

Natural Gas Royalty Trusts

A Weekly Analysis

April 29, 2002

One Sigma

More than 100 weekly calculations for natural gas royalty trusts have kept us on top of developments with timely insight along with some less significant noise. We will keep looking for the insight and will try to filter out the noise by calling attention only to changes of more than one sigma. Weekly changes in estimated Present Value and estimated Next Twelve Months Distribution fall within a standard deviation (sigma) of about 3% and 6% respectively. That is, two thirds of the time the weekly changes fall within plus or minus one sigma of the level for the previous week. Weekly changes in six-year and one-year natural gas price have the same sigma, or volatility, of about 3% and 6% respectively. Six-year and one-year oil have less volatility at about 2.5% and 4%. There was a one-sigma increase in Present Value and a one-sigma decline in estimated Next Twelve Months Distribution in SJT for the week ended April 25, 2002. There were no one-sigma changes in one-year or six-year natural gas or oil at the same time. A one-sigma reduction in interest rate for the U.S. ten year Note helped Present Value.

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

	<i>Symbol/ Rating</i>	<i>Price (\$/sh) 25-Apr 2002</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	18.81	6.0	113	18.90	-	1.00
San Juan Basin Royalty Trust	SJT	11.92	46.6	560	15.50	-	0.77
Hugoton RoyaltyTrust (46%)	HGT	11.13	18.4	210	15.50	-	0.72

Buy/Sell rating after symbol: 1 - Strong Buy, 2 - Buy, 3 - Neutral, 4 - Sell, 5 - Strong Sell
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) 25-Apr 2002</i>	<i>EV/ Sales NTM</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	18.81	7.2	10.2	11	9.0	10.3
San Juan Basin Royalty Trust	SJT	11.92	6.0	7.7	11	9.3	10.1
Hugoton RoyaltyTrust (46%)	HGT	11.13	4.5	6.7	9	10.9	9.3

EV = Enterprise Value = Market Cap and Debt; Ebitda = Earnings before interest, tax, depreciation and amortization; NTM = Next Twelve Months Ended March 31, 2003; P/E = Stock Price to Earnings; PV = Present Value of oil and gas and other businesses

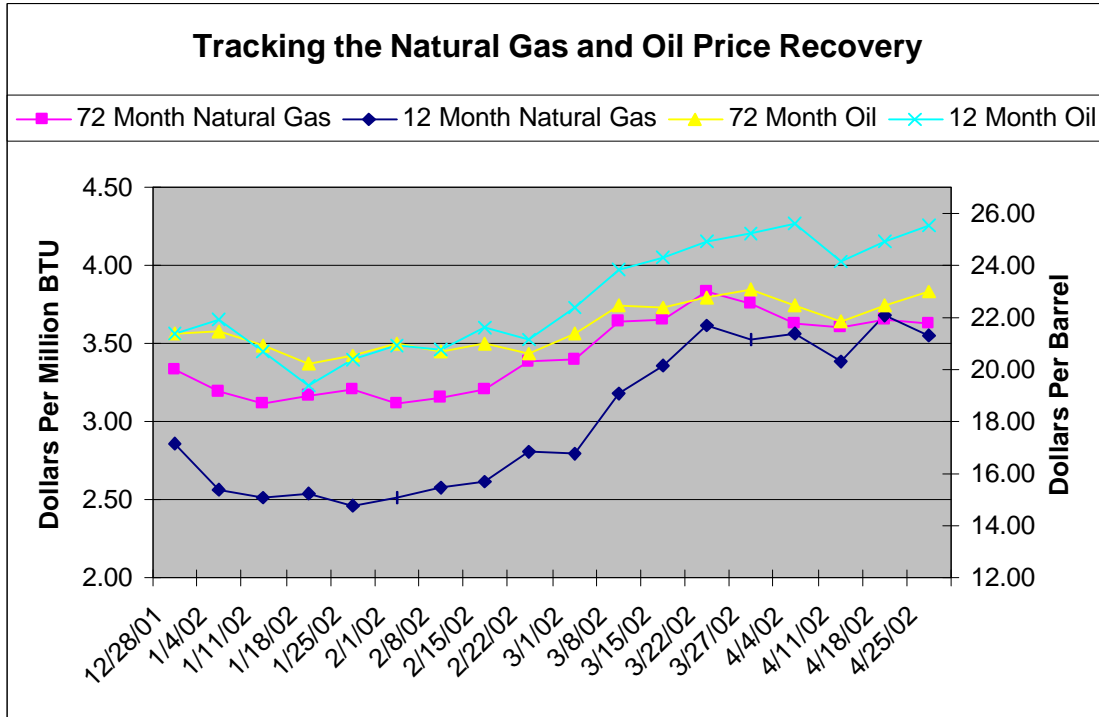
Kurt H. Wulff, CFA

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Table CRT-1
Cross Timbers Royalty Trust
Present Value

