

FORM 6-K
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Report of Foreign Private Issuer

**Pursuant to Rule 13a-16 or 15d-16
of the Securities Exchange Act of 1934**

For the month of September 2012
Commission File Number 1-31318

Gold Fields Limited

(Translation of registrant's name into English)

150 Helen Rd.
Sandown, Sandton 2196
South Africa
(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F...x... 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 by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No ..x...

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82- _____

Gold Fields Limited
 (Reg. No. 1968/004880/06)
 (Incorporated in the Republic of South Africa)
 ("Gold Fields" or "the Company")

JSE, NYSE, DIFX Share Code: GFI
 ISIN Code: ZAE000018123

DEALING IN SECURITIES BY DIRECTORS OF MAJOR SUBSIDIARIES

In compliance with paragraphs 3.63 to 3.74 of the Listings Requirements of JSE Limited ("the Listings Requirements") we hereby advise that Mr PL Turner, a director of GFI Mining South Africa (Pty) Ltd and Mr JL Kruger, a director of Gold Fields La Cima S.A, have retained some or all and/or sold their shares (Performance Vesting Restricted Shares ("PVRs") which were awarded to them in terms of The Gold Fields Limited 2005 Share Plan, as amended.

Details of the transaction are set out below:

	J L Kruger
Nature of transaction	Off market purchase and on market sale of shares in terms of the above scheme
Transaction Date	03 September 2012
Number of Shares	11275
Class of Security	Ordinary shares
Market Price per Share	R101.4904
Total Value	R1,144,304.26
Vesting Period	The award vests on the third anniversary following the grant date.
Nature of interest	Direct and Beneficial
	PL Turner
Nature of transaction	Off market purchase and on market sale of shares in terms of the above scheme
Transaction Date	03 September 2012
Number of Shares	6548
Class of Security	Ordinary shares
Market Price per share	R101.4904
Total Value	R664,559.14
Vesting Period	The award vests on the third anniversary following the grant date.
Nature of interest	Direct and Beneficial
	PL Turner
Nature of transaction	Off market acquisition of shares in terms of the above scheme.
Transaction Date	03 September 2012
Number of Shares	9425
Class of Security	Ordinary shares
Market Price per share	R99.8500

Total Value	R941,086.25
Vesting Period	The award vests on the third anniversary following the grant date.
Nature of interest	Direct and Beneficial

In terms of paragraph 3.66 of the Listings requirements the necessary clearance to deal in the above securities has been obtained.

05 September 2012

Sponsor:

JP Morgan Equities Limited

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.

GOLD FIELDS LIMITED

Date: 5 September 2012

By:

A handwritten signature in dark ink, appearing to read "Willie Jacobsz", written in a cursive style.

Name: Mr W J Jacobsz

Title: Senior Vice President: Investor
Relations and Corporate Affairs