

Natural Gas Royalty Trusts

A Weekly Analysis

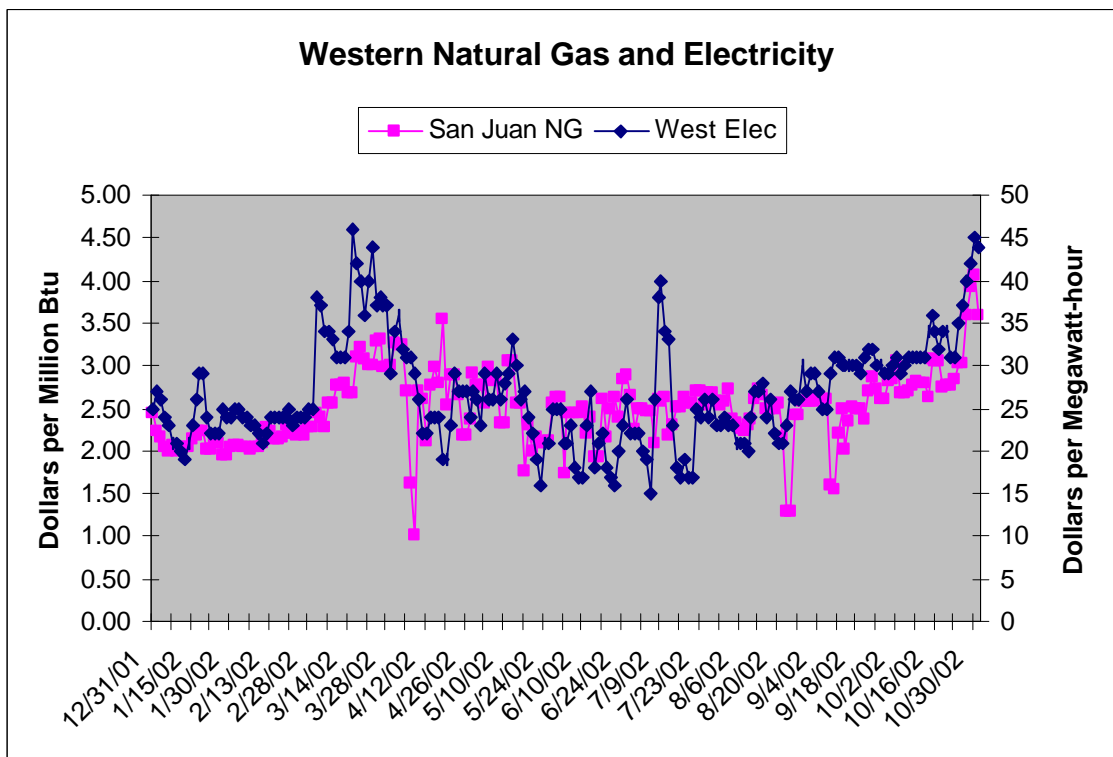
November 4, 2002

Early Cold

Recommendation

January weather in October/November has tightened the western natural gas market even more than the national market. CRT and SJT depend on San Juan Basin pricing and HGT depends in part on Rocky Mountain pricing. San Juan Basin natural gas daily price reached a yearly high over \$4.00 a million btu in the past week. Western electricity generated in part from natural gas has advanced simultaneously (see Chart). Record daily price has been only partly reflected in futures and in our estimates. Estimated present value remains little changed. Estimated Next Twelve Months Distribution also changes little in the past week. We recommend SJT and also believe CRT and HGT are valid supplements or alternatives for portfolio representation in natural gas.

Kurt H. Wulff, CFA



Source: enerfax.com, Mirant in wsj.com, Natural Gas Week

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

	<i>Symbol/ Rating</i>	<i>Price (\$/sh) 31-Oct 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	17.60	6.0	106	19.70	-	0.90
San Juan Basin Royalty Trust	SJT	12.66	46.6	590	16.10	-	0.79
Hugoton RoyaltyTrust (46%)	HGT	11.22	18.4	210	15.60	-	0.72

Buy/Sell rating after symbol: B - Buy, N - Neutral, S - 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) 31-Oct 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	17.60	6.2	8.7	9	10.7	9.7
San Juan Basin Royalty Trust	SJT	12.66	5.3	6.7	9	11.3	8.5
Hugoton RoyaltyTrust (46%)	HGT	11.22	4.5	6.5	9	11.2	9.0