Volume Decline (%/yr):	10	Price Escalation post 2007 (%/yr):	2.8
Volume Enhancement (%/yr):	10	Discount Rate (%/yr):	6.5
		U.S. TIPS Inflation (%/yr):	2.0
		U.S. 10 Year Yield (%/yr):	5.1

PV/Volume (\$/mcf):	2.32	PV/EBITDA 2002:	11.6
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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 2002 through 2031											
	26	23	49	4.10	200	7	207	34.52	0.11	0.55	18.90
2002	2.7	0.0	2.7	2.92	8.0	1.2	9.2	1.53	0.11	0.97	1.59
2003	2.5	0.3	2.7	3.44	9.4	1.2	10.5	1.76		0.91	1.60
2004	2.2	0.5	2.7	3.44	9.4	1.0	10.3	1.72		0.85	1.47
2005	2.0	0.7	2.7	3.43	9.4	0.8	10.2	1.70		0.80	1.36
2006	1.8	0.9	2.7	3.44	9.4	0.7	10.1	1.68		0.75	1.27
2007	1.6	1.1	2.7	3.51	9.6	0.6	10.2	1.69		0.71	1.20
2008	1.4	1.3	2.7	3.60	9.8	0.6	10.4	1.73		0.66	1.15
2009	1.3	1.4	2.7	3.71	10.1	0.5	10.6	1.77		0.62	1.11
2010	1.2	1.6	2.7	3.81	10.4	0.5	10.9	1.82		0.59	1.06
2011	1.1	1.7	2.7	3.91	10.7		10.7	1.78		0.55	0.98
2012	1.0	1.5	2.5	4.02	9.9		9.9	1.65		0.52	0.85
2013	0.9	1.4	2.2	4.14	9.1		9.1	1.52		0.49	0.74
2014	0.8	1.2	2.0	4.25	8.5		8.5	1.41		0.46	0.64
2015	0.7	1.1	1.8	4.37	7.8		7.8	1.30		0.43	0.56
2016	0.6	1.0	1.6	4.49	7.2		7.2	1.21		0.40	0.48
2017	0.6	0.9	1.4	4.62	6.7		6.7	1.12		0.38	0.42
2018	0.5	0.8	1.3	4.75	6.2		6.2	1.03		0.35	0.37
2019	0.5	0.7	1.2	4.88	5.7		5.7	0.95		0.33	0.32
2020	0.4	0.6	1.1	5.01	5.3		5.3	0.88		0.31	0.28
2021	0.4	0.6	1.0	5.15	4.9		4.9	0.82		0.29	0.24
2022	0.3	0.5	0.9	5.30	4.5		4.5	0.76		0.28	0.21
2023	0.3	0.5	0.8	5.45	4.2		4.2	0.70		0.26	0.18
2024	0.3	0.4	0.7	5.60	3.9		3.9	0.65		0.24	0.16
2025	0.2	0.4	0.6	5.75	3.6		3.6	0.60		0.23	0.14
2026	0.2	0.3	0.6	5.91	3.3		3.3	0.55		0.21	0.12
2027	0.2	0.3	0.5	6.08	3.1		3.1	0.51		0.20	0.10
2028	0.2	0.3	0.5	6.25	2.8		2.8	0.47		0.19	0.09
2029	0.2	0.3	0.4	6.42	2.6		2.6	0.44		0.18	0.08
2030	0.1	0.2	0.4	6.60	2.4		2.4	0.41		0.17	0.07
2031	0.1	0.2	0.3	6.79	2.2		2.2	0.37		0.16	0.06

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Table CRT-2
Cross Timbers Royalty Trust
Distributable Income

