

Analysis of Oil & Gas Stocks May 21, 2010

Canadian Income Trusts for Value and Distributions

Summary and Recommendation

Among five stocks in our Canadian Income Trust group, we rate Canadian Oil Sands **Trust (COSWF)** Contrarian Buy. "Contrarian" acknowledges that current stock price is in a downtrend defined by price below the 200-day average. "Buy" signifies the appeal in production of high quality synthetic crude oil, long life resources, lowest McDep Ratio of 0.67 and cash distributions currently at the rate of 7.6% a year (see Tables 1-3). The remaining four stocks are also attractively priced at McDep Ratios of 0.73-0.87 and distribution yields of 9.2-11.0%. Believing that Canadian proven reserves can be conservative, we include reported probable reserves in our determination of adjusted reserve life used in estimating Net Present Value (NPV) for those stocks. In addition, **Penn West Energy Trust (PWE)** justified our raising NPV to US\$23 a unit from \$19 as a result of the May 13th announcement that China Investment Corporation would invest C\$817 million in a partnership to develop PWE's Peace River oil sands resources. The good news may be helping PWE units to trace an uptrend with current price above the 200-day average. Natural gas producer **Peyto Energy Trust (PEYUF)** also trades in a unit price uptrend. Measured by futures prices for the next six years, natural gas may turn up before winter, but oil has turned down amid the week's market turmoil.

Upsides in Resource Value

A longer life usually means a higher value. We see reserves to production ratios (Adjusted R/P) ranging from about 7 to 31 for the five trusts (see tables on pages 2-4, Functional Cash Flow and Present Value). At the same time unlevered cash flow multiples (PV/Ebitda) range from 7 to 13. Natural gas multiples are higher than oil multiples because we expect future natural gas price to be higher relative to oil price than it is today. PV/Ebitda increases steadily with reserve life up to about 15. Present value increases further at a declining rate for reserve life beyond 15 as we can see for the long life natural gas reserves in Peyto and oil reserves in COSWF.

Value is created in longer life resources when there is a credible intention to develop those properties. COSWF's resources will be developed by the Syncrude oil sands mine and upgrader that is already in place. PWE's Peace River resource became more valuable in its stock when an investor committed the funds for development.

(Continued on next page)



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Volume Up for Long Life Trusts

Natural gas volume has turned up at Peyto (see chart on page 4, <u>Oil and Gas Volume</u>). The trust is spending aggressively on horizontal multistage fracturing in Canada's Deep Basin. Volume is also increasing at COSWF after reduction for maintenance operations in the first quarter 2010.

Gentle volume decline is normal for shorter life production. Yet ERF, PGH and PWE are each pursuing a version of new technology to tap unconventional resources. Surprises are possible. Otherwise volume trends tend to moderate at higher commodity price and accelerate at lower commodity price.

Distributions Trending to Sustainable Level with Corporate Taxation

Strongly encouraged by the change in Canadian tax laws, each of the five trusts expects to convert to corporate form around year end. The main implication is that distribution capacity may be reduced by perhaps 10-20% for new taxes. The irony is that few corporations pay cash taxes. Each of the trusts is accumulating 'tax pools' that allow deferral of cash taxes, sometimes indefinitely. Distributions have already been reduced toward a sustainable corporate level (see chart on page 8, Quarterly Distributions). None of the current payments exceed our measure of Equity Ebitda except for Peyto (see Table 3). Peyto has the extra covered with hedges for now. PWE management may likely want to allocate more cash flow to drilling programs and may make lower distributions next year. In all cases distributions depend on oil and gas price among other factors.