EV = Enterprise Value = Market Cap and Debt; Ebitda = Earnings before interest, tax, depreciation and amortization; NTM = Next Twelve Months Ended September 30, 2003; P/E = Stock Price to Earnings; PV = Present Value of oil and gas and other businesses

Natural Gas and Oil Futures

October 31, 2002

	2003	2004	2005	2006	2007	2008	Six Year
Natural Gas (\$/mmbtu)							
Year ending November	4.00	3.90	3.81	3.78	3.78	3.82	3.85
Year ending December	4.00	3.89	3.80	3.78	3.78		
Light Sweet Crude Oil (\$/bbl)							
Year ending November	25.50	23.24	22.92	22.83	22.67	22.50	23.28
Year ending December	25.22	23.17	22.92	22.82	22.66		

Source: Nymex, FutureSource, wsj.com

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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):	5.4
		U.S. TIPS Inflation (%/yr):	1.6
		U.S. 10 Year Yield (%/yr):	4.0
PV/Volume (\$/mcf):	2.69	PV/EBITDA 2002:	10.0

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 2003 through 2032; years ending on 9/30											
	25	19	44	4.19	184	8	192	31.94	0.02	0.62	19.70
2003	2.6	0.0	2.6	3.79	9.8	1.5	11.3	1.88	0.02	0.97	1.85
2004	2.3	0.3	2.6	3.80	9.8	1.4	11.2	1.86		0.92	1.72
2005	2.1	0.5	2.6	3.67	9.5	1.0	10.5	1.75		0.88	1.53
2006	1.9	0.7	2.6	3.59	9.3	0.9	10.2	1.69		0.83	1.41
2007	1.7	0.9	2.6	3.58	9.2	0.8	10.1	1.68		0.79	1.32
2008	1.5	1.1	2.6	3.67	9.5	0.7	10.2	1.70		0.75	1.27
2009	1.4	1.2	2.6	3.75	9.7	0.7	10.4	1.73		0.71	1.23
2010	1.2	1.3	2.6	3.84	9.9	0.7	10.6	1.76		0.68	1.19
2011	1.1	1.5	2.6	3.93	10.1		10.1	1.69		0.64	1.08
2012	1.0	1.3	2.3	4.02	9.3		9.3	1.56		0.61	0.95
2013	0.9	1.2	2.1	4.12	8.6		8.6	1.43		0.58	0.83
2014	0.8	1.1	1.9	4.21	7.9		7.9	1.32		0.55	0.72
2015	0.7	1.0	1.7	4.31	7.3		7.3	1.22		0.52	0.63
2016	0.7	0.9	1.5	4.41	6.7		6.7	1.12		0.49	0.55
2017	0.6	0.8	1.4	4.52	6.2		6.2	1.03		0.47	0.48
2018	0.5	0.7	1.2	4.62	5.7		5.7	0.95		0.45	0.42
2019	0.5	0.6	1.1	4.73	5.3		5.3	0.88		0.42	0.37
2020	0.4	0.6	1.0	4.84	4.8		4.8	0.81		0.40	0.32
2021	0.4	0.5	0.9	4.96	4.5		4.5	0.74		0.38	0.28
2022	0.3	0.5	0.8	5.07	4.1		4.1	0.68		0.36	0.25
2023	0.3	0.4	0.7	5.19	3.8		3.8	0.63		0.34	0.22
2024	0.3	0.4	0.7	5.32	3.5		3.5	0.58		0.33	0.19
2025	0.3	0.3	0.6	5.44	3.2		3.2	0.53		0.31	0.17
2026	0.2	0.3	0.5	5.57	3.0		3.0	0.49		0.29	0.14
2027	0.2	0.3	0.5	5.70	2.7		2.7	0.45		0.28	0.13
2028	0.2	0.2	0.4	5.83	2.5		2.5	0.42		0.26	0.11
2029	0.2	0.2	0.4	5.97	2.3		2.3	0.39		0.25	0.10
2030	0.1	0.2	0.3	6.11	2.1		2.1	0.35		0.24	0.08
2031	0.1	0.2	0.3	6.25	2.0		2.0	0.33		0.23	0.07
2032	0.1	0.2	0.3	6.40	1.8		1.8	0.30		0.21	0.06

