

Natural Gas Royalty Trusts

A Weekly Analysis

March 4, 2002

Inflation Gaining

Get ready for more inflation is the message of the bond market for the past four months. Implied inflation as measured in the yields of U.S. Treasury securities seems to have been in a gradual up trend since the run on Enron was starting its crescendo (see discussion in *Meter Reader* of the same date). In addition to Treasury Inflation Protected Securities (TIPS) for the reassurance their name implies, we like Natural Gas Royalty Trusts as a means to offset the declining purchasing power of the currency. We incorporate the market inflation rate in our weekly calculation of present value and we tie our discount rate to the government bond yield. Last week, estimated present value changed only 1%, 0%, and 0% for CRT, HGT and SJT respectively. Estimated Next Twelve Months distribution changed 2%, -5%, and -3% for CRT, HGT and SJT respectively. CRT's slight oil representation apparently accounted for the difference in response to commodity price changes. The negative changes for HGT and SJT were smaller than the positive changes the previous week.

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

	<i>Symbol/ Rating</i>	<i>Price (\$/sh) 1-Mar 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	18.22	6.0	109	18.60	-	0.98	
Hugoton RoyaltyTrust	HGT	10.40	40.0	420	14.70	-	0.71	
San Juan Basin Royalty Trust	SJT	2	10.02	46.6	470	14.70	-	0.68

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) 1-Mar 2002</i>	<i>EV/ Sales NTM</i>	<i>EV/ Ebitda NTM</i>	<i>Dividend or Distribution P/E NTM</i>	<i>NTM (%)</i>	<i>PV/ Ebitda NTM</i>	
Cross Timbers Royalty Trust	CRT	18.22	7.1	12.7	14	7.3	13.0	
San Juan Basin Royalty Trust	SJT	2	10.02	6.3	8.3	11	8.8	12.2
Hugoton RoyaltyTrust	HGT	10.40	5.2	8.3	13	7.6	11.7	

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):	2.5
Volume Enhancement (%/yr):	10	Discount Rate (%/yr):	6.4
		U.S. TIPS Inflation (%/yr):	1.7
		U.S. 10 Year Yield (%/yr):	5.0

