

**Table 4-6. Emission Reduction and Cost-effectiveness Summary
for Completion Combustion Devices**

Well Completion Category	Emission Reduction Per Completion/Workover (tons/year) ^a			Total Capital Cost Per Completion Event (\$)*	VOC Cost Effectiveness	Methane Cost Effectiveness
	VOC	Methane	HAP		(\$/ton) ^b	(\$/ton)
Natural Gas Well Completions without Hydraulic Fracturing	0.11	0.76	0.0081	3,523	31,619	4,613
Natural Gas Well Completions with Hydraulic Fracturing	21.9	150.6	1.597		160	23
Oil Well Completions	0.01	0.007	0.0000007		520,580	488,557
Natural Gas Well Re Completions without Hydraulic Fracturing	0.007	0.051	0.0005		472,227	68,889
Natural Gas Well Re Completions with Hydraulic Fracturing	21.9	150.6	1.597		160	23
Oil Well Re Completions	0.00	0.001	0.0000001		3,134,431	2,941,615

Minor discrepancies may be due to rounding.

- a. This assumes one combustion device will control one completion event per year. This should be considered a conservative estimate, since it is likely multiple completion events will be controlled with the same combustion unit in any given year. Costs are stated in 2008 dollars.