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Natural Gas Royalty Trusts

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November 4, 2002

Table CRT-2
Cross Timbers Royalty Trust
Distributable Income

	<i>Q1</i>	<i>Q2</i>	<i>Q3E</i>	<i>Q4E</i>	<i>Year</i>	<i>Q1E</i>	<i>Q2E</i>	<i>Q3E</i>	<i>Next</i>	
	<i>3/31/02</i>	<i>6/30/02</i>	<i>9/30/02</i>	<i>12/31/02</i>	<i>2002E</i>	<i>3/31/03</i>	<i>6/30/03</i>	<i>9/30/03</i>	<i>Twelve</i>	
									<i>Months</i>	
									<i>9/30/03</i>	
Highlights										
Tax credit (\$mm)										
Per unit	0.03	0.02	0.02	0.02	0.09					0.02
Distributable Income (\$mm)	1.80	1.72	2.49	2.64	8.66	3.04	2.87	2.72		11.27
Per unit	0.30	0.29	0.42	0.44	1.44	0.51	0.48	0.45		1.88
Units (millions)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0		6.0
Volume										
Natural Gas (bcf)	0.78	0.71	0.71	0.72	2.92	0.72	0.71	0.71		2.86
Natural Gas (mmcf)	8.5	7.8	7.8	7.8	8.0	7.8	7.8	7.8		7.8
Days	92	90	91	92	365	92	90	91		365
Oil (mb)	83	82	85	85	336	85	82	85		338
Oil (mbd)	0.90	0.93	0.93	0.93	0.92	0.93	0.93	0.93		3.70
Days	92	89	92	92	365	92	89	92		365
Total (bcf)	1.28	1.20	1.23	1.23	4.94	1.23	1.20	1.23		4.89
Price										
Natural Gas (HH lagged three months)										
Henry Hub (\$/mmbtu)	2.41	2.53	3.38	3.21	2.88	4.21	4.16	3.87		3.86
Differential (\$/mmbtu)	(0.13)	(0.04)	0.07	0.06	(0.00)	0.08	0.08	0.08		0.08
CRT (\$/mcf)	2.54	2.57	3.31	3.15	2.89	4.13	4.08	3.80		3.79
Oil (\$/bbl) (WTI lagged two months)										
WTI Cushing	19.56	23.80	26.49	28.96	24.70	26.95	26.26	25.23		26.85
CRT	17.28	20.50	24.49	26.96	22.35	24.95	24.26	23.23		24.85
Total (\$/mcf)	2.67	2.92	3.63	3.70	3.23	4.14	4.06	3.83		3.93
Revenue (\$mm)										
Natural Gas	1.98	1.82	2.37	2.27	8.43	2.98	2.88	2.71		10.85
Oil	1.44	1.69	2.09	2.30	7.51	2.13	2.00	1.98		8.40
Total	3.42	3.50	4.45	4.57	15.94	5.11	4.88	4.69		19.25
Cost (\$mm)										
Tax, transport & other	0.34	0.51	0.62	0.64	2.11	0.71	0.68	0.66		2.69
Production	0.75	0.72	0.72	0.72	2.91	0.72	0.72	0.72		2.88
Total	1.09	1.23	1.34	1.36	5.03	1.44	1.40	1.38		5.58
Cash flow (\$mm)										
Development	0.28	0.14	0.14	0.20	0.77	0.20	0.20	0.20		0.80
Excess	(0.07)	0.07								
Net proceeds (\$mm)	2.11	2.06	2.96	3.01	10.15	3.47	3.28	3.11		12.87
Royalty income (\$mm)										
Royalty/Net proceeds	89%	89%	89%	89%	89%	89%	89%	89%		89%
Administration	0.08	0.09	0.14	0.04	0.35	0.04	0.04	0.04		0.16
Distributable income (\$mm)	1.80	1.72	2.49	2.64	8.66	3.04	2.87	2.72		11.27
<i>Modeling ratios</i>										
Tax and other/revenue	0.10	0.15	0.14	0.14	0.13	0.14	0.14	0.14		0.14

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Table HGT-1
Hugoton Royalty Trust
Present Value

