

Supplementary information on oil and natural gas quantities

Movements in estimated net proved reserves as reported in the 2003 Annual Report and Accounts, with additional geographic detail

2003

Crude oil^a
million barrels

Natural gas^a
billion cubic feet

| | UK | Rest of Europe | USA | Rest of Americas | Asia Pacific | Africa | Russia | Other | Total | UK | Rest of Europe | USA | Rest of Americas | Asia Pacific | Africa | Russia | Other | Total | |
|--|-------|----------------|-------|------------------|--------------|--------|--------|-------|---------------------|-------|----------------|----------------------|------------------|--------------|---------|--------|-------|---------------------|--|
| Subsidiary | | | | | | | | | | | | | | | | | | | |
| At 1 January 2003 | | | | | | | | | | | | | | | | | | | |
| Developed | 858 | 250 | 2,225 | 573 | 125 | 179 | – | 125 | 4,335 | 3,215 | 216 | 12,102 | 4,637 | 2,528 | 815 | – | 260 | 23,773 | |
| Undeveloped | 269 | 99 | 1,336 | 198 | 54 | 723 | – | 748 | 3,427 | 651 | 44 | 2,259 | 13,128 | 2,747 | 3,176 | – | 66 | 22,071 | |
| | 1,127 | 349 | 3,561 | 771 | 179 | 902 | – | 873 | 7,762 | 3,866 | 260 | 14,361 | 17,765 | 5,275 | 3,991 | – | 326 | 45,844 | |
| Changes attributable to: | | | | | | | | | | | | | | | | | | | |
| Revisions of previous estimates | 5 | (3) | (246) | (28) | 33 | 57 | – | 25 | (157) | (64) | 27 | (777) | (801) | (81) | 9 | – | 19 | (1,668) | |
| Purchases of reserves-in-place | – | – | – | 42 | – | – | – | – | 42 | – | – | 1 | 85 | – | – | – | – | 86 | |
| Extensions, discoveries and other additions | 6 | 16 | 240 | 1 | – | 402 | – | 36 | 701 | 397 | 1,213 | 293 | 64 | – | – | – | 764 | 2,731 | |
| Improved recovery | 38 | 5 | 84 | 42 | – | – | – | 3 | 172 | 72 | 1 | 2,083 | 262 | – | – | – | 28 | 2,446 | |
| Production ^b | (138) | (30) | (237) | (71) | (22) | (43) | – | (21) | (562) | (528) | (43) | (1,224) ^c | (792) | (283) | (92) | – | (74) | (3,036) | |
| Sales of reserves-in-place | (144) | (19) | (164) | (13) | (24) | (145) | – | – | (509) | (253) | (33) | (900) | (12) | – | (1,229) | – | – | (2,427) | |
| | (233) | (31) | (323) | (27) | (13) | 271 | – | 43 | (313) | (376) | 1,165 | (524) | (1,194) | (364) | (1,312) | – | 737 | (1,868) | |
| At 31 December 2003 | | | | | | | | | | | | | | | | | | | |
| Developed | 678 | 231 | 1,885 | 378 | 83 | 206 | – | 115 | 3,576 | 2,673 | 214 | 11,290 | 4,087 | 1,923 | 651 | – | 235 | 21,073 | |
| Undeveloped | 216 | 87 | 1,353 | 366 | 83 | 967 | – | 801 | 3,873 | 817 | 1,211 | 2,547 | 12,484 | 2,988 | 2,028 | – | 828 | 22,903 | |
| | 894 | 318 | 3,238 | 744 | 166 | 1,173 | – | 916 | 7,449 | 3,490 | 1,425 | 13,837 | 16,571 | 4,911 | 2,679 | – | 1,063 | 43,976 | |
| Equity-accounted entities (BP share) | | | | | | | | | | | | | | | | | | | |
| At 1 January 2003 | | | | | | | | | | | | | | | | | | | |
| Developed | – | – | – | 173 | 1 | – | 252 | 752 | 1,178 | – | – | – | 1,282 | 160 | – | – | 64 | 1,506 | |
| Undeveloped | – | – | – | 139 | 6 | – | 49 | 31 | 225 | – | – | – | 855 | 538 | – | – | 46 | 1,439 | |
| | – | – | – | 312 | 7 | – | 301 | 783 | 1,403 | – | – | – | 2,137 | 698 | – | – | 110 | 2,945 | |
| Changes attributable to: | | | | | | | | | | | | | | | | | | | |
| Revisions of previous estimates | – | – | – | 3 | – | – | – | 2 | 5 | – | – | – | 190 | 17 | – | 47 | (21) | 233 | |
| Purchases of reserves-in-place | – | – | – | – | – | – | 1,600 | – | 1,600 | – | – | – | – | – | – | – | – | – | |
| Extensions, discoveries and other additions | – | – | – | 6 | – | – | – | – | 6 | – | – | – | 12 | – | – | – | – | 12 | |
| Improved recovery | – | – | – | 42 | – | – | – | – | 42 | – | – | – | 35 | – | – | – | – | 35 | |
| Production | – | – | – | (23) | (1) | – | (107) | (53) | (184) | – | – | – | (114) | (26) | – | (47) | (3) | (190) | |
| Sales of reserves-in-place | – | – | – | – | (5) | – | – | – | (5) | – | – | – | – | (482) | – | – | – | (482) | |
| | – | – | – | 28 | (6) | – | 1,493 | (51) | 1,464 | – | – | – | 123 | (491) | – | – | (24) | (392) | |
| At 31 December 2003 | | | | | | | | | | | | | | | | | | | |
| Developed | – | – | – | 206 | 1 | – | 1,384 | 705 | 2,296 | – | – | – | 1,437 | 130 | – | – | 58 | 1,625 | |
| Undeveloped | – | – | – | 134 | – | – | 410 | 27 | 571 | – | – | – | 823 | 77 | – | – | 28 | 928 | |
| | – | – | – | 340 | 1 | – | 1,794 | 732 | 2,867 | – | – | – | 2,260 | 207 | – | – | 86 | 2,553 | |
| Total group and BP share of equity-accounted entities^d | 894 | 318 | 3,238 | 1,084 | 167 | 1,173 | 1,794 | 1,648 | 10,316 ^e | 3,490 | 1,425 | 13,837 | 18,831 | 5,118 | 2,679 | – | 1,149 | 46,529 ^e | |

^a Crude oil includes natural gas liquids and condensate. Net proved reserves of crude oil and natural gas exclude production royalties due to others, whether royalty is payable in cash or in kind.

^b Excludes NGLs (natural gas liquids) from processing plants in which an interest is held of 70 thousand barrels a day.

^c Includes 69 billion cubic feet of natural gas consumed in Alaskan operations.

^d Includes 152 million barrels of crude oil and 4,505 billion cubic feet of natural gas in respect of the 30% minority interest in BP Trinidad and Tobago LLC and the 5.4% minority interest in TNK-BP.

^e Total proved estimated oil and gas reserves 18,338 mmbob. Natural gas is converted to oil equivalent at 5.8 billion cubic feet (bcf) = 1 million barrels.