Kurt H. Wulff, CFA

	Canadian Oil Sand	Trust									
Functional Cash Flow and Present Value											
NTM Ebitda Adjusted PV/ Value											
Oil	1,520	31.4	13.0	19,690	100%						
Debt (US\$mm)					1,300						
Net Present Value (US\$mm)					18,390						
Shares (mm)					484						
Net Present Value (US\$/sh)					38						



Penn '	West Energy	Trust			
Functional Ca	sh Flow and	Present Val	ue		
				Present	
Λ	ITM Ebitda	Adjusted	PV/	Value	
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	(US\$mm)	
North American Natural Gas	340	7.5	8.8	3,000	23%
Oil	1,090	11.6	9.3	10,100	77%
	1,430	9.9	9.2	13,100	100%
Debt (US\$mm)					3,200
Net Present Value (US\$mm)					9,900
Shares (mm)					428
Net Present Value - Standard Estimate (US\$/sh)					23
NPV Approximation by Cash Flow Multiple Dep	ending on Re	eserve Life (US\$/sh)		24
Oil PV includes \$1.5 billion for Peace River Joint	Venture with	China Inve	stment Co	rporation	

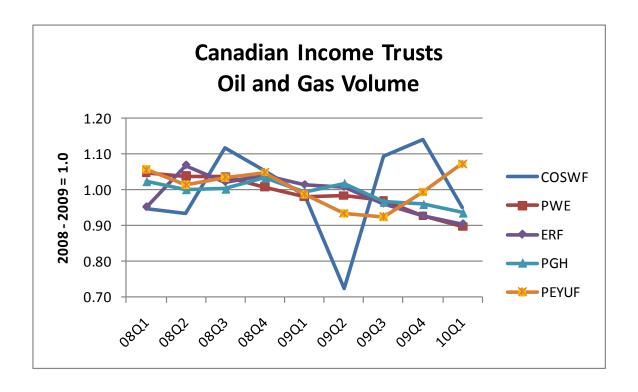
Energ	lus Resource	es Fund			
Functional C	ash Flow and	Present Va	lue		
				Present	
Ĭ.	VTM Ebitda	Adjusted	PV/	Value	
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	(US\$mm)	
North American Natural Gas	260	8.2	10.0	2,600	42%
Oil	430	11.8	8.3	3,570	58%
	690	9.7	8.9	6,170	100%
Debt (US\$mm)					870
Net Present Value (US\$mm)					5,300
Shares (mm)					178
Net Present Value - Standard Estimate (US\$/sh)				30
NPV Approximation by Cash Flow Multiple De	pending on F	Reserve Life	(US\$/sh)		29

Peng	growth Energ	y Trust								
Functional (Cash Flow and	l Present Va	lue							
NTM Ebitda Adjusted PV/ Value (US\$mm) R/P Ebitda (US\$mm) orth American Natural Gas 160 8.7 10.9 1,750										
	NTM Ebitda	Adjusted	PV/	Value						
	(US\$mm)	<u>R/P</u>	<u>Ebitda</u>	(US\$mm)						
North American Natural Gas	160	8.7	10.9	1,750	39%					
Oil	400	10.8	6.8	2,720	61%					
	560	9.7	8.0	4,470	100%					
Debt (US\$mm)					1,270					
Net Present Value (US\$mm)					3,200					
Shares (mm)					290					
Net Present Value - Standard Estimate (US\$/s	h)				11					
Net Present Value - Approximation by Cash F	low Multiple	Depending of	on Reserv	e Life (\$/un)	12					



Income and Small Cap Weekly

Pey	to Energy T	rust								
Functional Ca	sh Flow and	Present Val	lue							
	Present									
Λ	VTM Ebitda	Adjusted	PV/	Value						
	<u>(US\$mm)</u>	<u>R/P</u>	<u>Ebitda</u>	(US\$mm)						
North American Natural Gas	130	23.3	13.1	1,700	77%					
Oil	56	22.4	9.3	520	23%					
	186	23.1	11.9	2,220	100%					
Debt (US\$mm)					410					
Net Present Value (US\$mm)					1,810					
Shares (mm)					121					
Net Present Value - Standard Estimate (US\$/sh)					15					