Volume Decline (%/yr):	10	Price Escalation Post 2007 (%/yr):	2.4
Volume Enhancement (%/yr):	10	Discount rate (%/yr):	6.0
Capex/Cash Flow (%):	30	U.S. TIPS Inflation (%/yr):	1.6
Variable Cost (%):	17	U.S. 10 Year Yield (%/yr):	4.0
PV/Volume (\$/mcf):	1.26	PV/EBITDA 2002:	9.1

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 2003 through 2032; years ending on 9/30													
	279	217	496	4.09	2025	413	344	197	1071	26.78	0.00	0.58	15.60
2003	29.1	0.0	29.1	3.41	99.3	13.8	16.9	18.2	50.4	1.26	0.00	0.97	1.23
2004	26.2	2.9	29.1	3.71	108.2	13.8	18.4	22.8	53.2	1.33		0.92	1.22
2005	23.6	5.5	29.1	3.58	104.4	13.8	17.7	21.9	51.0	1.28		0.87	1.10
2006	21.2	7.9	29.1	3.51	102.4	13.8	17.4	21.4	49.9	1.25		0.82	1.02
2007	19.1	10.0	29.1	3.51	102.1	13.8	17.4	21.3	49.7	1.24		0.77	0.96
2008	17.2	11.9	29.1	3.59	104.5	13.8	17.8	21.9	51.1	1.28		0.73	0.93
2009	15.5	13.6	29.1	3.67	107.0	13.8	18.2	22.5	52.5	1.31		0.69	0.90
2010	13.9	15.2	29.1	3.76	109.5	13.8	18.6	23.1	54.0	1.35		0.65	0.87
2011	12.5	16.6	29.1	3.85	112.1	13.8	19.1	23.8	55.5	1.39		0.61	0.85
2012	11.3	14.9	26.2	3.94	103.2	13.8	17.5		71.9	1.80		0.58	1.04
2013	10.2	13.4	23.6	4.03	95.1	13.8	16.2		65.2	1.63		0.54	0.89
2014	9.1	12.1	21.2	4.13	87.6	13.8	14.9		58.9	1.47		0.51	0.76
2015	8.2	10.9	19.1	4.22	80.7	13.8	13.7		53.2	1.33		0.48	0.65
2016	7.4	9.8	17.2	4.32	74.3	13.8	12.6		47.9	1.20		0.46	0.55
2017	6.7	8.8	15.5	4.42	68.5	13.8	11.6		43.1	1.08		0.43	0.47
2018	6.0	7.9	13.9	4.53	63.1	13.8	10.7		38.6	0.96		0.41	0.39
2019	5.4	7.1	12.5	4.63	58.1	13.8	9.9		34.5	0.86		0.38	0.33
2020	4.9	6.4	11.3	4.74	53.5	13.8	9.1		30.7	0.77		0.36	0.28
2021	4.4	5.8	10.2	4.85	49.3	13.8	8.4		27.2	0.68		0.34	0.23
2022	3.9	5.2	9.1	4.97	45.4	13.8	7.7		23.9	0.60		0.32	0.19
2023	3.5	4.7	8.2	5.08	41.8	13.8	7.1		21.0	0.52		0.31	0.16
2024	3.2	4.2	7.4	5.20	38.5	13.8	6.5		18.2	0.46		0.29	0.13
2025	2.9	3.8	6.7	5.33	35.5	13.8	6.0		15.7	0.39		0.27	0.11
2026	2.6	3.4	6.0	5.45	32.7	13.8	5.6		13.4	0.33		0.26	0.09
2027	2.3	3.1	5.4	5.58	30.1	13.8	5.1		11.2	0.28		0.24	0.07
2028	2.1	2.8	4.9	5.71	27.7	13.8	4.7		9.3	0.23		0.23	0.05
2029	1.9	2.5	4.4	5.84	25.6	13.8	4.3		7.4	0.19		0.22	0.04
2030	1.7	2.2	3.9	5.98	23.5	13.8	4.0		5.8	0.14		0.20	0.03
2031	1.5	2.0	3.5	6.12	21.7	13.8	3.7		4.2	0.11		0.19	0.02
2032	1.4	1.8	3.2	6.27	20.0	13.8	3.4		2.8	0.07		0.18	0.01

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Table HGT-2
Hugoton Royalty Trust
Distributable Income

