

MCDEP Income and Small Cap Weekly

Analysis of Oil & Gas Stocks September 23, 2011

Transfer Buy to SJT from HGT on Volume Trend

Summary and Recommendation

We reinstate a buy on bottom line cash payer San Juan Basin Royalty Trust (SJT) at the same time we remove our buy on Hugoton Royalty Trust (HGT) on the basis of diverging operating trends. SJT natural gas production may be declining about 2% a year while HGT volume may be declining perhaps 8% a year (see chart Volume on page 2). That difference has not been noticeable in distributions which track each other closely for the two trusts (see chart Distribution on page 2). The explanation appears to lie in the higher amount of reinvestment in new production by SJT (see chart Development Spending on page 2). Reinvestment is beneficial long-term because it increases reserves and future production. Yet, income investors often overlook that and instead pay more attention to the impact of reinvestment in reducing current income. As a result, it looks like the two stocks are priced to yield the same at 6.2% for SJT and 6.1% for HGT, while the McDep Ratio is lower for SJT at 0.92 compared to HGT at 1.02 (see Table ISC-1 on page 3). High-quality, meaningful income and no debt are reassuring in nervous markets (see Table ISC-2 on page 4). A shorter reported reserve life is a tax advantage for SJT at the same time we believe the underlying potential is better than indicated by reserve life (see Table ISC-3 on page 5). Though HGT enjoys a momentum advantage with stock price above its 200-day average, the lower ratio for SJT indicates a widening of a price difference that contributes to our change in recommendation (see Table ISC-4 on page 6). Finally, estimated distribution for the next twelve months is attractive despite depressed futures prices for natural gas (see tables Next Twelve Months Operating and Financial Estimates on pages 7-8).

Stepping Back from the Brink

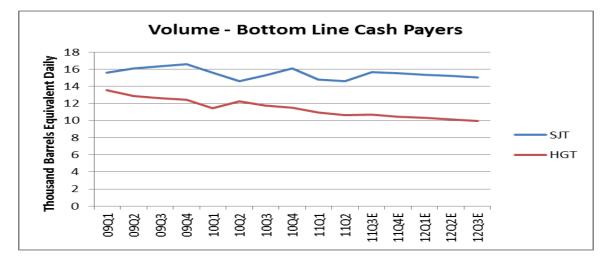
In the face of recent tumultuous markets, we reaffirm our intention to keep on our program for our personal portfolio to rebuild gradually the equity allocation that has automatically declined with market action. It appears to be a fertile time to harvest tax losses to get some benefit from the decline and reinvest in similar stocks at especially attractive prices. In any case, we believe the stocks we buy today will prove to be solid investments in a few years as we either change our political leadership or those in power change to become more effective leaders. Future global growth is not lost, just delayed. Lower stock prices compensate for the delay. Investors under no financial, institutional or behavioral pressure to sell have stronger opportunities than in normal times.

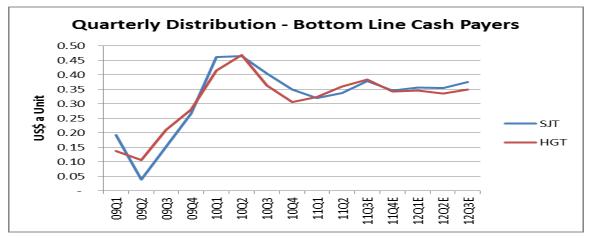
Kurt H. Wulff, CFA

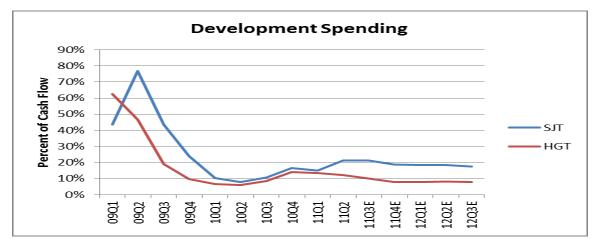


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Please see disclosures on the final page.



