# **Total S.A.** Global Natural Gas Competitor

Symbol	TOT	Ebitda Next Twelve Months ending 9/30/08 (US\$mm)	40,300
Rating	Buy	North American Natural Gas/Ebitda (%)	0
Price (US\$/sh)	80.69	Natural Gas and Oil Production/Ebitda (%)	77
Pricing Date	11/6/07	Adjusted Reserves/Production NTM	9.6
Shares (mm)	2273	EV/Ebitda	5.4
Market Capitalization (US\$mm)	183,000	PV/Ebitda	5.9
Debt (US\$mm)	34,000	Undeveloped Reserves (%)	50
Enterprise Value (EV) (US\$mm)	217,000	Natural Gas and Oil Ebitda (US\$/boe)	37.20
Present Value (PV) (US\$mm)	236,000	Present Value Proven Reserves(US\$/boe)	16.01
Net Present Value (US\$/share)	89	Present Value Proven Reserves(US\$/mcfe)	2.67
Debt/Present Value	0.14	Earnings Next Twelve Months (US\$/sh)	8.90
McDep Ratio - EV/PV	0.92	Price/Earnings Next Twelve Months	9
Dividend Yield (%/year)	3.4	Indicated Annual Dividend (US\$/sh)	2.71
Note: Estimated cash flow and	earnings tied to	one year futures prices for oil	

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Reported results may vary widely from estimates. Estimated present value per share revised only infrequently. Estimated present value presumes a long-term price for oil of US\$66 a barrel and natural gas, \$11 a million btu. For historical analysis of TOT since 2004 see www.mcdep.com/1tot.htm

## **Summary and Recommendation**

Buy-recommended **Total** (**TOT**) offers unlevered appreciation potential of 9% to estimated net present value (NPV) of \$89 a share competitive with peer mega caps and diversified from the U.S. dollar. In third quarter results released today, the Euro champion outperformed with modest volume growth (see table <u>Next Twelve Months</u> <u>Operating and Financial Estimates</u>). Projected cash flow capitalized at unlevered multiples (PV/Ebitda) related to reserve life (Adjusted R/P) supports NPV (see table <u>Functional Cash Flow and Present Value</u>). The French giant leads traditional mega cap oil companies with a 30% concentration on natural gas, the clean fuel that can continue to grow while oil becomes supply limited. Scarcer oil also makes the company's liquid production capability more valuable. A renewed rise in oil price may take six-year futures to another double as was the case from the end of 2004 to mid 2006, subject to short declines from time to time (see chart Six-Year Commodity Price Meter).

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## McDep Associates Independent Stock Idea