PV/Volume (\$/mcf):	2.19	PV/EBITDA 2002:	13.8
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Year	Natural Gas Volume			Price (\$/mcf)	Revenue (\$mm)	Oil			Tax Credit (\$/unit)	Disc Factor	Present Value (\$/unit)
	Basic (bcf)	Enhanced (bcf)	Total (bcf)			Net (\$mm)	Distribution (\$mm)	Distribution (\$/unit)			
Total 2002 through 2031											
	27	24	51	3.94	201	4	204	34.08	0.11	0.54	18.60
2002	2.8	0.0	2.8	2.44	6.9	0.5	7.5	1.25	0.11	0.97	1.32
2003	2.6	0.3	2.8	3.00	8.5	0.7	9.3	1.54		0.91	1.41
2004	2.3	0.5	2.8	3.22	9.2	0.6	9.8	1.63		0.86	1.40
2005	2.1	0.8	2.8	3.33	9.5	0.5	10.0	1.66		0.81	1.34
2006	1.9	1.0	2.8	3.41	9.7	0.4	10.1	1.68		0.76	1.27
2007	1.7	1.2	2.8	3.49	9.9	0.3	10.2	1.71		0.71	1.22
2008	1.5	1.3	2.8	3.58	10.2	0.3	10.5	1.74		0.67	1.17
2009	1.4	1.5	2.8	3.67	10.4	0.3	10.7	1.78		0.63	1.12
2010	1.2	1.6	2.8	3.76	10.7	0.2	10.9	1.82		0.59	1.08
2011	1.1	1.7	2.8	3.86	11.0		11.0	1.83		0.56	1.02
2012	1.0	1.6	2.6	3.96	10.1		10.1	1.69		0.52	0.88
2013	0.9	1.4	2.3	4.06	9.3		9.3	1.56		0.49	0.76
2014	0.8	1.3	2.1	4.16	8.6		8.6	1.43		0.46	0.66
2015	0.7	1.1	1.9	4.26	7.9		7.9	1.32		0.43	0.58
2016	0.6	1.0	1.7	4.37	7.3		7.3	1.22		0.41	0.50
2017	0.6	0.9	1.5	4.48	6.8		6.8	1.13		0.38	0.43
2018	0.5	0.8	1.4	4.59	6.2		6.2	1.04		0.36	0.38
2019	0.5	0.7	1.2	4.71	5.8		5.8	0.96		0.34	0.33
2020	0.4	0.7	1.1	4.83	5.3		5.3	0.89		0.32	0.28
2021	0.4	0.6	1.0	4.95	4.9		4.9	0.82		0.30	0.25
2022	0.3	0.5	0.9	5.07	4.5		4.5	0.75		0.28	0.21
2023	0.3	0.5	0.8	5.20	4.2		4.2	0.70		0.27	0.18
2024	0.3	0.4	0.7	5.33	3.9		3.9	0.64		0.25	0.16
2025	0.3	0.4	0.6	5.47	3.6		3.6	0.59		0.23	0.14
2026	0.2	0.4	0.6	5.61	3.3		3.3	0.55		0.22	0.12
2027	0.2	0.3	0.5	5.75	3.0		3.0	0.50		0.21	0.10
2028	0.2	0.3	0.5	5.89	2.8		2.8	0.47		0.19	0.09
2029	0.2	0.3	0.4	6.04	2.6		2.6	0.43		0.18	0.08
2030	0.1	0.2	0.4	6.19	2.4		2.4	0.40		0.17	0.07
2031	0.1	0.2	0.3	6.35	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	Q4E	Year	Q1E	Q2E	Q3E	Q4E	Year	Q1E	Next Twelve Months
	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	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	1.73	1.80	1.93	2.03	7.48	2.22	7.97
Per unit	0.67	0.70	0.57	0.43	2.37	0.29	0.30	0.32	0.34	1.25	0.37	1.33
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	0.80	2.95	0.80	0.78	0.79	0.80	3.16	0.80	3.16
Natural Gas (mmbcf)	7.2	7.8	8.6	8.6	8.1	8.6	8.6	8.6	8.6	8.6	8.6	8.6
Days	92	90	91	92	365	92	90	91	92	365	92	365
Oil (mb)	83	79	90	90	342	90	87	90	90	356	90	356
Oil (mmbd)	0.90	0.89	0.98	0.98	0.94	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Days	92	89	92	92	365	92	89	92	92	365	92	365
Total (bcf)	1.16	1.18	1.33	1.33	5.00	1.33	1.30	1.33	1.33	5.29	1.33	5.29
Price												
Natural Gas (HH lagged three months)												
Henry Hub (\$/mmbtu)	6.52	6.31	4.36	2.75	4.98	2.41	2.36	2.42	2.58	2.44	2.92	2.57
Differential (\$/mmbtu)	0.41	(0.48)	(0.41)	-	(0.03)	-	-	-	-	(0.00)	-	(0.00)
CRT (\$/mcf)	6.11	6.79	4.77	2.75	5.01	2.41	2.36	2.42	2.58	2.44	2.92	2.57
Oil (\$/bbl) (WTI lagged two months)												
WTI Cushing	30.84	28.09	27.56	25.28	27.94	19.56	21.84	22.66	22.49	21.64	22.30	22.32
CRT	28.73	24.92	24.07	23.28	25.19	17.56	19.84	20.66	20.49	19.64	20.30	20.33
Total (\$/mcf)	5.54	5.73	4.46	3.20	4.68	2.62	2.74	2.83	2.92	2.78	3.11	2.90
Revenue (\$mm)												
Natural Gas	4.05	4.79	3.75	2.19	14.78	1.92	1.84	1.90	2.05	7.71	2.33	8.12
Oil	2.38	1.98	2.16	2.09	8.61	1.58	1.72	1.86	1.84	7.00	1.82	7.24
Total	6.43	6.77	5.91	4.28	23.39	3.49	3.56	3.76	3.89	14.70	4.15	15.36
Cost (\$mm)												
Tax, transport & other												
Production	0.71	0.74	0.73	0.76	2.94	0.76	0.74	0.76	0.76	3.03	0.76	3.03
Total	1.55	1.63	1.60	1.40	6.19	1.29	1.27	1.33	1.35	5.23	1.39	5.33
Cash flow (\$mm)												
Development	0.16	0.41	0.40	0.40	1.37	0.20	0.20	0.20	0.20	0.80	0.20	0.80
Net proceeds (\$mm)	4.72	4.73	3.91	2.47	15.83	2.01	2.09	2.23	2.34	8.67	2.56	9.23
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	(0.41)	(0.26)	0.04	0.04	0.04	0.04	0.16	0.04	0.16
Distributable income (\$mm)	4.05	4.18	3.40	2.58	14.21	1.73	1.80	1.93	2.03	7.48	2.22	7.97
Modeling ratios												
Tax and other/revenue	0.13	0.13	0.15	0.15	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Production exp (\$/bbl)	8.58	9.29	8.12	8.50	8.60	8.50	8.50	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):	2.5
Volume Enhancement (%/yr):	10	Discount rate (%/yr):	6.4
Capex/Cash Flow (%):	30	U.S. TIPS Inflation (%/yr):	1.7
Variable Cost (%):	17	U.S. 10 Year Yield (%/yr):	5.0

