

GOLD FIELDS LTD

Form 6-K

June 25, 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 June 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 paragraph 3.63 of the Listings Requirements of JSE Limited ("the Listings Requirements") we hereby advise that Mr K Ansah, an Independent non-executive director of Gold Fields Limited, has sold his shares (Performance Vesting Restricted Shares ("PVRs")) which were awarded to him in terms of The Gold Fields Limited 2005 non-executive Share Plan.

Details of the transactions are set out below:

Nature of transaction

On market sale of shares

Transaction Date

25 June 2010

Number of Shares

1,900

Class of Security

Ordinary shares

Price per Share

103.06

Total Value

R195,814.00

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 clearance for Mr K Ansah to deal in the above securities has been obtained.

25 June 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: 25 June 2010

GOLD FIELDS LIMITED

By:

Name: Mr W J Jacobsz

Title: Senior Vice President: Investor

Relations and Corporate Affairs