	<i>Q1</i>	<i>Q2</i>	<i>Q3E</i>	<i>Q4E</i>	<i>Year</i>	<i>Q1E</i>	<i>Q2E</i>	<i>Q3E</i>	<i>Next Twelve Months</i>
	<i>3/31/02</i>	<i>6/30/02</i>	<i>9/30/02</i>	<i>12/31/02</i>	<i>2002E</i>	<i>3/31/03</i>	<i>6/30/03</i>	<i>9/30/03</i>	<i>9/30/03</i>
Highlights									
Revenue (\$mm) (80%)	18.5	16.5	19.7	23.1	77.9	26.9	24.7	24.5	99.3
Cash flow (\$mm) (80%)	12.0	10.1	13.2	15.7	51.1	19.1	17.3	16.9	69.0
Per unit	0.30	0.25	0.33	0.39	1.28	0.48	0.43	0.42	1.72
Tax credit (\$mm)	0.2	0.2	0.2	0.2	0.7				0.2
Per unit	0.00	0.00	0.00	0.00	0.02				0.00
Distributable Income (\$mm)	7.4	5.3	8.6	11.0	32.3	14.4	12.7	12.3	50.4
Per unit	0.18	0.13	0.22	0.28	0.81	0.36	0.32	0.31	1.26
Units (millions)	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Volume									
Natural Gas (bcf)	9.0	8.3	8.6	8.6	34.6	8.6	8.4	8.6	34.3
Natural Gas (mmcf)	98.1	93.1	93.4	94.0	94.7	94.0	94.0	94.0	94.0
Days	92	89	92	92	365	92	89	92	365
Oil (mb)	90	88	90	90	358	89	85	87	350
Oil (mbd)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0
Days	92	89	92	92	365	92	89	92	365
Total (bcf)	9.6	8.8	9.1	9.2	36.7	9.2	8.9	9.2	36.4
Price									
Natural Gas (HH lagged two months)									
Henry Hub (\$/mmbtu)	2.34	2.92	3.23	3.59	3.02	4.26	4.04	3.88	3.94
Differential (\$/mmbtu)	(0.03)	0.67	0.49	0.54	0.45	0.64	0.61	0.58	0.59
HGT (\$/mcf)	2.38	2.25	2.60	3.05	2.57	3.62	3.44	3.29	3.35
Oil (\$/bbl) (WTI Cushing lagged two months)									
WTI Cushing	19.56	23.80	26.49	28.96	24.70	26.95	26.26	25.23	26.85
HGT	18.80	22.27	25.99	28.46	23.88	26.45	25.76	24.73	26.37
Total (\$/mcf)	2.42	2.33	2.70	3.15	2.65	3.67	3.48	3.34	3.41
Revenue (\$mm)									
Natural Gas	21.5	18.6	22.3	26.4	88.8	31.3	28.7	28.5	114.9
Oil	1.7	2.0	2.4	2.5	8.6	2.3	2.2	2.1	9.2
Total	23.2	20.6	24.7	28.9	97.3	33.6	30.9	30.6	124.1
Cost (\$mm)									
Tax, transport & other	1.7	1.9	2.2	2.9	8.7	3.4	3.1	3.1	12.4
Production	4.4	4.0	3.8	4.6	16.8	4.6	4.4	4.6	18.2
Overhead	2.0	2.0	2.1	1.8	7.9	1.8	1.8	1.8	7.3
Total	8.1	7.9	8.1	9.3	33.4	9.8	9.3	9.5	37.9
Cash flow (\$mm)									
Development	5.8	5.8	5.8	5.7	23.1	5.7	5.7	5.7	22.8
Net proceeds (\$mm)	9.3	6.9	10.8	13.9	40.8	18.2	15.9	15.5	63.4
Royalty income (\$mm)									
Royalty/Net proceeds	80%	80%	80%	80%	80%	80%	80%	80%	80%
Administration	0.1	0.2	(0.0)	0.1	0.3	0.1	0.1	0.1	0.3
Distributable income (\$mm)	7.4	5.3	8.6	11.0	32.3	14.4	12.7	12.3	50.4
<i>Cost ratios</i>									
Tax and other/revenue	7%	9%	9%	10%	9%	10%	10%	10%	10%
Production cost (\$/mcf)	0.46	0.46	0.42	0.50	0.46	0.50	0.50	0.50	0.50
Overhead cost (\$/mcf)	0.21	0.23	0.23	0.20	0.22	0.20	0.20	0.20	0.20
Development/Cash flow	0.38	0.46	0.35	0.29	0.36	0.24	0.26	0.27	0.26