PV/Volume (\$/mcf):	1.04	PV/EBITDA 2002:	13.1
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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	3.90	2210	517	376	215	1103	27.57	0.01	0.53	14.70
2002	31.6	0.0	31.6	2.36	74.7	17.2	12.7	18.2	26.5	0.66	0.01	0.97	0.66
2003	28.5	3.2	31.6	2.44	77.3	17.2	13.1	14.1	32.8	0.82		0.91	0.75
2004	25.6	6.0	31.6	3.06	96.9	17.2	16.5	19.0	44.2	1.11		0.86	0.95
2005	23.1	8.6	31.6	3.50	110.7	17.2	18.8	22.4	52.3	1.31		0.81	1.05
2006	20.8	10.9	31.6	3.57	113.1	17.2	19.2	23.0	53.6	1.34		0.76	1.02
2007	18.7	13.0	31.6	3.48	110.0	17.2	18.7	22.2	51.8	1.30		0.71	0.92
2008	16.8	14.8	31.6	3.56	112.7	17.2	19.2	22.9	53.4	1.34		0.67	0.89
2009	15.1	16.5	31.6	3.65	115.6	17.2	19.6	23.6	55.1	1.38		0.63	0.87
2010	13.6	18.0	31.6	3.74	118.5	17.2	20.1	24.3	56.8	1.42		0.59	0.84
2011	12.3	19.4	31.6	3.84	121.5	17.2	20.6	25.1	58.5	1.46		0.56	0.81
2012	11.0	17.4	28.5	3.94	112.1	17.2	19.1		75.8	1.89		0.52	0.99
2013	9.9	15.7	25.6	4.03	103.4	17.2	17.6		68.6	1.71		0.49	0.84
2014	8.9	14.1	23.1	4.14	95.4	17.2	16.2		62.0	1.55		0.46	0.72
2015	8.0	12.7	20.8	4.24	88.0	17.2	15.0		55.8	1.40		0.43	0.61
2016	7.2	11.4	18.7	4.35	81.2	17.2	13.8		50.2	1.25		0.41	0.51
2017	6.5	10.3	16.8	4.46	74.9	17.2	12.7		45.0	1.12		0.38	0.43
2018	5.9	9.3	15.1	4.57	69.2	17.2	11.8		40.2	1.00		0.36	0.36
2019	5.3	8.3	13.6	4.68	63.8	17.2	10.8		35.7	0.89		0.34	0.30
2020	4.7	7.5	12.3	4.80	58.9	17.2	10.0		31.6	0.79		0.32	0.25
2021	4.3	6.8	11.0	4.92	54.3	17.2	9.2		27.8	0.70		0.30	0.21
2022	3.8	6.1	9.9	5.05	50.1	17.2	8.5		24.4	0.61		0.28	0.17
2023	3.5	5.5	8.9	5.17	46.2	17.2	7.9		21.1	0.53		0.27	0.14
2024	3.1	4.9	8.0	5.31	42.7	17.2	7.3		18.2	0.45		0.25	0.11
2025	2.8	4.4	7.2	5.44	39.4	17.2	6.7		15.4	0.39		0.23	0.09
2026	2.5	4.0	6.5	5.58	36.3	17.2	6.2		12.9	0.32		0.22	0.07
2027	2.3	3.6	5.9	5.72	33.5	17.2	5.7		10.6	0.26		0.21	0.05
2028	2.0	3.2	5.3	5.86	30.9	17.2	5.3		8.4	0.21		0.19	0.04
2029	1.8	2.9	4.7	6.01	28.5	17.2	4.9		6.4	0.16		0.18	0.03
2030	1.7	2.6	4.3	6.16	26.3	17.2	4.5		4.6	0.12		0.17	0.02
2031	1.5	2.4	3.8	6.32	24.3	17.2	4.1		2.9	0.07		0.16	0.01