M.D	T			Table 1	7 T	D	.4C- 12 -			
	-				Cap Ene	-				
De	ebt, Bu	sin	ess Seg	ments	and Inc	ome Yi	eld			
						Present	171			
			ъ.							
C	l - 1/D		Price	EV/	F	by Segm	ent (%)	D:-4	D:-4	
ა	ymbol/Rai				Enterprise	NAmer.	0:1	Dist.	Dist.	14 D
	CB (see be	Buy	20-May	Market	Value (\$mm)	Natural	Oil Prod'n	NTM	Yield	McDep
	ъ (see be	iow)	2010	Cap	(\$mm)	Gas	Proa n	(\$/un)	(%)	Ratio
Canadian Income Trusts (US\$)										
Pengrowth Energy Trust	PGH		8.97	1.49	3,900	39	61	0.79	8.8	0.87
Peyto Energy Trust	PEYUF		12.25	1.28	1,890	77	23	1.35	11.0	0.85
Penn West Energy Trust	PWE		18.30	1.41	11,100	23	77	1.69	9.2	0.85
Enerplus Resources Fund	ERF		20.74	1.23	4,600	42	58	2.02	9.8	0.73
Canadian Oil Sands Trust	COSWF	СВ	24.75	1.11	13,300		100	1.87	7.6	0.67
Total or Median		-			34,800					0.85
Small Cap Independent Producers	DDC		42.05	1.24	0.510	71	20	0.12	0.2	1.00
Range Resources Petro-Hawk	RRC		42.95	1.24	9,510	71	29	0.12	0.3	1.28
	HK		17.83	1.54	9,280	97	3	-	-	1.15
Ultra Petroleum	UPL		42.74	1.16	8,390	90	10	-	-	0.95
Whiting Petroleum Corporation	WLL		73.81	1.23	6,050	13	87	0.20	- 1.1	0.90
Berry Petroleum Company	BRY	D	28.49	1.74	2,520	30	70 34	0.30	1.1	0.88
Cimarex Energy Company	XEC	В	62.95	1.12	6,000	66	-	0.32	0.5	0.85
Birchcliff Energy Ltd. (US\$) Total or Median	BIREF	В	8.22	1.24	1,290	66	34	-	-	0.64
Total or Median					41,800					0.92
Top Line Cash Payers										
Sabine Royalty Trust	SBR		45.09	1.00	660	39	61	3.44	7.6	1.00
Cross Timbers Royalty Trust	CRT		33.00	1.00	200	78	22	2.59	7.9	0.97
Dorchester Minerals, L.P.	DMLP	В	25.00	1.02	760	67	33	1.77	7.1	0.93
Permian Basin RT	PBT		16.16	1.00	750	27	73	1.21	7.5	0.90
Freehold Royalty Trust (US\$)	FRHLF		14.91	1.09	950	29	71	1.63	10.9	0.89
Total or Median					3,300					0.93
Bottom Line Cash Payers										
Linn Energy, LLC	LINE		22.71	1.52	4,980	45	55	2.52	11.1	1.05
Legacy Reserves L.P.	LGCY		19.22	1.46	1,100	16	84	2.08	10.8	0.97
San Juan Basin Royalty Trust	SJT	В	22.06	1.00	1,030	100	-	1.51	6.8	0.96
Encore Energy Partners, L.P. (52%)			15.88	1.37	510	23	77	2.11	13.3	0.95
Mesa RoyaltyTrust	MTR		42.00	1.00	78	75	25	3.31	7.9	0.87
Hugoton RoyaltyTrust	HGT	В	17.72	1.00	710	90	10	1.59	9.0	0.84
Total or Median					8,400					0.96
Composite (excl COSWF)										
Enterprise Value Weighting					76,300	56	44			0.94
Equal Weighting					,	55	45			0.92
Equal Weighted Buys						66	34			0.84
GD G					200.1					
CB=Contrarian Buy, Stock Price ap										
McDep Ratio = Market cap and Del			alue of oil a barrel for o							