	Q1	Q2	Q3	Q4	Year	Q1E	Q2E	Q3E	Q4E	Year	Q1E	Next Twelve Months
	3/31/01	6/30/01	9/30/01	12/31/01	2001	3/31/02	6/30/02	9/30/02	12/31/02	2002E	3/31/03	3/31/03
Highlights												
Tax credit (\$mm)												
Per unit	0.02	0.03	0.03	0.03	0.11	0.03	0.03	0.03	0.03	0.11		0.08
Distributable Income (\$mm)	4.05	4.18	3.40	2.58	14.21	1.80	2.00	2.70	2.69	9.19	2.78	10.16
Per unit	0.67	0.70	0.57	0.43	2.37	0.30	0.33	0.45	0.45	1.53	0.46	1.69
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)	0.66	0.71	0.79	0.77	2.93	0.76	0.75	0.76	0.76	3.03	0.76	3.03
Natural Gas (mmcf)	7.2	7.8	8.6	8.4	8.0	8.3	8.3	8.3	8.3	8.3	8.3	8.3
Days	92	90	91	92	365	92	90	91	92	365	92	365
Oil (mb)	83	79	90	99	351	88	85	88	88	350	88	350
Oil (mbd)	0.90	0.89	0.98	1.08	0.96	0.96	0.96	0.96	0.96	0.96	0.96	3.84
Days	92	89	92	92	365	92	89	92	92	365	92	365
Total (bcf)	1.16	1.18	1.33	1.37	5.03	1.29	1.26	1.29	1.29	5.13	1.29	5.13
Price												
Natural Gas (HH lagged three months)												
Henry Hub (\$/mmbtu)	6.52	6.31	4.36	2.75	4.98	2.41	2.53	3.36	3.38	2.92	3.62	3.22
Differential (\$/mmbtu)	0.41	(0.48)	(0.41)	(0.24)	(0.11)	-	-	-	-	(0.00)	-	(0.00)
CRT (\$/mcf)	6.11	6.79	4.77	2.99	5.09	2.41	2.53	3.36	3.38	2.92	3.62	3.23
Oil (\$/bbl) (WTI lagged two months)												
WTI Cushing	30.84	28.09	27.56	25.28	27.94	19.56	23.74	26.53	25.84	23.92	25.15	25.32
CRT	28.73	24.92	24.07	22.75	24.99	17.56	21.74	24.53	23.84	21.92	23.15	23.33
Total (\$/mcf)	5.54	5.73	4.46	3.34	4.70	2.62	2.98	3.66	3.62	3.22	3.72	3.50
Revenue (\$mm)												
Natural Gas	4.05	4.79	3.75	2.31	14.91	1.84	1.89	2.54	2.58	8.85	2.77	9.77
Oil	2.38	1.98	2.16	2.25	8.77	1.55	1.86	2.17	2.11	7.68	2.04	8.17
Total	6.43	6.77	5.91	4.56	23.68	3.39	3.75	4.70	4.68	16.53	4.81	17.95
Cost (\$mm)												
Tax, transport & other	0.84	0.89	0.87	0.69	3.30	0.47	0.52	0.66	0.66	2.31	0.67	2.51
Production	0.71	0.74	0.73	0.73	2.91	0.73	0.71	0.73	0.73	2.91	0.73	2.91
Total	1.55	1.63	1.60	1.42	6.20	1.21	1.23	1.39	1.39	5.22	1.41	5.42
Cash flow (\$mm)												
Development	0.16	0.41	0.40	0.16	1.13	0.20	0.20	0.20	0.20	0.80	0.20	0.80
Net proceeds (\$mm)	4.72	4.73	3.91	2.98	16.34	1.98	2.31	3.11	3.10	10.50	3.21	11.73
Royalty income (\$mm)												
Royalty/Net proceeds	87%	89%	88%	88%	88%	88%	88%	88%	88%	88%	88%	88%
Administration	0.06	0.04	0.05	0.03	0.18	(0.06)	0.04	0.04	0.04	0.06	0.04	0.16
Distributable income (\$mm)	4.05	4.18	3.40	2.58	14.21	1.80	2.00	2.70	2.69	9.19	2.78	10.16
Modeling ratios												
Tax and other/revenue	0.13	0.13	0.15	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Production exp (\$/bbl)	8.58	9.29	8.12	7.37	8.28	8.30	8.30	8.30	8.30	8.30	8.30	8.30

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Table HGT-1
Hugoton Royalty Trust
Present Value

Volume Decline (%/yr):	10	Price Escalation Post 2007 (%/yr):	2.8
Volume Enhancement (%/yr):	10	Discount rate (%/yr):	6.5
Capex/Cash Flow (%):	30	U.S. TIPS Inflation (%/yr):	2.0
Variable Cost (%):	17	U.S. 10 Year Yield (%/yr):	5.1