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Table HGT-2
Hugoton Royalty Trust
Distributable Income

	Q1	Q2	Q3	Q4E	Year	Q1E	Q2E	Q3E	Q4E	Year	Q1E	Next Twelve Months
	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	2002E	3/31/03	3/31/03
Highlights												
Revenue (\$mm) (80%)	48.8	39.5	27.9	18.6	134.8	17.9	17.8	19.0	20.0	74.7	23.6	80.4
Cash flow (\$mm) (80%)	39.4	30.5	20.4	12.8	103.1	10.5	10.6	11.5	12.4	45.0	15.7	50.2
Per unit	0.98	0.76	0.51	0.32	2.58	0.26	0.27	0.29	0.31	1.13	0.39	1.26
Tax credit (\$mm)	0.1	0.1	0.1	0.1	0.6	0.1	0.1	0.1	0.1	0.6		0.4
Per unit	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01		0.01
Distributable Income (\$mm)	33.7	21.7	15.3	8.5	79.1	5.9	6.0	6.9	7.7	26.5	11.0	31.7
Per unit	0.84	0.54	0.38	0.21	1.98	0.15	0.15	0.17	0.19	0.66	0.28	0.79
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	9.4	9.1	9.4	9.4	37.2	9.4	37.2
Natural Gas (mmcf)	99.9	97.8	99.8	103.5	100.3	102.0	102.0	102.0	102.0	102.0	102.0	102.0
Days	92	89	92	92	365	92	89	92	92	365	92	365
Oil (mb)	96	102	101	100	399	99	95	97	96	387	95	383
Oil (mbd)	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	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	10.0	9.6	10.0	10.0	39.6	10.0	39.5
Price												
Natural Gas (HH lagged two months)												
Henry Hub (\$/mmbtu)	7.57	5.30	3.67	2.53	4.77	2.34	2.40	2.48	2.62	2.46	3.14	2.66
Differential (\$/mmbtu)	1.25	(0.03)	0.16	0.35	0.46	0.16	0.17	0.17	0.18	0.17	0.22	0.18
HGT (\$/mcf)	6.31	5.34	3.51	2.18	4.30	2.18	2.23	2.30	2.43	2.29	2.92	2.48
Oil (\$/bbl) (WTI Cushing lagged two months)												
WTI Cushing	30.84	28.09	27.56	25.28	27.94	19.56	21.84	22.66	22.49	21.64	22.30	22.32
HGT	30.43	28.37	26.56	24.78	27.51	19.06	21.34	22.16	21.99	21.12	21.80	21.83
Total (\$/mcf)	6.24	5.30	3.57	2.30	4.32	2.24	2.31	2.39	2.51	2.36	2.96	2.54
Revenue (\$mm)												
Natural Gas	58.0	46.4	32.3	20.8	157.5	20.5	20.2	21.6	22.8	85.2	27.4	92.1
Oil	2.9	2.9	2.7	2.5	11.0	1.9	2.0	2.2	2.1	8.2	2.1	8.4
Total	61.0	49.3	34.9	23.3	168.5	22.3	22.3	23.8	25.0	93.3	29.5	100.5
Cost (\$mm)												
Tax, transport & other												
Production	4.9	4.3	4.2	2.8	16.1	5.0	4.8	5.0	5.0	19.8	5.0	19.8
Overhead	1.8	1.9	2.0	2.2	7.9	2.0	1.9	2.0	2.0	7.9	2.0	7.9
Total	11.7	11.2	9.4	7.3	39.7	9.2	9.0	9.4	9.5	37.0	9.9	37.7
Cash flow (\$mm)	49.2	38.1	25.5	15.9	128.8	13.1	13.3	14.4	15.5	56.3	19.6	62.8
Development	7.1	11.0	6.3	5.5	29.9	5.7	5.7	5.7	5.7	22.8	5.7	22.8
Net proceeds (\$mm)	42.1	27.2	19.2	10.5	99.0	7.4	7.6	8.7	9.8	33.5	13.9	40.0
Royalty income (\$mm)												
Royalty/Net proceeds	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%	80%
Administration	0.0	0.0	0.1	(0.1)	0.0	0.1	0.1	0.1	0.1	0.3	0.1	0.3
Distributable income (\$mm)	33.7	21.7	15.3	8.5	79.1	5.9	6.0	6.9	7.7	26.5	11.0	31.7
Cost ratios												
Tax and other/revenue	8%	10%	9%	10%	9%	10%	10%	10%	10%	10%	10%	10%
Production cost (\$/mcf)	0.50	0.46	0.42	0.27	0.41	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Overhead cost (\$/mcf)	0.19	0.21	0.20	0.22	0.20	0.20	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	0.43	0.43	0.40	0.37	0.40	0.29	0.36