			Table 2					
McDep Inco	me an	d S	mall C	ap En	ergy Po	rtfolio		
Net Pi	resent `	Val	ue and	McDe	p Ratio)		
			Price			Net		
			(\$/sh)		Market	Present	Debt/	
	Symbol/		20-May	Shares	Сар	Value	Present	McDe
	Ra	ting	2010	(mm)	(\$mm)	(\$/un)	Value	Ratio
Canadian Income Trusts (US\$)								
Pengrowth Energy Trust	PGH		8.97	290.0	2,600	11.00	0.28	0.8
Peyto Energy Trust	PEYUF		12.25	120.5	1,480	15.00	0.19	0.85
Penn West Energy Trust	PWE		18.30	428.3	7,840	23.00	0.15	0.85
Enerplus Resources Fund	ERF		20.74	178.0	3,690	30.00	0.23	0.73
Canadian Oil Sands Trust	COSWF	СВ	24.75	484.0	11,980	38.00	0.14	0.73
Total or Median	COBVII	CD	24.73	101.0	27,600	30.00	0.19	0.85
Small Cap Independent Producers								
Range Resources	RRC		42.95	160.0	7,680	35.00	0.25	1.28
Petro-Hawk	HK		17.83	303.0	6,040	16.00	0.40	1.15
Ultra Petroleum	UPL		42.74	154.0	7,230	50.00	0.40	0.95
Whiting Petroleum Corporation	WLL		73.81	59.2	4,920	95.00	0.13	0.90
Berry Petroleum Company	BRY		28.49	51.0	1,450	35.00	0.17	0.88
Cimarex Energy Company	XEC	В	62.95	85.4	5,380	75.00	0.09	0.85
Birchcliff Energy Ltd. (US\$)	BIREF	В	8.22	127.0	1,040	14.00	0.03	0.64
Total or Median	DIKLA	ь	0.22	127.0	33,740	14.00	0.12	0.90
Total of Median					33,740		0.17	0.90
Top Line Cash Payers								
Sabine Royalty Trust	SBR		45.09	14.6	660	45.00	-	1.00
Cross Timbers Royalty Trust	CRT		33.00	6.0	200	34.00	-	0.97
Dorchester Minerals, L.P.	DMLP	В	25.00	29.8	750	27.00	0.02	0.93
Permian Basin RT	PBT		16.16	46.6	750	18.00	-	0.90
Freehold Royalty Trust (US\$)	FRHLF		14.91	58.4	870	17.00	0.07	0.89
Total or Median					3,230			0.93
Bottom Line Cash Payers								
Linn Energy, LLC	LINE		22.71	144.0	3,270	21.00	0.36	1.05
Legacy Reserves L.P.	LGCY		19.22	39.2	750	20.00	0.31	0.97
San Juan Basin Royalty Trust	SJT	В	22.06	46.6	1,030	23.00	-	0.96
Encore Energy Partners, L.P. (52%)	ENP		15.88	23.4	370	17.00	0.26	0.95
Mesa RoyaltyTrust	MTR		42.00	1.9	78	48.00	-	0.87
Hugoton RoyaltyTrust	HGT	В	17.72	40.0	710	21.00	-	0.84
Total or Median					6,210			0.96
B=Buy; CB=Contrarian Buy, Stock Pri	ce apparen	tlv ir	downtre	nd compar	ed to 200-d	av averag	e.	
McDep Ratio = \mathbf{M} arket \mathbf{c} ap and $\mathbf{D}\mathbf{e}$ bt t								
Present Value presumes long-term price							95	