PV/Volume (\$/mcf):	1.12	PV/EBITDA 2002:	10.5
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Year	Volume		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)
	Basic (bcf)	Enhanced (bcf)											
Total 2002 through 2031													
	295	256	551	4.01	2213	448	376	220	1168	29.20	0.02	0.53	15.50
2002	30.8	0.0	30.8	2.90	89.3	14.9	15.2	18.3	40.9	1.02	0.02	0.97	1.01
2003	27.7	3.1	30.8	3.37	103.7	14.9	17.6	21.3	49.8	1.24		0.91	1.13
2004	24.9	5.9	30.8	3.36	103.6	14.9	17.6	21.3	49.7	1.24		0.85	1.06
2005	22.4	8.3	30.8	3.36	103.5	14.9	17.6	21.3	49.6	1.24		0.80	1.00
2006	20.2	10.6	30.8	3.37	103.7	14.9	17.6	21.4	49.8	1.25		0.75	0.94
2007	18.2	12.6	30.8	3.43	105.7	14.9	18.0	21.8	50.9	1.27		0.71	0.90
2008	16.4	14.4	30.8	3.53	108.6	14.9	18.5	22.6	52.7	1.32		0.66	0.88
2009	14.7	16.1	30.8	3.63	111.7	14.9	19.0	23.3	54.4	1.36		0.62	0.85
2010	13.3	17.5	30.8	3.73	114.8	14.9	19.5	24.1	56.2	1.41		0.59	0.82
2011	11.9	18.9	30.8	3.83	118.0	14.9	20.1	24.9	58.1	1.45		0.55	0.80
2012	10.7	17.0	27.7	3.94	109.2	14.9	18.6		75.7	1.89		0.52	0.98
2013	9.7	15.3	24.9	4.05	101.0	14.9	17.2		68.9	1.72		0.49	0.84
2014	8.7	13.7	22.4	4.16	93.4	14.9	15.9		62.6	1.56		0.46	0.71
2015	7.8	12.4	20.2	4.28	86.4	14.9	14.7		56.8	1.42		0.43	0.61
2016	7.0	11.1	18.2	4.40	80.0	14.9	13.6		51.4	1.29		0.40	0.52
2017	6.3	10.0	16.4	4.52	74.0	14.9	12.6		46.4	1.16		0.38	0.44
2018	5.7	9.0	14.7	4.65	68.4	14.9	11.6		41.9	1.05		0.35	0.37
2019	5.1	8.1	13.3	4.78	63.3	14.9	10.8		37.6	0.94		0.33	0.31
2020	4.6	7.3	11.9	4.91	58.6	14.9	10.0		33.7	0.84		0.31	0.26
2021	4.2	6.6	10.7	5.05	54.2	14.9	9.2		30.0	0.75		0.29	0.22
2022	3.7	5.9	9.7	5.19	50.1	14.9	8.5		26.7	0.67		0.28	0.18
2023	3.4	5.3	8.7	5.33	46.4	14.9	7.9		23.5	0.59		0.26	0.15
2024	3.0	4.8	7.8	5.48	42.9	14.9	7.3		20.7	0.52		0.24	0.13
2025	2.7	4.3	7.0	5.63	39.7	14.9	6.7		18.0	0.45		0.23	0.10
2026	2.5	3.9	6.3	5.79	36.7	14.9	6.2		15.5	0.39		0.21	0.08
2027	2.2	3.5	5.7	5.95	34.0	14.9	5.8		13.2	0.33		0.20	0.07
2028	2.0	3.1	5.1	6.12	31.4	14.9	5.3		11.1	0.28		0.19	0.05
2029	1.8	2.8	4.6	6.29	29.1	14.9	4.9		9.2	0.23		0.18	0.04
2030	1.6	2.5	4.2	6.46	26.9	14.9	4.6		7.4	0.18		0.17	0.03
2031	1.5	2.3	3.7	6.64	24.9	14.9	4.2		5.7	0.14		0.16	0.02

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Table HGT-2
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Distributable Income