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Natural Gas Royalty Trusts

A Weekly Analysis

March 4, 2002

Table SJT-1
San Juan Basin Royalty Trust
Present Value

Volume Decline (%/yr):	10	Price Escalation Post 2006 (%/yr):	2.5
Volume Enhancement (%/yr):	10	Discount rate (%/yr):	6.4
Capex/Cash Flow (%):	25	U.S. TIPS Inflation (%/yr):	1.7
Variable Cost (%):	11	U.S. 10 Year Yield (%/yr):	5.0
PV/Volume (\$/mcf):	1.16	PV/EBITDA 2002:	13.7

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 2002 through 2031													
	317	276	593	3.53	2090	382	230	197	1281	27.50	0.12	0.53	14.70
2002	33.1	0.0	33.1	2.13	70.6	12.7	7.8	19.4	30.8	0.66	0.12	0.97	0.76
2003	29.8	3.3	33.1	2.68	88.8	12.7	9.8	16.6	49.7	1.07		0.91	0.97
2004	26.8	6.3	33.1	2.88	95.5	12.7	10.5	18.1	54.2	1.16		0.86	1.00
2005	24.1	9.0	33.1	2.98	98.7	12.7	10.9	18.8	56.3	1.21		0.81	0.97
2006	21.7	11.4	33.1	3.05	101.0	12.7	11.1	19.3	57.9	1.24		0.76	0.94
2007	19.6	13.6	33.1	3.13	103.5	12.7	11.4	19.8	59.5	1.28		0.71	0.91
2008	17.6	15.5	33.1	3.20	106.1	12.7	11.7	20.4	61.3	1.32		0.67	0.88
2009	15.8	17.3	33.1	3.28	108.8	12.7	12.0	21.0	63.1	1.35		0.63	0.85
2010	14.3	18.9	33.1	3.37	111.5	12.7	12.3	21.6	64.9	1.39		0.59	0.82
2011	12.8	20.3	33.1	3.45	114.3	12.7	12.6	22.3	66.8	1.43		0.56	0.80
2012	11.5	18.3	29.8	3.54	105.5	12.7	11.6		81.2	1.74		0.52	0.91
2013	10.4	16.4	26.8	3.63	97.3	12.7	10.7		73.9	1.59		0.49	0.78
2014	9.4	14.8	24.1	3.72	89.8	12.7	9.9		67.2	1.44		0.46	0.67
2015	8.4	13.3	21.7	3.81	82.9	12.7	9.1		61.0	1.31		0.43	0.57
2016	7.6	12.0	19.6	3.91	76.5	12.7	8.4		55.3	1.19		0.41	0.48
2017	6.8	10.8	17.6	4.01	70.6	12.7	7.8		50.1	1.07		0.38	0.41
2018	6.1	9.7	15.8	4.11	65.1	12.7	7.2		45.2	0.97		0.36	0.35
2019	5.5	8.7	14.3	4.21	60.1	12.7	6.6		40.7	0.87		0.34	0.30
2020	5.0	7.9	12.8	4.32	55.4	12.7	6.1		36.6	0.79		0.32	0.25
2021	4.5	7.1	11.5	4.43	51.1	12.7	5.6		32.8	0.70		0.30	0.21
2022	4.0	6.4	10.4	4.54	47.2	12.7	5.2		29.3	0.63		0.28	0.18
2023	3.6	5.7	9.4	4.65	43.5	12.7	4.8		26.0	0.56		0.27	0.15
2024	3.3	5.2	8.4	4.77	40.2	12.7	4.4		23.0	0.49		0.25	0.12
2025	2.9	4.6	7.6	4.89	37.1	12.7	4.1		20.3	0.43		0.23	0.10
2026	2.6	4.2	6.8	5.02	34.2	12.7	3.8		17.7	0.38		0.22	0.08
2027	2.4	3.8	6.1	5.14	31.6	12.7	3.5		15.3	0.33		0.21	0.07
2028	2.1	3.4	5.5	5.27	29.1	12.7	3.2		13.2	0.28		0.19	0.06
2029	1.9	3.0	5.0	5.40	26.9	12.7	3.0		11.2	0.24		0.18	0.04
2030	1.7	2.7	4.5	5.54	24.8	12.7	2.7		9.3	0.20		0.17	0.03
2031	1.6	2.5	4.0	5.68	22.9	12.7	2.5		7.6	0.16		0.16	0.03

