

GOLD FIELDS LTD

Form 6-K

August 23, 2010

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 August 2010

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 A DIRECTOR

In compliance with paragraphs 3.63 to 3.74 of the Listings Requirements of JSE Limited ("the Listings Requirements") we hereby advise that Mr. VP Pillay, a director of major subsidiaries of Gold Fields Limited, has retained all of the shares (Performance Vesting Restricted Shares ("PVRs")) which have settled to him in terms of The Gold Fields Limited 2005 Share Plan, as amended.

Details of the transactions are set out below:

VP Pillay

Nature of transaction

Off market acquisition of shares in terms of the above scheme

Transaction Date

20 August 2010

Number of Shares

1,946

Class of Security

Ordinary shares

Deemed Price per Share

R103.30

Deemed Total Value

R201,021.80

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.

20 August 2010

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.

Date: 20 August 2010

GOLD FIELDS LIMITED

By:

Name: Mr W J Jacobsz

Title: Senior Vice President: Investor
Relations and Corporate Affairs