	Q1	Q2	Q3	Q4	Year	Q1E	Q2E	Q3E	Q4E	Year	Q1E	Next Twelve Months
	3/31/01	6/30/01	9/30/01	12/31/01	2001	3/31/02	6/30/02	9/30/02	12/31/02	2002E	3/31/03	3/31/03
Highlights												
Revenue (\$mm) (80%)	48.8	39.5	27.9	18.5	134.7	18.6	21.0	24.7	25.0	89.3	27.8	98.5
Cash flow (\$mm) (80%)	39.4	30.5	20.4	12.9	103.2	11.6	13.6	16.8	17.0	59.1	19.6	67.0
Per unit	0.98	0.76	0.51	0.32	2.58	0.29	0.34	0.42	0.43	1.48	0.49	1.68
Tax credit (\$mm)	0.2	0.2	0.2	0.2	0.7	0.2	0.2	0.2	0.2	0.7		0.5
Per unit	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.02		0.01
Distributable Income (\$mm)	33.7	21.7	15.3	8.5	79.1	7.4	9.0	12.1	12.4	40.9	14.9	48.5
Per unit	0.84	0.54	0.38	0.21	1.98	0.18	0.22	0.30	0.31	1.02	0.37	1.21
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)	9.2	8.7	9.2	9.5	36.6	9.0	8.9	9.2	9.2	36.3	9.2	36.4
Natural Gas (mmcf)	99.9	97.8	99.8	103.5	100.3	98.1	99.8	99.8	99.8	99.4	99.8	99.8
Days	92	89	92	92	365	92	89	92	92	365	92	365
Oil (mb)	96	102	101	95	394	94	90	92	91	368	91	365
Oil (mbd)	1.0	1.1	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Days	92	89	92	92	365	92	89	92	92	365	92	365
Total (bcf)	9.8	9.3	9.8	10.1	39.0	9.6	9.4	9.7	9.7	38.5	9.7	38.6
Price												
Natural Gas (HH lagged two months)												
Henry Hub (\$/mmbtu)	7.57	5.30	3.67	2.53	4.77	2.34	2.92	3.33	3.39	3.00	3.81	3.36
Differential (\$/mmbtu)	1.25	(0.03)	0.16	0.35	0.46	(0.03)	0.20	0.23	0.24	0.16	0.27	0.23
HGT (\$/mcf)	6.31	5.34	3.51	2.18	4.30	2.38	2.72	3.10	3.15	2.84	3.54	3.13
Oil (\$/bbl) (WTI Cushing lagged two months)												
WTI Cushing	30.84	28.09	27.56	25.28	27.94	19.56	23.74	26.53	25.84	23.92	25.15	25.32
HGT	30.43	28.37	26.56	25.02	27.60	19.06	23.24	26.03	25.34	23.39	24.65	24.82
Total (\$/mcf)	6.24	5.30	3.57	2.30	4.32	2.43	2.79	3.17	3.21	2.90	3.57	3.19
Revenue (\$mm)												
Natural Gas	58.0	46.4	32.3	20.8	157.5	21.5	24.2	28.4	28.9	103.0	32.5	114.1
Oil	2.9	2.9	2.7	2.4	10.9	1.8	2.1	2.4	2.3	8.6	2.2	9.1
Total	61.0	49.3	34.9	23.2	168.4	23.3	26.3	30.9	31.2	111.6	34.8	123.1
Cost (\$mm)												
Tax, transport & other	5.0	5.0	3.3	2.1	15.4	2.3	2.6	3.1	3.1	11.2	3.5	12.3
Production	4.9	4.3	4.2	2.8	16.1	4.4	4.7	4.9	4.9	18.8	4.9	19.3
Overhead	1.8	1.9	2.0	2.2	7.9	2.0	1.9	1.9	1.9	7.8	1.9	7.7
Total	11.7	11.2	9.4	7.1	39.4	8.7	9.2	9.9	9.9	37.8	10.3	39.3
Cash flow (\$mm)												
Development	7.1	11.0	6.3	5.5	29.9	5.8	5.7	5.7	5.7	22.9	5.7	22.8
Net proceeds (\$mm)												
42.1	27.2	19.2	10.6	99.1	8.8	11.3	15.3	15.6	50.9	18.8	61.0	
Royalty income (\$mm)												
33.7	21.7	15.4	8.5	79.3	7.0	9.1	12.2	12.5	40.8	15.0	48.8	
Royalty/Net proceeds	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%
Administration	0.0	0.0	0.1	0.0	0.2	(0.3)	0.1	0.1	0.1	(0.1)	0.1	0.3
Distributable income (\$mm)												
33.7	21.7	15.3	8.5	79.1	7.4	9.0	12.1	12.4	40.9	14.9	48.5	
Cost ratios												
Tax and other/revenue	8%	10%	9%	9%	9%	10%	10%	10%	10%	10%	10%	10%
Production cost (\$/mcf)	0.50	0.46	0.42	0.28	0.41	0.46	0.50	0.50	0.50	0.49	0.50	0.50
Overhead cost (\$/mcf)	0.19	0.21	0.20	0.22	0.20	0.21	0.20	0.20	0.20	0.20	0.20	0.20
Development/Cash flow	0.14	0.29	0.25	0.34	0.23	0.40	0.33	0.27	0.27	0.31	0.23	0.27

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Natural Gas Royalty Trusts

A Weekly Analysis

April 29, 2002

Table SJT-1
San Juan Basin Royalty Trust
Present Value

Volume Decline (%/yr):	10	Price Escalation Post 2007 (%/yr):	2.8
Volume Enhancement (%/yr):	10	Discount rate (%/yr):	6.5
Capex/Cash Flow (%):	25	U.S. TIPS Inflation (%/yr):	2.0
Variable Cost (%):	11	U.S. 10 Year Yield (%/yr):	5.1