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Natural Gas Royalty Trusts

A Weekly Analysis

March 4, 2002

Table SJT-2
San Juan Basin Royalty Trust
Distributable Income

	Q1	Q3	Q4E		Q1E	Q2E	Q4E	Year		Next		
	3/31/01	9/30/01	12/31/01		3/31/02	6/30/02	12/31/02	2002E		Twelve		
										Months		
										3/31/03		
Highlights												
Revenue (\$mm) (75%)	49.6	38.7	25.5	14.7	128.5	18.3	16.4	17.5	18.5	70.6	22.1	74.5
Cash flow (\$mm) (75%)	0.91	0.69	0.43	0.22	2.24	0.28	0.26	0.28	0.30	1.12	0.37	1.20
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												
Per unit	37.3	26.3	13.7	2.9	80.1	2.2	8.8	9.5	10.2	30.8	12.6	41.2
Per unit	0.80	0.56	0.29	0.06	1.72	0.05	0.19	0.20	0.22	0.66	0.27	0.88
Units	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)												
	1,052	1,095	1,070	1,106	1,080	1,092	1,088	1,088	1,088	1,089	1,088	1,088
Natural gas (bcf)	11.3	10.4	11.1	10.2	43.0	11.3	10.5	10.9	10.9	43.6	10.9	43.3
Natural Gas (mmcf)												
	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)												
	11.4	10.5	11.2	10.4	43.5	11.4	10.7	11.0	11.0	44.2	11.0	43.8
Price												
Natural gas (\$/mmbtu) (Henry Hub lagged two months)												
	7.57	5.30	3.67	2.53	4.77	2.34	2.40	2.48	2.62	2.46	3.14	2.66
Differential (%)	27	15	23	33	24	17	22	22	22	21	22	22
Total												
	5.81	4.92	3.02	1.87	3.94	2.13	2.04	2.10	2.22	2.12	2.67	2.26
Oil (\$/bbl) (WTI Cushing lagged two months)												
WTI Cushing	26.90	24.60	23.72	21.28	24.23	15.56	17.84	18.66	18.49	17.64	18.30	18.33
Total gas & oil (\$/mcf)	5.79	4.91	3.03	1.89	3.94	2.13	2.05	2.12	2.23	2.13	2.67	2.27
Revenue												
Natural Gas	65.5	50.9	33.5	19.2	169.1	24.0	21.5	22.9	24.2	92.7	29.1	97.7
Oil	66.1	51.6	34.0	19.6	171.4	24.4	21.8	23.3	24.6	94.2	29.5	99.3
Cost (\$mm)												
Operating	6.5	5.2	3.7	2.1	17.4	2.5	2.2	2.3	2.5	9.5	2.9	9.9
Total	3.3	3.8	3.7	4.2	14.9	4.4	3.6	3.7	3.7	15.4	3.7	14.7
(\$mm)												
	56.3	42.6	26.7	13.4	139.0	17.5	16.1	17.3	18.5	69.3	22.8	74.7
Development												
(\$mm)	50.0	35.5	18.6	1.9	106.0	4.6	12.1	13.0	13.8	43.5	17.1	56.0
Royalty income	37.5	26.6	14.0	1.4	79.5	3.5	9.0	9.7	10.4	32.6	12.8	42.0
Royalty/Net proceeds	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%	75%
Administration	0.2	0.4	0.3	(1.5)	(0.6)	1.3	0.2	0.2	0.2	1.9	0.2	0.8
One-time												
(\$mm)	37.3	26.3	13.7	2.9	80.1	2.2	8.8	9.5	10.2	30.8	12.6	41.2
Modeling ratios												
Severance tax/revenue	9.9%	10.0%	10.7%	10.5%	10.2%	10.3%	10.0%	10.0%	10.0%	10.1%	10.0%	10.0%
Operating cost (\$/mcf)	0.29	0.36	0.33	0.40	0.34	0.38	0.34	0.34	0.34	0.35	0.34	0.34