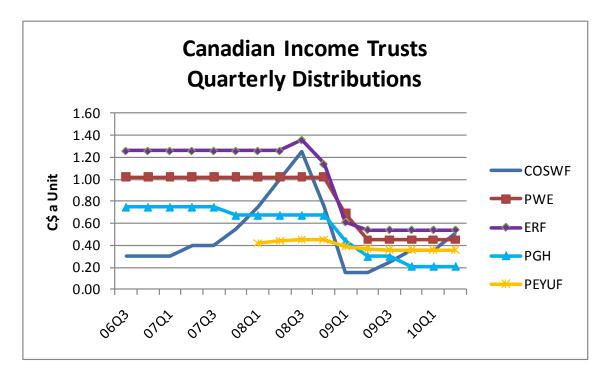


			Table 3					
McDep Inco	ome an	d S	mall C	Cap Ene	ergy Po	rtfolio		
Value	Multip	les	- Ranl	k by EV	//Ebitd	a		
			Price			Adjstd		
				Revenue	Dist/	Resrvs/	PV/	EV
	Symbol/		20-May	Royalty	Equity	Prod	Ebitda	Ebitdo
	-	ting	2010	(%)	Ebitda	NTM	NTM	NTM
				(,,,			- ,	
Canadian Income Trusts (US\$)								
Peyto Energy Trust	PEYUF		12.25		1.07	23.1	11.9	10.2
Canadian Oil Sands Trust	COSWF	СВ	24.75		0.64	31.4	13.0	8.8
Penn West Energy Trust	PWE		18.30		0.67	9.9	9.1	7.7
Pengrowth Energy Trust	PGH		8.97		0.57	9.7	8.0	6.9
Enerplus Resources Fund	ERF		20.74		0.60	9.7	9.0	6.6
Median						9.9	9.1	7.7
Small Cap Independent Producers								
Range Resources	RRC		42.95		_	13.3	11.5	14.7
Petro-Hawk	HK		17.83		_	8.0	10.7	12.3
Ultra Petroleum	UPL		42.74		_	14.1	12.6	12.0
Birchcliff Energy Ltd. (US\$)	BIREF	В	8.22		_	23.6	16.4	10.5
Berry Petroleum Company	BRY	-	28.49		_	13.2	8.3	7.3
Whiting Petroleum Corporation	WLL		73.81		_	10.3	7.7	6.9
Cimarex Energy Company	XEC	В	62.95		_	6.4	6.2	5.3
Median	_		02.73			13.2	10.7	10.5
T. I. C. I.D.								
Top Line Cash Payers	DIMB	- n	25.00		0.02		110	10.0
Dorchester Minerals, L.P.	DMLP	В	25.00	64	0.93	7.5	14.2	13.2
Sabine Royalty Trust	SBR		45.09	100	1.00	9.2	13.1	13.1
Cross Timbers Royalty Trust	CRT		33.00	84	0.96	13.4	12.6	12.2
Permian Basin RT	PBT		16.16	32	0.89	13.1	13.3	11.9
Freehold Royalty Trust (US\$) Median	FRHLF		14.91	71	0.89	8.6 9.2	9.3 13.1	8.2 12.2
тешип						9.2	13.1	12.2
Bottom Line Cash Payers								
Linn Energy, LLC	LINE		22.71		1.62	20.3	13.5	14.2
San Juan Basin Royalty Trust	SJT	В	22.06		0.84	14.8	12.8	12.3
Mesa RoyaltyTrust	MTR		42.00		0.91	9.1	13.1	11.4
Hugoton RoyaltyTrust	HGT	В	17.72		0.90	12.3	11.9	10.1
Encore Energy Partners, L.P.	ENP		15.88		1.22	12.8	9.8	9.3
Legacy Reserves L.P.	LGCY		19.22		0.95	12.0	9.2	8.9
Median						12.5	12.4	10.8
B=Buy; CB=Contrarian Buy, Stock Price	e apparent	ly in	downtren	d compare	d to 200-d:	av average		
EV = Enterprise Value = Market Cap and								
and amortization; NTM = Next Twelve I							/11	
Earnings; $PV = Present Value of oil and$					Stockii			
Top Line Cash Payers defined as those					column fro	m right)		



Income and Small Cap Weekly

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