PV/Volume (\$/mcf):	1.18	PV/EBITDA 2002:	11.7
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Year	Volume Basic (bcf)	Volume Enhanced (bcf)	Total (bcf)	Price (\$/mcf)	Revenue (\$mm)	Fixed Cost (\$mm)	Var Cost (\$mm)	Cap Ex (\$mm)	Distribution (\$mm)	Distribution (\$/unit)	Tax Credit (\$/unit)	Disc Factor	Present Value (\$/unit)
Total 2002 through 2031													
	326	284	610	3.66	2234	418	246	210	1360	29.19	0.12	0.53	15.50
2002	34.1	0.0	34.1	2.49	84.9	13.9	9.3	22.3	39.3	0.84	0.12	0.97	0.93
2003	30.7	3.4	34.1	3.08	104.9	13.9	11.5	19.9	59.6	1.28		0.91	1.16
2004	27.6	6.5	34.1	3.07	104.8	13.9	11.5	19.8	59.5	1.28		0.85	1.09
2005	24.9	9.2	34.1	3.07	104.7	13.9	11.5	19.8	59.4	1.28		0.80	1.02
2006	22.4	11.7	34.1	3.08	105.0	13.9	11.5	19.9	59.6	1.28		0.75	0.96
2007	20.1	14.0	34.1	3.14	107.0	13.9	11.8	20.3	60.9	1.31		0.71	0.93
2008	18.1	16.0	34.1	3.23	109.9	13.9	12.1	21.0	62.9	1.35		0.66	0.90
2009	16.3	17.8	34.1	3.32	113.0	13.9	12.4	21.7	65.0	1.39		0.62	0.87
2010	14.7	19.4	34.1	3.41	116.2	13.9	12.8	22.4	67.1	1.44		0.59	0.84
2011	13.2	20.9	34.1	3.50	119.4	13.9	13.1	23.1	69.3	1.49		0.55	0.82
2012	11.9	18.8	30.7	3.60	110.5	13.9	12.2		84.4	1.81		0.52	0.94
2013	10.7	16.9	27.6	3.70	102.2	13.9	11.2		77.0	1.65		0.49	0.80
2014	9.6	15.2	24.9	3.80	94.5	13.9	10.4		70.2	1.51		0.46	0.69
2015	8.7	13.7	22.4	3.91	87.5	13.9	9.6		63.9	1.37		0.43	0.59
2016	7.8	12.3	20.1	4.02	80.9	13.9	8.9		58.1	1.25		0.40	0.50
2017	7.0	11.1	18.1	4.13	74.8	13.9	8.2		52.7	1.13		0.38	0.43
2018	6.3	10.0	16.3	4.25	69.2	13.9	7.6		47.7	1.02		0.35	0.36
2019	5.7	9.0	14.7	4.37	64.1	13.9	7.0		43.1	0.92		0.33	0.31
2020	5.1	8.1	13.2	4.49	59.3	13.9	6.5		38.8	0.83		0.31	0.26
2021	4.6	7.3	11.9	4.61	54.8	13.9	6.0		34.9	0.75		0.29	0.22
2022	4.1	6.6	10.7	4.74	50.7	13.9	5.6		31.2	0.67		0.28	0.18
2023	3.7	5.9	9.6	4.87	46.9	13.9	5.2		27.8	0.60		0.26	0.15
2024	3.4	5.3	8.7	5.01	43.4	13.9	4.8		24.7	0.53		0.24	0.13
2025	3.0	4.8	7.8	5.15	40.2	13.9	4.4		21.8	0.47		0.23	0.11
2026	2.7	4.3	7.0	5.29	37.1	13.9	4.1		19.1	0.41		0.21	0.09
2027	2.4	3.9	6.3	5.44	34.4	13.9	3.8		16.7	0.36		0.20	0.07
2028	2.2	3.5	5.7	5.59	31.8	13.9	3.5		14.4	0.31		0.19	0.06
2029	2.0	3.1	5.1	5.75	29.4	13.9	3.2		12.2	0.26		0.18	0.05
2030	1.8	2.8	4.6	5.91	27.2	13.9	3.0		10.3	0.22		0.17	0.04
2031	1.6	2.5	4.1	6.07	25.2	13.9	2.8		8.5	0.18		0.16	0.03