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Debt, S	egmei	nts	, Cash l	F <mark>low, I</mark>	ncome ai	nd M	cDe]	p Ratio	D		
			۰ n								
Cover	hol/Pati		Price (US\$/sh)	EV/	Enterprise	PV(9/)	EV/	Dist.	Dist.	
Syn		0	,	Market	Value	Nat	/0]	Ebitda	NTM	Yield	M-D
CP	B = I (see belo		22-Sep 2011	Сар	(\$mm)	Gas	Oil	NTM	(\$/un)	(%)	McDep Ratio
СВ		Jw)	2011	Cap	(\$mm)	Gus	Ou	11111	(<i>\$/un)</i>	(/0)	Кин
Small Cap Independent Produce	rs										
Range Resources	RRC	В	66.10	1.19	12,490	69	31	15.8	0.16	0.2	0.95
Peyto Exploration and Developmen			19.38	1.19	3,080	76	24	9.1	0.74	3.8	0.83
Birchcliff Energy Ltd.	BIREF			1.26	1,870	56	44	11.6	-	-	0.75
Berry Petroleum Company	BRY		39.22	1.69	3,640	23	77	7.1	0.30	0.8	0.68
Cimarex Energy Company	XEC	CB	58.65	1.15	5,780	46	54	4.6	0.40	0.7	0.52
Denbury Resources Inc.	DNR		11.80	1.49	7,130	5	95	5.8	-	-	0.52
Whiting Petroleum Corporation	WLL	CB	37.41	1.36	6,050	11	89	4.0	-	-	0.49
Total or Median					40,000			7.1			0.68
Top Line Cash Payers											
Cross Timbers Royalty Trust	CRT		44.26	1.00	270	87	13		2.98	6.7	0.99
Permian Basin RT	PBT		21.17	1.00	990	42	58		1.46	6.9	0.96
Sabine Royalty Trust	SBR		62.85	1.00	920	51	49		4.18	6.6	0.90
Dorchester Minerals, L.P.	DMLP	CB	23.17	1.00	710	61	39		1.70	7.3	0.77
Freehold Royalties Ltd.	FRHLF		16.01	1.07	1,010	18	82		1.72	10.7	0.74
Total or Median					3,900					6.9	0.90
Bottom Line Cash Payers											
Linn Energy, LLC	LINE		36.53	1.48	9,530	31	69	15.5	2.76	7.6	1.05
Hugoton RoyaltyTrust	HGT		22.38	1.00	900	88	13	14.8	1.37	6.1	1.02
Vanguard Natural Resources, LLC	VNR		26.08	1.48	1,980	23	77	10.6	2.30	8.8	0.98
San Juan Basin Royalty Trust	SJT	CB		1.00	1,070	100	-	12.8	1.43	6.2	0.92
Legacy Reserves L.P.	LGCY		26.21	1.50	1,710	21	79	9.2	2.16	8.2	0.91
Mesa RoyaltyTrust	MTR		44.50	1.00	83	75	25	12.2	3.09	6.9	0.84
Enerplus Corporation	ERF	CB	24.54	1.25	5,500	30	70	7.3	2.21	9.0	0.71
Total or Median					20,800			12.2		7.6	0.92
Composite											
Enterprise Value Weighting					64,700	39	61				0.73
Enterprise value weighting Equal Weighting					04,700	48	52				0.73
Equal Weighted Buys						40	53				0.82
Lynui weignieu Duys						77	55				0.75

CB=Contrarian Buy, Stock Price apparently in downtrend compared to 200-day average.

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

Present Value (PV) presumes long-term prices of \$100 a barrel for oil and \$8 a million btu for natural gas.

Dist. = Income distribution. NTM = Next Twelve Months Ended September 30, 2012. Enterprise Value = Market Cap and Debt.