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Natural Gas Royalty Trusts

A Weekly Analysis

November 4, 2002

Table SJT-1
San Juan Basin Royalty Trust
Present Value

Volume Decline (%/yr):	11	Price Escalation Post 2007 (%/yr):	2.4
Volume Enhancement (%/yr):	10	Discount rate (%/yr):	6.0
Capex/Cash Flow (%):	25	U.S. TIPS Inflation (%/yr):	1.6
Variable Cost (%):	12	U.S. 10 Year Yield (%/yr):	4.0
PV/Volume (\$/mcf):	1.33	PV/EBITDA 2002:	8.6

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 2003 through 2032; years ending on 9/30													
	321	244	565	3.71	2095	389	251	196	1258	27.00	0.03	0.60	16.10
2003	35.5	0.0	35.5	3.16	112.1	11.5	13.5	20.5	66.7	1.43	0.03	0.97	1.42
2004	31.7	3.6	35.3	3.39	119.7	13.0	14.4	23.1	69.2	1.49		0.92	1.36
2005	28.3	6.7	35.0	3.27	114.7	13.0	13.8	22.0	65.9	1.42		0.87	1.22
2006	25.3	9.5	34.8	3.21	111.7	13.0	13.4	21.3	64.0	1.37		0.82	1.12
2007	22.6	11.9	34.5	3.20	110.7	13.0	13.3	21.1	63.3	1.36		0.77	1.05
2008	20.2	14.1	34.3	3.28	112.5	13.0	13.5	21.5	64.5	1.38		0.73	1.01
2009	18.0	16.0	34.0	3.36	114.3	13.0	13.7	21.9	65.7	1.41		0.69	0.97
2010	16.1	17.7	33.8	3.44	116.2	13.0	13.9	22.3	66.9	1.44		0.65	0.93
2011	14.4	19.2	33.6	3.52	118.1	13.0	14.2	22.7	68.2	1.46		0.61	0.89
2012	12.8	17.2	30.0	3.60	107.9	13.0	12.9		82.0	1.76		0.58	1.01
2013	11.5	15.3	26.8	3.68	98.6	13.0	11.8		73.8	1.58		0.54	0.86
2014	10.2	13.7	23.9	3.77	90.1	13.0	10.8		66.3	1.42		0.51	0.73
2015	9.1	12.2	21.3	3.86	82.4	13.0	9.9		59.5	1.28		0.48	0.62
2016	8.2	10.9	19.1	3.95	75.3	13.0	9.0		53.3	1.14		0.46	0.52
2017	7.3	9.7	17.0	4.04	68.8	13.0	8.3		47.6	1.02		0.43	0.44
2018	6.5	8.7	15.2	4.14	62.9	13.0	7.5		42.4	0.91		0.41	0.37
2019	5.8	7.8	13.6	4.23	57.5	13.0	6.9		37.6	0.81		0.38	0.31
2020	5.2	6.9	12.1	4.33	52.5	13.0	6.3		33.2	0.71		0.36	0.26
2021	4.6	6.2	10.8	4.44	48.0	13.0	5.8		29.3	0.63		0.34	0.22
2022	4.1	5.5	9.7	4.54	43.9	13.0	5.3		25.6	0.55		0.32	0.18
2023	3.7	4.9	8.6	4.65	40.1	13.0	4.8		22.3	0.48		0.31	0.15
2024	3.3	4.4	7.7	4.76	36.7	13.0	4.4		19.3	0.41		0.29	0.12
2025	2.9	3.9	6.9	4.87	33.5	13.0	4.0		16.5	0.35		0.27	0.10
2026	2.6	3.5	6.1	4.98	30.6	13.0	3.7		14.0	0.30		0.26	0.08
2027	2.3	3.1	5.5	5.10	28.0	13.0	3.4		11.6	0.25		0.24	0.06
2028	2.1	2.8	4.9	5.22	25.6	13.0	3.1		9.5	0.20		0.23	0.05
2029	1.9	2.5	4.4	5.34	23.4	13.0	2.8		7.6	0.16		0.22	0.04
2030	1.7	2.2	3.9	5.47	21.4	13.0	2.6		5.8	0.12		0.20	0.03
2031	1.5	2.0	3.5	5.60	19.5	13.0	2.3		4.2	0.09		0.19	0.02
2032	1.3	1.8	3.1	5.73	17.9	13.0	2.1		2.7	0.06		0.18	0.01