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Natural Gas Royalty Trusts

A Weekly Analysis

April 29, 2002

Table SJT-2
San Juan Basin Royalty Trust
Distributable Income

	Q1	Q2	Q3	Q4	Year	Q1E	Q2E	Q3E	Q4E	Year	Q1E	Next Twelve Months
	3/31/01	6/30/01	9/30/01	12/31/01	2001	3/31/02	6/30/02	9/30/02	12/31/02	2002E	3/31/03	3/31/03
Highlights												
Revenue (\$mm) (75%)	49.6	38.7	25.5	14.8	128.5	19.1	18.2	23.6	24.0	84.9	26.9	92.6
Cash flow (\$mm) (75%)	42.2	31.9	20.0	10.1	104.3	14.1	13.4	18.4	18.7	64.5	21.3	71.8
Per unit	0.91	0.69	0.43	0.22	2.24	0.30	0.29	0.39	0.40	1.38	0.46	1.54
Tax credit (\$mm)	1.9	1.9	1.4	1.4	6.5	1.4	1.4	1.4	1.4	5.6		4.2
Per unit	0.04	0.04	0.03	0.03	0.14	0.03	0.03	0.03	0.03	0.12		0.09
Distributable Income (\$mm)	37.3	26.3	13.7	2.9	80.1	3.5	8.4	13.6	13.8	39.3	15.8	51.6
Per unit	0.80	0.56	0.29	0.06	1.72	0.08	0.18	0.29	0.30	0.84	0.34	1.11
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)	11.8	11.3	11.9	11.3	46.4	12.5	11.5	11.9	11.9	47.9	11.9	47.3
Heat Content(btu/cf)	1,052	1,095	1,070	1,106	1,080	1,092	1,057	1,057	1,057	1,066	1,057	1,057
Natural gas (bcf)	11.3	10.4	11.1	10.2	43.0	11.5	10.9	11.3	11.3	45.0	11.3	44.8
Natural Gas (mmcf)	122.4	116.4	120.6	111.4	430.0	124.7	122.7	122.7	122.7	450.0	122.7	448.0
Days	92	89	92	92	365	92	89	92	92	365	92	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	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total gas & oil (bcf)	11.4	10.5	11.2	10.4	43.5	11.6	11.0	11.4	11.4	45.5	11.4	45.3
Price												
Natural gas (\$/mmbtu) (Henry Hub lagged two months)												
Henry Hub (\$/mmbtu)	7.57	5.30	3.67	2.53	4.77	2.34	2.92	3.33	3.39	3.00	3.81	3.36
Differential (%)	27	15	23	33	24	14	29	22	22	22	22	23
Total	5.53	4.49	2.82	1.69	3.65	2.01	2.06	2.60	2.64	2.33	2.97	2.57
Natural gas (\$/mcf)	5.81	4.92	3.02	1.87	3.94	2.20	2.18	2.75	2.79	2.48	3.14	2.72
Oil (\$/bbl) (WTI Cushing lagged two months)												
WTI Cushing	28.79	28.09	27.56	25.28	27.43	19.56	23.74	26.53	25.84	23.92	25.15	25.32
SJT	26.90	24.60	23.72	24.49	24.99	15.56	19.74	22.53	21.84	19.92	21.15	21.33
Total gas & oil (\$/mcf)	5.79	4.91	3.03	1.90	3.94	2.20	2.19	2.76	2.80	2.49	3.14	2.73
Revenue (\$mm)												
Natural Gas	65.5	50.9	33.5	19.2	169.1	25.2	23.8	31.0	31.5	111.5	35.5	121.8
Oil	0.7	0.6	0.5	0.5	2.3	0.3	0.4	0.5	0.4	1.6	0.4	1.7
Total	66.1	51.6	34.0	19.7	171.4	25.5	24.2	31.5	32.0	113.2	35.9	123.5
Cost (\$mm)												
Severance tax	6.5	5.2	3.7	2.1	17.4	2.6	2.4	3.1	3.2	11.3	3.6	12.3
Operating	3.3	3.8	3.7	4.2	14.9	4.1	4.0	3.8	3.8	15.8	3.8	15.5
Total	9.8	9.0	7.3	6.2	32.3	6.7	6.4	7.0	7.0	27.1	7.4	27.8
Cash flow (\$mm)												
Development	6.3	7.1	8.1	11.5	33.0	11.3	6.0	6.1	6.2	29.7	7.1	25.5
Net proceeds (\$mm)												
Net proceeds	50.0	35.5	18.6	1.9	106.1	7.5	11.8	18.4	18.7	56.3	21.3	70.2
Royalty income (\$mm)												
Royalty/Net proceeds	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	3.0
Administration	0.2	0.4	0.3	(1.5)	(0.6)	2.1	0.4	0.2	0.2	2.9	0.2	1.0
One-time					-					-		-
Distributable income (\$mm)												
Distributable income	37.3	26.3	13.7	2.9	80.1	3.5	8.4	13.6	13.8	39.3	15.8	51.6
Modeling ratios												
Severance tax/revenue	9.9%	10.0%	10.7%	10.5%	10.2%	10.2%	9.8%	10.0%	10.0%	10.0%	10.0%	10.0%
Operating cost (\$/mcf)	0.29	0.36	0.33	0.40	0.34	0.36	0.36	0.34	0.34	0.35	0.34	0.34

