

**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.

**GOLD FIELDS LIMITED**

Date: 25 June 2010

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