BHP BILLITON LTD
Form 6-K
May 05, 2006

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

Form 6

-K

REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934

May 4, 2006

BHP Billiton

Limited

---------- (Translation of registrant's name into English) 180 Lonsdale Street Melbourne VIC 3000 Australia

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(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F: [x] Form 20-F [ ] Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): [ ]

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): [ ]

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934: [ ] Yes [x] No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): n/a

Issued by: BHP Billiton Plc

To:
London Stock Exchange
Australian Stock Exchange

Cc:
New York Stock Exchange
JSE Limited
Swiss Stock Exchange
Deutsche Bank
UBS Zurich

Date: 4 May 2006

For Release: Immediately

Contact: Elizabeth Hobley, Deputy Secretary
Tel: +44 (0) 20 7802 4054

BHP BILLITON PLC - TRANSACTION IN OWN SHARES

BHP Billiton Plc announces that on 4 May 2006 it purchased 820,000 of its ordinary shares at an average price of 1142.3560 pence per ordinary share. It is intended that all of the purchased shares will be held as treasury shares.

Following the above purchase, BHP Billiton Plc holds 8,070,000 of its ordinary shares as treasury shares. The total number of ordinary shares in issue (excluding shares held as treasury shares) is 2,460,077,002.

For further information, please contact:

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

BHP Billiton Limited

Date: 4 May 2006

By: Karen Wood

Name: Karen Wood
Title: Company Secretary