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Natural Gas Royalty Trusts

A Weekly Analysis

November 4, 2002

Table SJT-2
San Juan Basin Royalty Trust
Distributable Income

	<i>Q1</i>	<i>Q2</i>	<i>Q3E</i>	<i>Q4E</i>	<i>Year</i>	<i>Q1E</i>	<i>Q2E</i>	<i>Q3E</i>	<i>Next</i>
	<i>3/31/02</i>	<i>6/30/02</i>	<i>9/30/02</i>	<i>12/31/02</i>	<i>2002E</i>	<i>3/31/03</i>	<i>6/30/03</i>	<i>9/30/03</i>	<i>Twelve</i>
									<i>Months</i>
Highlights									
Revenue (\$mm) (75%)	19.2	18.6	20.8	23.3	81.9	30.5	28.1	30.2	112.1
Cash flow (\$mm) (75%)	14.1	14.1	16.1	18.4	62.7	24.1	22.0	23.9	88.4
Per unit	0.30	0.30	0.35	0.39	1.34	0.52	0.47	0.51	1.90
Tax credit (\$mm)	0.5	1.4	1.4	1.4	4.7				1.4
Per unit	0.01	0.03	0.03	0.03	0.10				0.03
Distributable Income (\$mm)	3.5	9.0	12.2	14.8	39.5	17.9	16.3	17.7	66.7
Per unit	0.08	0.19	0.26	0.32	0.85	0.38	0.35	0.38	1.43
Units (millions)	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
Volume									
Natural gas (mmbtu)	12.5	12.0	11.6	12.5	48.7	12.5	12.1	12.5	49.8
Heat Content(btu/cf)	1,092	1,077	970	1,066	1,050	1,066	1,066	1,066	1,066
Natural gas (bcf)	11.5	11.1	12.0	11.8	46.4	11.8	11.4	11.8	46.7
Natural Gas (mmcf)	124.7	125.1	130.4	127.8	127.0	127.8	127.8	127.8	127.8
Days	92	89	92	92	365	92	89	92	365
Oil (mb)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Oil (mbd)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total gas & oil (bcf)	11.6	11.3	12.2	11.9	47.0	11.9	11.5	11.9	47.4
Price									
Natural gas (\$/mmbtu) (Henry Hub lagged two months)									
Henry Hub (\$/mmbtu)	2.34	2.92	3.23	3.59	3.02	4.26	4.04	4.21	4.02
Differential (%)	14	31	32	25	27	25	25	25	27
Total	2.01	2.02	2.33	2.69	2.20	3.19	3.03	3.16	2.95
Natural gas (\$/mcf)	2.20	2.18	2.26	2.87	2.31	3.41	3.23	3.37	3.15
Oil (\$/bbl) (WTI Cushing lagged two months)									
WTI Cushing	19.56	23.80	26.49	28.96	24.70	26.95	26.26	27.60	27.44
SJT	15.78	19.14	22.49	24.96	20.85	22.95	22.26	23.60	23.45
Total gas & oil (\$/mcf)	2.20	2.19	2.28	2.60	2.32	3.41	3.24	3.38	3.16
Revenue (\$mm)									
Natural Gas	25.2	24.2	27.1	30.3	106.9	40.1	36.8	39.6	146.8
Oil	0.4	0.5	0.7	0.7	2.3	0.7	0.6	0.7	2.7
Total	25.6	24.8	27.8	31.1	109.2	40.7	37.4	40.3	149.5
Cost (\$mm)									
Severance tax	2.6	2.4	2.3	2.9	10.2	4.1	3.7	4.0	14.7
Operating	4.1	3.7	4.0	3.7	15.5	4.5	4.3	4.5	16.9
Total	6.7	6.0	6.3	6.5	25.6	8.5	8.1	8.5	31.7
Cash flow (\$mm)	18.8	18.8	21.5	24.5	83.6	32.2	29.3	31.8	117.8
Development	11.3	3.4	2.1	4.0	20.8	8.0	7.3	8.0	27.3
Net proceeds (\$mm)	7.5	15.4	19.4	20.5	62.8	24.1	22.0	23.9	90.5
Royalty income (\$mm)	5.6	11.5	14.5	15.4	47.1	18.1	16.5	17.9	67.9
Royalty/Net proceeds	75%	75%	75%	75%	75%	75%	75%	75%	3.0
Administration	0.4	0.5	0.7	0.2	1.8	0.2	0.2	0.2	0.8
One-time	1.7	2.0	1.6		5.3				-
Distributable income (\$mm)	3.5	9.0	12.2	14.8	39.5	17.9	16.3	17.7	66.7
<i>Modeling ratios</i>									
Severance tax/revenue	10.2%	9.5%	8.4%	9.2%	9.3%	10.0%	10.0%	10.0%	9.8%
Operating cost (\$/mcf)	0.36	0.32	0.33	0.31	0.33	0.37	0.37	0.37	0.36