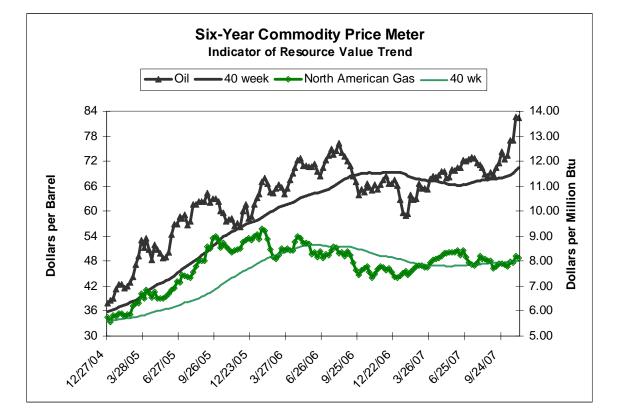
November 7, 2007

Next Twelve Months Operating and Financial Estimates									
									Next
	02	02	02	045	<b>V</b>	015	015	015	Twelve
	Q3 9/30/06	Q2 6/30/07	Q3 9/30/07	Q4E 12/31/07	Year 2007E	Q1E 3/31/08	Q2E 6/30/08	Q3E 9/30/08	Months 9/30/08
Volume	9/30/00	0/30/07	9/30/07	12/31/07	2007E	5/51/08	0/30/08	9/30/08	9/30/08
Natural Gas (mmcfd)	4.411	4,599	4,741	4,989	4,778	4,781	4.599	4,741	4,791
· · · · ·	4,411 92	4,399	4,741	4,989	4,778	4,781	4,399	4,741	4,791
Days Oil (mbd)	92 1,485	1.475	92 1,481	92 1,481	305 1,497	1,481	1,481	92 1,481	
Total gas & oil (mmb)	204	204	209	213	837	207	205	209	1,481 834
0	2,220								
Total gas & oil (mbd) Price	2,220	2,242	2,271	2,313	2,293	2,278	2,248	2,271	2,280
	1.07	1.25	1 27	1.45	1.27	1 45	1 45	1.45	1.45
Dollar (euro/\$)	1.27	1.35	1.37	1.45	1.37	1.45	1.45	1.45	1.45
Natural gas (\$/mmbtu) Oil (\$/bbl)	5.59	5.75	5.59	6.16	5.80	5.69	5.75	5.59	5.80
WTI Cushing	70.42	64.91	75.48	91.29	72.44	92.23	89.70	87.47	90.17
Brent	69.50	68.80	74.70	90.35	72.91	91.28	88.77	86.57	71.74
Company	65.40	65.70	71.40	86.36	69.23	87.25	84.85	82.75	85.30
Total gas & oil (\$/bbl)	54.85	55.03	58.23	68.59	57.27	68.67	67.68	65.63	67.64
NY Harbor 3-2-1 (\$/bbl)	11.67	24.96	12.64	7.78	14.26	10.51	14.94	14.82	12.01
Europe (\$/t)	28.70	42.80	23.90	13.95	28.41	18.84	26.79	26.57	21.54
Revenue (mmeuro)									
Natural gas	1,780	1,783	1,774	1,950	7,374	1,707	1,660	1,682	6,998
Oil	7,012	6,532	7,077	8,115	27,582	8,109	7,887	7,775	31,886
Total production	8,792	8,315	8,851	10,065	34,956	9,817	9,546	9,457	38,884
Other	24,736	25,184	25,100	25,100	99,335	25,100	25,100	25,100	100,400
Total	33,528	33,499	33,951	35,165	134,292	34,917	34,646	34,557	139,284
Expense									
Production	4,146	3,551	3,980	4,587	15,365	4,488	4,352	4,308	17,735
Other	22,979	23,452	23,779	23,548	92,961	23,331	23,368	23,779	94,026
Ebitda (mmeuro)					<i>,</i>				,
Production	4,646	4,764	4,871	5,535	19,649	5,399	5,250	5,201	21,386
Other	1,757	1,732	1,321	1,552	6,374	1,769	1,732	1,321	6,374
Total Ebitda	6,403	6,496	6,192	7,087	26,023	7,168	6,982	6,522	27,760
Exploration	159	255	135	135	739	135	135	135	540
Deprec., Deplet., & Amort.	1,299	1,365	1,310	1,310	5,285	1,310	1,310	1,310	5,240
Excess tax and other	(1,407)	(880)	(1,023)	y	-,	y	,	y	-,
<b>Operating Income</b>		(/	( ) /						
Upstream	5,000	4,440	4,861						
Downstream	1,002	1,004	566						
Chemicals	350	312	343						
Total operating income	6,352	5,756	5,770						
Excess tax and other	1,407	880	1,023						
Ebit	4,945	4,876	4,747	5,642	19,999	5,723	5,537	5,077	21,980
Interest	164	110	131	131	508	131	131	131	524
Ebt	4,781	4,766	4,616	5,511	19,491	5,592	5,406	4,946	21,456
Income Tax	1,673	1,668	1,616	1,929	6,822	1,957	1,892	1,731	7,510
Net Income (mmeuro)	3,108	3,098	3,000	3,582	12,669	3,635	3,514	3,215	13,947
Shares (millions)	2,302	2,278	2,273	2,273	2,276	2,273	2,273	2,273	2,273
Per share (euro)	1.35	1.36	1.32	1.58	5.57	1.60	1.55	1.41	6.14
Ebitda Margin (E&P)	53%	57%	55%	55%	5.57 56%	55%	55%	55%	0.14 55%
0,,,,									55% 35%
Tax Rate	35%	35%	35%	35%	35%	35%	35%	35%	35%

Total S.A. Next Twelve Months Operating and Financial Estimates

				Present			
	NTM Ebitda	Adjusted	PV/	Value			
	<u>(US\$mm)</u>	<u>R/P</u>	<u>Ebitda</u>	<u>(US\$mm)</u>			
Rest of World Natural Gas	10.860	10.9	6.5	71.000	30%		
Oil	20,190	8.9	5.9	119,000	50%		
Downstream	9,250		5.0	46,000	19%		
	40,300	9.6	5.9	236,000	100%		
Debt (US\$mm)					34,000		
Net Present Value (US\$mm)					202,000		
Shares (mm)					2,273		
Net Present Value - Standard Estimate (US\$/sh)							
NPV Approximation by Cash Flow Multiple Depending on Reserve Life (US\$/sh)							

#### Total Functional Cash Flow and Present Value



## McDep Associates Independent Stock Idea November 7, 2007

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