		Tab	le ISC-2					
McDep Inc	ome an	d Sı	nall Ca	p Ener	gy Port	folio		
Net P	resent `	Valu	e and l	McDep	Ratio			
			Price			Net		
			(\$/sh)		Market	Present	Debt/	
	Symbol/		22-Sep	Shares	Cap	Value	Present	McDep
	Ra	ting	2011	(mm)	(\$ <i>mm</i>)	(\$/un)	Value	Ratic
Small Cap Independent Producers								
Range Resources	RRC	В	66.10	159.0	10,510	70.00	0.15	0.95
Peyto Exploration and Development Con		D	19.38	133.1	2,580	24.00	0.13	0.93
Birchcliff Energy Ltd.	BIREF	CB	11.30	131.0	1,480	16.00	0.14	0.83
Berry Petroleum Company	BRY	CD	39.22	54.7	2,150	70.00	0.10	0.68
Cimarex Energy Company	XEC	CB	58.65	86.1	5,050	120.00	0.23	0.52
Denbury Resources Inc.	DNR	CD	11.80	404.0	4,770	28.00	0.07	0.52
Whiting Petroleum Corporation	WLL	CB	37.41	119.0	4,170	90.00	0.17	0.32
Total or Median	WLL	CD	57.41	117.0	30,990	70.00	0.15	0.68
Totat of Median					50,990		0.15	0.00
Top Line Cash Payers								
Cross Timbers Royalty Trust	CRT		44.26	6.0	270	45.00	-	0.99
Permian Basin RT	PBT		21.17	46.6	990	22.00	-	0.96
Sabine Royalty Trust	SBR		62.85	14.6	920	70.00	-	0.90
Dorchester Minerals, L.P.	DMLP	CB	23.17	30.7	710	30.00	-	0.77
Freehold Royalties Ltd.	FRHLF		16.01	59.1	950	22.00	0.05	0.74
Total or Median					3,840			0.90
Bottom Line Cash Payers								
Linn Energy, LLC	LINE		36.53	176.0	6,430	34.00	0.34	1.05
Hugoton RoyaltyTrust	HGT		22.38	40.0	900	22.00	-	1.03
Vanguard Natural Resources, LLC	VNR		26.08	51.1	1,330	27.00	0.32	0.98
San Juan Basin Royalty Trust	SJT	CB	22.97	46.6	1,070	25.00	-	0.92
Legacy Reserves L.P.	LGCY	CD	26.21	43.6	1,070	30.00	0.30	0.92
Mesa RoyaltyTrust	MTR		44.50	1.9	83	53.00		0.91
Enerplus Corporation	ERF	CB	24.54	179.6	4,410	37.00	0.14	0.84
Total or Median		CD	24.34	179.0	15,360	57.00	0.14	0.92
10iui or meutun					15,500			0.92
B=Buy; CB=Contrarian Buy, Stock Price								
McDep Ratio = Market cap and Debt to Present Value presumes long-term price								



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Analysis of Oil & Gas Stocks September 23, 2011

		Tab	le ISC-3					
McDep Inco	ome an	d S	mall C	ap Enei	gy Por	tfolio		
Value	Multip	les ·	- Rank	by EV/	Ebitda			
			D !			A 1:-+1		
			Price	Revenue	Dist/	Adjstd Resrvs/	PV/	EV
	Symbol/		22-Sep	Royalty	Equity	Prod	Ebitda	Ebitda
		ting	22-Sep 2011	(%)	Equity Ebitda	NTM	NTM	NTM
	Ка	ung	2011	(70)	Ebiiaa	11111	1 1 1 11	1111
Small Cap Independent Producers								
Range Resources	RRC	В	66.10		-	14.4	16.6	15.8
Birchcliff Energy Ltd.	BIREF	CB	11.30		-	19.7	15.4	11.6
Peyto Exploration and Development Corp			19.38		0.33	13.6	10.9	9.1
Berry Petroleum Company	BRY		39.22		-	11.9	10.3	7.1
Denbury Resources Inc.	DNR		11.80		-	13.4	11.2	5.8
Cimarex Energy Company	XEC	CB	58.65		-	6.8	8.9	4.6
Whiting Petroleum Corporation	WLL	CB	37.41		-	8.5	8.1	4.0
Median						13.4	10.9	7.1
Top Line Cash Payers								
Sabine Royalty Trust	SBR		62.85	100	1.00	7.2	16.7	15.0
Cross Timbers Royalty Trust	CRT		44.26	80	0.97	13.9	14.6	14.4
Permian Basin RT	PBT		21.17	32	0.98	16.5	14.9	14.3
Dorchester Minerals, L.P.	DMLP	CB	23.17	77	0.84	6.6	14.9	11.5
Freehold Royalties Ltd.	FRHLF		16.01	71	0.97	6.6	12.4	9.2
Median						7.2	14.9	14.3
Bottom Line Cash Payers								
Linn Energy, LLC	LINE		36.53		1.20	17.1	14.7	15.5
Hugoton RoyaltyTrust	HGT		22.38		0.91	13.9	14.6	14.8
San Juan Basin Royalty Trust	SJT	CB	22.97		0.80	8.6	13.9	12.8
Mesa RoyaltyTrust	MTR	-	44.50		0.85	14.5	14.5	12.2
Vanguard Natural Resources, LLC	VNR		26.08		0.92	8.8	10.9	10.6
Legacy Reserves L.P.	LGCY		26.21		0.73	10.2	10.1	9.2
Enerplus Corporation	ERF	CB	24.54		0.61	8.3	10.3	7.3
Median						10.2	13.9	12.2
D_D.w. CD_Contronion D.w. Starl-Drive	0000000041		lo mentero		to 200 d-			
B=Buy; CB=Contrarian Buy, Stock Price								
EV = Enterprise Value = Market Cap and							n	
and amortization; NTM = Next Twelve M				50, 2012; F	7E = 500C	sk price to		
Earnings; PV = Present Value of oil and g Top Line Cash Payers defined as those ha				aa fifth aal	unan fac	night)		

Top Line Cash Payers defined as those having Revenue Royalty (see fifth column from right).