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Natural Gas Royalty Trusts

A Weekly Analysis

November 4, 2002

Table SJT-3
San Juan Basin Royalty Trust
Monthly Declarations

	<i>Aug-02</i>	<i>Sep-02</i>	<i>Oct-02</i>	<i>Nov-02</i>	<i>Dec-02</i>	<i>Jan-03</i>
Distribution (\$/unit)						
Declared	0.08	0.10	0.12			
Projected				0.09	0.11	0.13
Volume						
Natural gas (mmbtu)	3.77	3.95	4.49	3.96	4.09	3.96
Heat Content(btu/cf)	807	1,068	1,084	1,057	1,057	1,057
Natural gas (bcf)	4.67	3.70	4.15	3.74	3.87	3.74
Natural Gas (mmcf)	156	119	134	125	125	125
Days	30	31	31	30	31	30
Price						
Natural gas industry quotes lagged two months (\$/mmbtu)						
Henry Hub Daily/Futures	3.22	2.99	3.09	3.55	4.12	4.35
San Juan Monthly Index	2.24	2.62	2.50	2.42	2.52	3.24
SJT/Henry Hub	0.75	0.78	0.74	0.67	0.64	0.69
SJT/San Juan Index	1.08	0.89	0.91	0.98	1.04	0.93
SJT (\$/mmbtu)	2.41	2.32	2.28	2.37	2.62	3.02
SJT (\$/mcf)	1.95	2.47	2.47	2.50	2.77	3.19
Revenue (\$mm)						
Natural Gas	9.1	9.1	10.2	9.4	10.7	11.9
Other	(0.2)	0.0	(0.1)	(0.0)	(0.0)	(0.0)
Cost (\$mm)						
Severance tax	0.8	0.9	0.9	0.9	1.0	1.2
Operating	1.6	1.3	1.1	1.3	1.3	1.3
Total	2.4	2.2	2.0	2.2	2.3	2.5
Cash flow (\$mm)	6.5	6.9	8.2	7.1	8.4	9.4
Development	1.0	0.5	1.0	1.5	1.5	1.5
Net proceeds (\$mm)	5.5	6.5	7.2	5.6	6.9	7.9
Royalty income (\$mm)	4.1	4.9	5.4	4.2	5.1	5.9
Royalty/Net proceeds	75%	75%	75%	75%	75%	75%
One time	0.6					
Distributable income (\$mm)	3.5	4.9	5.4	4.2	5.1	5.9
Units (millions)	46.6	46.6	46.6	46.6	46.6	46.6
Distribution (\$/unit)	0.08	0.10	0.12	0.09	0.11	0.13
<i>Latest Twelve Month Average</i>						
Heat Content(btu/cf)	1,059	1,059	1,057			
Natural Gas (mmcf)	124	123	125			
SJT/Henry Hub	0.73	0.73	0.74			
SJT/San Juan Index	0.87	0.87	0.87			
Other revenue	(0.0)	(0.0)	(0.0)			
Operating	1.3	1.3	1.3			
Development	2.5	2.4	2.2			
Severance tax/revenue	10.0%	9.8%	9.7%			

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