# Table 4.3 Crude Oil, Natural Gas, and Natural Gas Liquids Proved Reserves, Selected Years, 1949-2006

| Year | Crude Oil [1] | Natural Gas (Dry) | | Natural Gas Liquids [1] | | Total |
|---|---|---|---|---|---|---|
| | Billion Barrels | Trillion Cubic Feet [2] | Billion Barrels COE [3] | Billion Barrels | Billion Barrels COE [3] | Billion Barrels COE [3] |
| **American Petroleum Institute and American Gas Association Data** | | | | | | |
| 1949 | 24.6 | 179.4 | 32.0 | 3.7 | 3.1 | 59.7 |
| 1950 | 25.3 | 184.6 | 32.9 | 4.3 | 3.5 | 61.7 |
| 1955 | 30.0 | 222.5 | 39.7 | 5.4 | 4.4 | 74.1 |
| 1960 | 31.6 | 262.3 | 46.8 | 6.8 | 5.4 | 83.8 |
| 1965 | 31.4 | 286.5 | 51.0 | 8.0 | 6.3 | 88.6 |
| 1970 | 39.0 | 290.7 | 51.7 | 7.7 | 5.9 | 96.6 |
| 1971 | 38.1 | 278.8 | 49.6 | 7.3 | 5.5 | 93.2 |
| 1972 | 36.3 | 266.1 | 47.1 | 6.8 | 5.1 | 88.5 |
| 1973 | 35.3 | 250.0 | 44.0 | 6.5 | 4.8 | 84.1 |
| 1974 | 34.2 | 237.1 | 41.9 | 6.4 | 4.7 | 80.8 |
| 1975 | 32.7 | 228.2 | 40.2 | 6.3 | 4.6 | 77.5 |
| 1976 | 30.9 | 216.0 | 38.0 | 6.4 | 4.7 | 73.6 |
| 1977 | 29.5 | 208.9 | 36.8 | 6.0 | 4.4 | 70.6 |
| 1978 | 27.8 | 200.3 | 35.2 | 5.9 | 4.3 | 67.3 |
| 1979 | 27.1 | 194.9 | 34.3 | 5.7 | 4.1 | 65.5 |
| **Energy Information Administration Data** | | | | | | |
| 1977 | 31.8 | 207.4 | 36.5 | NA | NA | NA |
| 1978 | 31.4 | 208.0 | 36.5 | 6.8 | 5.0 | 73.0 |
| 1979 | 29.8 | 201.0 | 35.4 | 6.6 | 4.9 | 70.1 |
| 1980 | 29.8 | 199.0 | 35.2 | 6.7 | 5.0 | 70.0 |
| 1981 | 29.4 | 201.7 | 35.7 | 7.1 | 5.2 | 70.4 |
| 1982 | 27.9 | 201.5 | 35.7 | 7.2 | 5.3 | 68.8 |
| 1983 | 27.7 | 200.2 | 35.6 | 7.9 | 5.7 | 69.0 |
| 1984 | 28.4 | 197.5 | 35.1 | 7.6 | 5.5 | 69.0 |
| 1985 | 28.4 | 193.4 | 34.4 | 7.9 | 5.6 | 68.5 |
| 1986 | 26.9 | 191.6 | 34.0 | 8.2 | 5.8 | 66.7 |
| 1987 | 27.3 | 187.2 | 33.3 | 8.1 | 5.8 | 66.3 |
| 1988 | 26.8 | 168.0 | 29.8 | 8.2 | 5.8 | 62.4 |
| 1989 | 26.5 | 167.1 | 29.7 | 7.8 | 5.5 | 61.7 |
| 1990 | 26.3 | 169.3 | 30.0 | 7.6 | 5.4 | 61.7 |
| 1991 | 24.7 | 167.1 | 29.7 | 7.5 | 5.3 | 59.6 |
| 1992 | 23.7 | 165.0 | 29.3 | 7.5 | 5.2 | 58.3 |
| 1993 | 23.0 | 162.4 | 28.8 | 7.2 | 5.1 | 56.8 |
| 1994 | 22.5 | 163.8 | 29.0 | 7.2 | 5.0 | 56.5 |
| 1995 | 22.4 | 165.1 | 29.2 | 7.4 | 5.2 | 56.8 |
| 1996 | 22.0 | 166.5 | 29.4 | 7.8 | 5.5 | 56.9 |
| 1997 | 22.5 | 167.2 | 29.6 | 8.0 | 5.6 | 57.7 |
| 1998 | 21.0 | 164.0 | 29.2 | 7.5 | 5.3 | 55.5 |
| 1999 | 21.8 | 167.4 | 29.6 | 7.9 | 5.5 | 56.9 |
| 2000 | 22.0 | 177.4 | 31.4 | 8.3 | 5.8 | 59.2 |
| 2001 | 22.4 | 183.5 | 32.5 | 8.0 | 5.6 | 60.5 |
| 2002 | 22.7 | 186.9 | 33.1 | 8.0 | 5.6 | 61.3 |
| 2003 | 21.9 | 189.0 | 33.6 | 7.5 | 5.2 | 60.7 |
| 2004 | 21.4 | 192.5 | 34.1 | 7.9 | 5.5 | 60.9 |
| 2005 | 21.8 | 204.4 | 36.3 | 8.2 | 5.6 | 63.6 |
| 2006 | 20.8 | 211.1 | 37.4 | 8.5 | 5.8 | 64.0 |

[1] To the extent that lease condensate is measured or estimated it is included in "Natural Gas Liquids"; otherwise, lease condensate is included in "Crude Oil."

[2] The American Gas Association estimates of natural gas proved reserves include volumes of natural gas held in underground storage. In 1979, this volume amounted to 4.9 trillion cubic feet. Energy Information Administration (EIA) data do not include natural gas in underground storage.

[3] Natural gas is converted to crude oil equivalent (COE) by multiplying by the natural gas dry production approximate heat content (see Table A4) and then dividing by the crude oil production approximate heat content (see Table A2). The lease condensate portion of natural gas liquids is converted to COE by multiplying by the lease condensate production approximate heat content (5.5 million Btu per barrel) and then dividing by the crude oil production approximate heat content. Other natural gas liquids are converted to COE by multiplying by the natural gas plant liquids production approximate heat content (see Table A2) and then dividing by the crude oil production approximate heat content.

NA=Not available.

Notes: • Data are at end of year. • See "Proved Reserves, Crude Oil," "Proved Reserves, Natural Gas," and "Proved Reserves, Natural Gas Liquids" in Glossary.

Web Pages: • For all data beginning in 1949, see http://www.eia.doe.gov/emeu/aer/resource.html. • For related information, see http://www.eia.doe.gov/oil_gas/petroleum/info_glance/petroleum.html

Sources: **American Petroleum Institute and American Gas Association Data:** American Petroleum Institute, American Gas Association, and Canadian Petroleum Association (published jointly), *Reserves of Crude Oil, Natural Gas Liquids and Natural Gas in the United States and Canada as of December 31, 1979,* Volume 34 (June 1980). **Energy Information Administraton Data:** • 1977-1995—EIA, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves,* annual reports. • 1996 forward—EIA, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves 2006 Annual Report* (December 2007), Table 1.