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Natural Gas Royalty Trusts

A Weekly Analysis

April 29, 2002

Table SJT-3
San Juan Basin Royalty Trust
Monthly Declarations

	<i>Dec-00</i>	<i>Apr-01</i>	<i>May-01</i>	<i>Jan-02</i>	<i>Feb-02</i>	<i>Mar-02</i>	<i>Apr-02</i>	<i>May-02</i>	<i>Jun-02</i>
Distribution (\$/unit)									
Declared	0.15	0.22	0.17	-	0.01	0.06	0.01		
Projected								0.07	0.10
Volume									
Natural gas (mmbtu)	3.93	3.31	4.16	3.87	4.46	4.19	3.82	3.92	3.80
Heat Content(btu/cf)	1,079	1,076	1,063	1,088	1,099	1,087	1,057	1,057	1,057
Natural gas (bcf)	3.64	3.08	3.91	3.56	4.05	3.86	3.62	3.71	3.59
Natural Gas (mmcf)	117	110	126	119	131	124	129	120	120
Days	31	28	31	30	31	31	28	31	30
Price									
Natural gas industry quotes lagged two months (\$/mmbtu)									
Henry Hub Daily/Futures	5.02	5.59	5.16	2.36	2.41	2.25	2.31	3.03	3.44
San Juan Monthly Index	4.47	6.55	4.88	2.69	2.32	2.42	1.81	2.14	3.04
SJT/Henry Hub	0.81	1.02	0.76	0.90	0.77	0.92	0.62	0.70	0.77
SJT/San Juan Index	0.91	0.87	0.81	0.79	0.80	0.86	0.80	0.98	0.87
SJT (\$/mmbtu)	4.08	5.69	3.94	2.12	1.86	2.08	1.44	2.10	2.65
SJT (\$/mcf)	4.41	6.13	4.19	2.31	2.04	2.26	1.52	2.23	2.80
Revenue (\$mm)									
Natural Gas	16.1	18.9	16.4	8.2	8.3	8.7	5.5	8.3	10.1
Other	0.5	0.0	0.2	(1.7)	(0.5)	(0.2)	(0.1)	(0.1)	(0.1)
Cost (\$mm)									
Severance tax	1.3	1.9	1.7	0.9	0.9	0.9	0.5	0.9	1.0
Operating	1.1	1.2	1.3	1.4	1.5	1.2	1.4	1.3	1.3
Total	2.4	3.1	3.0	2.3	2.3	2.1	1.8	2.2	2.4
Cash flow (\$mm)	14.2	15.8	13.6	4.2	5.5	6.4	3.6	6.0	7.6
Development	4.9	1.9	2.8	4.2	4.8	2.4	3.0	1.5	1.5
Net proceeds (\$mm)	9.3	13.9	10.7	-	0.7	4.0	0.6	4.5	6.1
Royalty income (\$mm)	7.0	10.4	8.0	-	0.5	3.0	0.5	3.4	4.6
Royalty/Net proceeds	75%	75%	75%	75%	75%	75%	75%	75%	75%
Distributable income (\$mm)	7.0	10.4	8.0	-	0.5	3.0	0.5	3.4	4.6
Units (millions)	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
<i>Latest Twelve Month Average</i>									
Heat Content(btu/cf)	1,064	1,064	1,065	1,081	1,088	1,090	1,088		
Natural Gas (mmcf)	115	118	119	118	118	118	120		
SJT/Henry Hub	0.81	0.78	0.78	0.77	0.79	0.79	0.76		
SJT/San Juan Index	0.90	0.88	0.87	0.84	0.84	0.85	0.84		
Other revenue				0.1	0.0	0.0	0.0		
Operating	1.2	1.2	1.1	1.3	1.3	1.3	1.3		
Development	2.1	2.3	2.4	2.8	3.1	3.2	3.3		
Severance tax/revenue				10.3%	10.4%	10.5%	10.4%		

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