%	10.3%			

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