		Tal	ble ISC-4	ł									
Oil and O	Gas Inc	com	e and S	Small C	Cap Stoc	ks							
Rank by E	Rank by Enterprise Value to 200 Day Average												
			Price										
			(\$/sh)		Enterpris	e Value/							
	Symbol/		22-Sep	52Wk	52Wk	50 Day	200 Day	McDep					
	Ra	ting	2011	High	Low	Avg.	Avg.	Ratic					
Small Cap Independent Producers													
Range Resources	RRC	В	66.10	0.88	1.66	1.06	1.19	0.95					
Peyto Exploration and Development C	PEYUF		19.38	0.80	1.31	0.88	0.94	0.83					
Birchcliff Energy Ltd.	BIREF	CB	11.30	0.79	1.34	0.87	0.93	0.75					
Berry Petroleum Company	BRY		39.22	0.75	1.17	0.86	0.88	0.68					
Whiting Petroleum Corporation	WLL	CB	37.41	0.57	1.02	0.80	0.70	0.49					
Denbury Resources Inc.	DNR		11.80	0.55	1.03	0.79	0.68	0.52					
Cimarex Energy Company	XEC	CB	58.65	0.53	1.02	0.82	0.66	0.52					
Median				0.75	1.17	0.86	0.88	0.68					
Top Line Cash Payers													
Cross Timbers Royalty Trust	CRT		44.26	0.91	1.27	0.99	1.01	0.99					
Sabine Royalty Trust	SBR		62.85	0.89	1.32	1.01	1.00	0.90					
Permian Basin RT	PBT		21.17	0.89	1.11	0.96	0.98	0.96					
Dorchester Minerals, L.P.	DMLP	CB	23.17	0.77	1.11	0.92	0.86	0.77					
Freehold Royalties Ltd.	FRHLF		16.01	0.67	1.01	0.84	0.77	0.74					
Median				0.89	1.11	0.96	0.98	0.90					
Bottom Line Cash Payers													
Hugoton RoyaltyTrust	HGT		22.38	0.91	1.16	1.00	1.01	1.02					
Linn Energy, LLC	LINE		36.53	0.92	1.14	0.98	0.97	1.05					
Mesa RoyaltyTrust	MTR		44.50	0.87	1.12	0.98	0.96	0.84					
San Juan Basin Royalty Trust	SJT	CB	22.97	0.82	1.13	0.96	0.94	0.92					
Legacy Reserves L.P.	LGCY		26.21	0.84	1.12	0.96	0.93	0.91					
Vanguard Natural Resources, LLC	VNR		26.08	0.84	1.09	0.94	0.92	0.98					
Enerplus Corporation	ERF	CB	24.54	0.78	1.04	0.88	0.83	0.71					
Median				0.84	1.12	0.96	0.94	0.92					
CB=Contrarian Buy, Stock Price appar	ently in do	owntr	end comp	ared to 20	0-dav avera	ge.							



