

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB Approval
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SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 16)*

Imperial Oil Limited

(Name of Issuer)

Common Shares

(Title of Class of Securities)

453 038 200

(CUSIP Number)

December 31, 2006

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
Rule 13d-1(c)
 Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 453 038 200

- | | |
|--|-------------------------|
| 1. Names of Reporting Persons. | Exxon Mobil Corporation |
| I.R.S. Identification Nos. of above persons (entities only). | 13-5409005 |
| 2. Check the Appropriate Box if a Member of a Group (See Instructions) | |
| (a) N/A | |
| (b) N/A | |
| 3. SEC Use Only | |
| 4. Citizenship or Place of Organization | New Jersey |
| Number of Shares Beneficially Owned by Each Reporting Person With: | |
| 5. Sole Voting Power | 663,279,122 |
| 6. Shared Voting Power | 0 |
| 7. Sole Dispositive Power | 663,279,122 |
| 8. Shared Dispositive Power | 0 |

- | | | |
|-----|---|-------------|
| 9. | Aggregate Amount Beneficially Owned by Each Reporting Person | 663,279,122 |
| 10. | Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) | N/A |
| 11. | Percent of Class Represented by Amount in Row (9) | 69.6% |
| 12. | Type of Reporting Person (See Instructions) | CO |

Item 1.

Item 2.

Item 3. If this statement is filed pursuant to 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person is a:

Item 4. Ownership

- | | |
|-------|-------------|
| (a) | 663,279,122 |
| (b) | |
| (c) | |
| (i) | 663,279,122 |
| (ii) | |
| (iii) | 663,279,122 |
| (iv) | |

Item 5. Ownership of Five Percent or Less of a Class

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company

Item 8. Identification and Classification of Members of the Group

Item 9. Notice of Dissolution of Group

Item 10. Certification

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

02/12/2007

Date

D. D. Humphreys

Signature

D. D. Humphreys, Senior Vice President & Treasurer

Name/Title

Issuer - Imperial Oil Limited
Reporting Person - Exxon Mobil Corporation

Exhibit 99
Schedule 13G
Amendment 16
December 31, 2006

The number of shares reported on this Schedule 13-G reflects a 3 - 1 stock split declared by the issuer on February 2, 2006. The split was approved by the shareholders on May 2, 2006 and effective on May 23, 2006.