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Natural Gas Royalty Trusts

A Weekly Analysis

March 4, 2002

Table SJT-3
San Juan Basin Royalty Trust
Monthly Declarations

	<i>Feb-01</i>	<i>Apr-01</i>	<i>Dec-01</i>	<i>Feb-02</i>	<i>Apr-02</i>
Distribution (\$/unit)					
Declared	0.26	0.40	0.22	0.02	-
Projected					0.01
					0.04
					0.01
Volume					
Natural gas (mmbtu)	4.04	4.22	3.31	3.99	3.53
Heat Content(btu/cf)	1,023	1,069	1,076	1,096	1,109
Natural gas (bcf)	3.95	3.94	3.08	3.64	3.18
Natural Gas (mmcf/d)	128	127	110	121	103
Days	31	31	28	30	31
Price					
Natural gas industry quotes lagged two months (\$/mmbtu)					
Henry Hub Daily	8.95	8.17	5.59	2.18	2.45
San Juan Monthly Index	6.18	9.14	6.55	2.16	1.41
SJT/Henry Hub	0.57	0.89	1.02	0.88	0.39
SJT/San Juan Index	0.82	0.80	0.87	0.89	0.68
SJT (\$/mmbtu)	5.09	7.31	5.69	1.92	0.96
SJT (\$/mcf)	5.20	7.82	6.13	2.11	1.06
Revenue (\$mm)					
Natural Gas	20.6	30.8	18.9	7.7	3.4
Other	0.1	0.0	0.0	0.0	2.4
Cost (\$mm)					
Severance tax	2.1	3.0	1.9	0.8	0.4
Operating	1.0	1.2	1.2	1.2	1.4
Total	3.1	4.2	3.1	2.1	1.8
Cash flow (\$mm)	17.6	26.7	15.8	5.6	4.0
Development	1.2	1.9	1.9	4.1	4.0
Net proceeds (\$mm)	16.3	24.8	13.9	1.5	-
Royalty income (\$mm)	12.3	18.6	10.4	1.1	-
Royalty/Net proceeds	75%	75%	75%	75%	75%
Distributable income (\$mm)	12.3	18.6	10.4	1.1	-
Units (millions)	46.6	46.6	46.6	46.6	46.6
Distribution (\$/unit)	0.26	0.40	0.22	0.02	-
Ratios					
Severance tax/revenue	10.3%	9.7%	10.1%	10.7%	11.9%
Operating cost (\$/mcf)	0.26	0.30	0.38	0.34	0.44
Latest Twelve Month Average					
Heat Content(btu/cf)	1,061	1,062	1,064	1,077	1,080
Natural Gas (mmcf/d)	118	119	118	119	118
SJT/Henry Hub	0.76	0.76	0.78	0.79	0.75
SJT/San Juan Index	0.90	0.89	0.88	0.87	0.85
Other revenue				0.1	0.3
Operating	1.2	1.2	1.2	1.2	1.2
Development	2.3	2.3	2.3	2.8	2.7
Severance tax/revenue				10.1%	10.3%

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