San Juan Basin Royalty Trust Next Twelve Months Operating and Financial Estimates												
	Next Tw	elve Mon	ths Opera	ating and I	financial	Estimate	S					
									Next			
									Twelve			
	Q3	Q2	Q3E	Q4E	Year	Q1E	Q2E	Q3E	Months			
	9/30/10	6/30/11	9/30/11	12/31/11	2011E	3/31/12	6/30/12	9/30/12	9/30/12			
Highlights												
Revenue (\$mm) (75%)	30.4	29.0	32.7	29.8	118.9	30.5	30.4	31.4	122.1			
Cash flow (\$mm) (75%)	21.3	19.8	22.9	20.3	81.2	20.8	20.7	21.7	83.6			
Per unit	0.46	0.42	0.49	0.44	1.74	0.45	0.44	0.47	1.79			
Distributable Income (\$mm)	18.8	15.7	17.7	16.1	64.3	16.6	16.5	17.5	66.7			
Per unit	0.40	0.34	0.38	0.34	1.38	0.36	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)	9.2	8.4	9.3	9.2	35.9	9.2	8.8	9.0	36.2			
Heat Content(btu/cf)	1,103	1,093	1,090	1,090	1,094	1,094	1,094	1,094	1,093			
Natural gas (bcf)	8.4	7.7	8.6	8.5	32.9	8.4	8.0	8.2	33.1			
Natural Gas (mmcfd)	90.8	86.8	93.1	92.1	90.0	91.2	90.3	89.4	90.8			
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)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2			
Days	92	89	92	92	365	92	89	92	365			
Total gas & oil (bcf)	8.5	7.8	8.7	8.6	33.2	8.5	8.1	8.3	33.5			
Price	0.0	, 10	017	0.0	0012	0.0	011	0.0				
Natural gas (\$/mmbtu) (Her	rv Hub lao	ged two m	onths)									
Henry Hub (\$/mmbtu)	4.38	4.12	4.36	4.02	4.10	4.14	4.30	4.35	4.20			
Differential (%)	2	(7)	(4)	(4)	(4)	(4)	(4)	(4)	(4)			
Net to SJT (\$/mmbtu)	4.28	4.41	4.53	4.17	4.27	4.30	4.47	4.52	4.36			
Natural gas (\$/mcf)	4.72	4.82	4.93	4.55	4.67	4.70	4.89	4.95	4.77			
Oil (\$/bbl) (WTI Cushing la												
WTI Cushing	75.14	100.91	98.33	86.42	93.33	86.12	86.81	87.55	86.72			
SJT	63.48	91.18	88.85	78.09	82.87	76.46	77.08	77.74	77.35			
Total gas & oil (\$/mcf)	4.80	4.94	5.04	4.64	4.77	4.79	4.98	5.04	4.86			
Revenue (\$mm)	4.00	7.77	5.04	7.07		ч.//	4.70	5.04	4.00			
Natural Gas	39.4	37.2	42.3	38.6	153.6	39.5	39.3	40.7	158.0			
Oil	1.1	1.4	1.4	1.2	5.0	1.2	1.2	1.2	4.8			
Total	40.6	38.6	43.6	39.8	158.5	40.6	40.5	41.9	162.8			
Cost (\$mm)	40.0	38.0	45.0	39.0	150.5	40.0	40.5	41.9	102.0			
Severance tax	4.0	3.7	4.1	3.8	15.2	3.9	3.9	4.0	15.6			
				8.9	35.1	8.9	8.9	4.0	35.7			
Operating Total	8.1 12.1	8.5 12.2	8.9 13.1	12.7		12.8	12.8	8.9				
					50.3				51.3 111.5			
Cash flow (\$mm)	28.4	26.4	30.6	27.1	108.2	27.8	27.6	28.9				
Development	3.1	5.6	6.5	5.1	20.9	5.1	5.1	5.1	20.4			
Net proceeds (\$mm)	25.3	20.8	24.0	22.0	87.3	22.7	22.5	23.8	91.1			
Royalty income (\$mm)	19.0	15.6	18.0	16.5	65.5	17.0	16.9	17.9	68.3			
Royalty/Net proceeds	75%	75%	75%	75%	75%	75%	75%	75%	75%			
Administration	0.2	0.5	0.4	0.4	1.8	0.4	0.4	0.4	1.6			
One-time		(0.7)			(0.7)				-			
Distributable income (\$mm		15.7	17.7	16.1	64.3	16.6	16.5	17.5	66.7			
Severance tax/revenue	9.9%	9.6%	9.5%	9.5%	9.6%	9.6%	9.6%	9.6%	9.6%			
Operating cost (\$/mcf)	0.96	1.09	1.03	1.04	1.06	1.05	1.10	1.07	1.07			
Development/Cash flow	11%	21%	21%	19%	19%	18%	18%	18%	18%			

