

**Table 4.1 Technically Recoverable Crude Oil, Natural Gas, and Natural Gas Liquids Resource Estimates, 2003**

Region	Crude Oil (billion barrels)			Natural Gas (Dry) (trillion cubic feet)			Natural Gas Liquids (billion barrels)		
	Federal Lands <sup>1</sup>	Non-Federal Lands	Total	Federal Lands <sup>1</sup>	Non-Federal Lands	Total	Federal Lands <sup>1</sup>	Non-Federal Lands	Total
<b>Undiscovered Conventionally Reservoired Fields <sup>2</sup></b>	<b>82.54</b>	<b>22.51</b>	<b>105.05</b>	<b>420.14</b>	<b>261.78</b>	<b>681.92</b>	<b>1.80</b>	<b>6.25</b>	<b>8.05</b>
Alaska Onshore and State Offshore <sup>3</sup>	3.75	4.68	8.43	33.97	95.37	129.34	0.54	0.61	1.15
Alaska Federal Offshore <sup>4</sup>	24.90	—	24.90	122.60	—	122.60	0.00	—	0.00
48 States Onshore and State Offshore <sup>3</sup>	3.79	17.83	21.62	23.97	166.41	190.38	1.26	5.64	6.90
48 States Federal Offshore <sup>4</sup>	50.10	—	50.10	239.60	—	239.60	0.00	—	0.00
<b>Discovered Conventionally Reservoired Fields <sup>2</sup></b>									
<b>(Ultimate Recovery Appreciation) <sup>5</sup></b>	<b>22.03</b>	<b>45.67</b>	<b>67.70</b>	<b>186.70</b>	<b>203.30</b>	<b>390.00</b>	<b>4.94</b>	<b>8.46</b>	<b>13.40</b>
U.S. Onshore and State Offshore <sup>3</sup>	14.33	45.67	60.00	118.70	203.30	322.00	4.94	8.46	13.40
U.S. Federal Offshore <sup>4</sup>	7.70	—	7.70	68.00	—	68.00	0.00	—	0.00
<b>Undiscovered Unconventionally Reservoired Fields <sup>6</sup></b>									
<b>(Continuous-Type Deposits (all onshore))</b>	<b>0.32</b>	<b>1.75</b>	<b>2.07</b>	<b>143.16</b>	<b>215.55</b>	<b>358.71</b>	<b>1.45</b>	<b>0.67</b>	<b>2.12</b>
<b>U.S. Total</b>	<b>104.89</b>	<b>69.93</b>	<b>174.82</b>	<b>750.00</b>	<b>680.63</b>	<b>1,430.63</b>	<b>8.19</b>	<b>15.38</b>	<b>23.57</b>
U.S. Onshore and State Offshore <sup>3</sup>	22.19	69.93	92.12	319.80	680.63	1,000.43	8.19	15.38	23.57
Federal Offshore <sup>4</sup>	82.70	—	82.70	430.20	—	430.20	0.00	—	0.00

<sup>1</sup> Lands owned or under the jurisdiction of the Federal government, excluding Indian and Native lands even when Federally managed in trust.

<sup>2</sup> Conventionally reservoired deposits are discrete subsurface accumulations of crude oil or natural gas usually defined, controlled, or limited by hydrocarbon/water contacts.

<sup>3</sup> Onshore (Federal and State) plus State offshore waters (near-shore, shallow-water areas under State jurisdiction).

<sup>4</sup> Federal offshore jurisdictions (Outer Continental Shelf and deeper water areas seaward of State offshore).

<sup>5</sup> "Proved Reserves" (see Table 4.2) are not included in these estimates. Ultimate recovery appreciation (reserve growth) is the volume by which the estimate of total recovery from a known crude oil or natural gas reservoir or aggregation of such reservoirs is expected to increase during the time between discovery and permanent abandonment. The estimates of ultimate recovery appreciation for onshore and State offshore lands were imputed by assuming that the total estimates reported by the U.S. Geological Survey could be apportioned according to the ratio of 1996 production from onshore Federal lands to total U.S. production.

<sup>6</sup> Unconventionally reservoired deposits (continuous-type accumulations) are geographically extensive subsurface accumulations of crude oil or natural gas that generally lack well-defined hydrocarbon/water contacts. Examples include coalbed methane, "tight gas," and auto-sourced oil- and gas-shale reservoirs.

— = Not applicable.

Notes: • Resource estimates are as of the latest estimates generated by the U.S. Department of the Interior, U.S. Geological Survey (USGS) and the Minerals Management Service (MMS). They were not necessarily generated in the current year. • For purposes of comparison, the Potential Gas Committee, an industry-sponsored group of experts, biennially provides another geologically-based estimate of the Nation's natural gas resources. The latest mean estimate, published in "Potential Supply of Natural Gas in the United States," December 31, 2002, is 1,127 trillion cubic feet. This volume includes undiscovered conventionally reservoired deposits, expected ultimate recovery appreciation, coalbed methane, and tight gas where it is believed to be technically recoverable and marketable at reasonable costs. • A value of zero indicates either that none exists in this area or that no estimate of this resource has been made for this area. • "48 States" is the United States excluding Alaska and Hawaii.

Web Page: See [http://www.eia.doe.gov/oil\\_gas/petroleum/info\\_glance/petroleum.html](http://www.eia.doe.gov/oil_gas/petroleum/info_glance/petroleum.html) for related information.

Source: Energy Information Administration, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves 2002 Annual Report* (December 2003), Table G1, which in turn is based on the latest resource estimates generated by the U.S. Department of the Interior, U.S. Geological Survey and the Minerals Management Service.