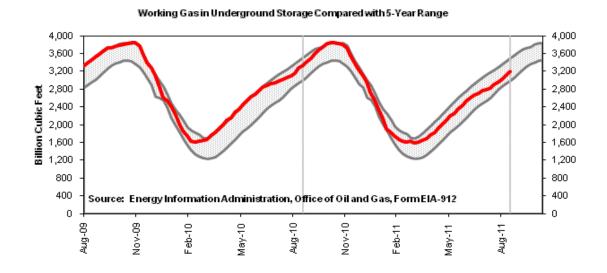


				loyalty Trus					
	Next Tw	elve Mon	ths Opera	ting and Fi	nancial H	Estimates			
									Next
									Twelve
	Q3	Q2	Q3E	Q4E	Year	Q1E	Q2E	Q3E	Months
	9/30/10	6/30/11	9/30/11	12/31/11	2011E	3/31/12	6/30/12	9/30/11	6/30/12
Highlights									
Revenue (\$mm) (80%)	25.3	25.5	26.8	24.0	100.9	24.5	24.0	24.6	97.1
Cash flow (\$mm) (80%)	16.0	16.7	17.6	15.1	64.6	15.2	14.8	15.3	60.5
Per unit	0.40	0.42	0.44	0.38	1.61	0.38	0.37	0.38	1.51
Distributable Income (\$mm)	14.5	14.4	15.3	13.7	56.3	13.8	13.4	13.9	54.9
Per unit	0.36	0.36	0.38	0.34	1.41	0.35	0.34	0.35	1.37
Units (millions)	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
Volume									
Natural Gas (bcf)	6.1	5.3	5.5	5.4	21.9	5.3	5.0	5.1	20.8
Natural Gas (mmcfd)	66.0	59.6	60.0	58.8	59.9	57.6	56.4	55.3	57.0
Oil (mb)	69	64	65	64	261	68	65	65	262
Oil (mbd)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Total (bcf)	6.5	5.7	5.9	5.8	23.4	5.7	5.4	5.5	22.4
Price									
Natural Gas (HH lagged two	months)								
Henry Hub (\$/mmbtu)	4.38	4.12	4.36	4.02	4.10	4.14	4.30	4.35	4.20
Differential (%)	(0)	(18)	(14)	(14)	(14)	(14)	(14)	(14)	(14)
HGT (\$/mcf)	4.39	4.86	4.96	4.58	4.70	4.71	4.90	4.96	4.78
Oil (\$/bbl) (WTI Cushing lag	gged two n	nonths)							
WTI Cushing	75.14	100.91	98.33	86.42	93.33	86.12	86.81	87.55	86.72
HGT	71.43	96.92	94.44	83.01	89.88	82.94	83.60	84.32	83.46
Total (\$/mcf)	4.87	5.62	5.67	5.19	5.38	5.37	5.55	5.61	5.42
Revenue (\$mm)									
Natural Gas	26.7	25.7	27.4	24.7	102.7	25.0	24.6	25.2	99.6
Oil	4.9	6.2	6.1	5.3	23.4	5.6	5.4	5.5	21.8
Total	31.6	31.9	33.5	30.0	126.1	30.6	30.0	30.7	121.4
Cost (\$mm)									
Tax, transport & other	3.4	3.4	3.7	3.3	13.7	3.4	3.3	3.4	13.4
Production	5.4	4.9	5.2	5.2	20.8	5.5	5.5	5.5	21.7
Overhead	2.8	2.7	2.7	2.7	10.8	2.7	2.7	2.7	10.8
Total	11.5	11.1	11.6	11.2	45.4	11.6	11.5	11.6	45.8
Cash flow (\$mm)	20.0	20.9	21.9	18.8	80.7	19.1	18.5	19.2	75.6
Development	1.7	2.6	2.2	1.5	8.8	1.5	1.5	1.5	6.0
Excess costs	1.7	2.0	2.2	1.5	-	1.5	1.5	1.5	0.0
Net proceeds (\$mm)	18.3	18.3	19.7	17.3	71.9	17.6	17.0	17.7	69.6
Royalty income (\$mm)	14.7	14.7	15.8	13.9	57.6	14.0	13.6	14.1	55.7
Royalty/Net proceeds	80%	80%	80%	80%	80%	80%	80%	80%	80%
Administration	0.1	0.3	0.5	0.2	1.2	0.2	0.2	0.2	0.8
Distributable income (\$mm)	14.5	14.4	15.3	13.7	56.3	13.8	13.4	13.9	54.9
Tax and other/revenue		14.4	11.0%	11.0%	50.5 10.9%	11.0%	11.0%	11.0%	
	10.8%			0.89					11.0%
Production cost (\$/mcf) Overhead cost (\$/mcf)	0.83	0.86	0.88		0.89	0.96	1.02	1.00	0.97
Development/Cash flow	0.43	0.48	0.46	0.47	0.46	0.47	0.50	0.49	0.48



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