

HARMONY GOLD MINING CO LTD

Form 6-K

February 22, 2010

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

For

22 February 2010

Harmony Gold Mining Company

Limited

Randfontein Office Park

Corner Main Reef Road and Ward Avenue

Randfontein, 1759

South Africa

(Address of principal executive offices)

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

Form 20-F Form 40-F

(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 No

**Issued by Harmony Gold
Mining Company Limited**

22 February 2010

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or

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**JSE: HAR
NYSE: HMY
NASDAQ: HMY
ISIN No.: ZAE000015228**

Harmony's acquisition of Pamodzi Gold's Free State assets completed

Johannesburg, Monday, 22 February 2010. Harmony Gold Mining Company Limited (Harmony) is pleased to announce that all conditions precedent relating to its acquisition of the Pamodzi Gold Free State (Proprietary) Limited's assets (Pamodzi Gold's Free State assets), have been fulfilled and that the deal has now become unconditional.

During the past few months, Harmony conducted pre-production work at the shafts, to make these operations safe and return them to production. Production at Steyn 2 and Loraine 3 shafts will now commence and more work is being done to underground workings at Steyn 1 shaft. Production at these 3 shafts for the first 12 months is estimated at 100 000 oz at an average recovered grade of 5.5g/t and at a cash cost in the order of R218 000/kg. Production will then increase to 150 000 oz for the second 12 months at a cash cost of about R160 000/kg.

The plant clean-up began in December 2009, and 800kg of gold is expected to be recovered over the next 18 months. Milling of rock from the Freddie's 9 waste dump at a throughput of 35 000tpm and a recovered grade of 0.55g/t has commenced. This rock is processed at Harmony's Target plant. Harmony has re-employed 1000 employees and we expect the total number of employees to increase to approximately 2,500 over the next two years.

Harmony CEO Graham Briggs said: "We are pleased that the deal has been successfully concluded. Our teams are now working hard to ensure that these shafts remain safe and are productive. Our planning indicates promising results from these operations."

ends.

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.

Dated: February 22, 2010

Harmony Gold Mining Company Limited

By:

/s/

Hannes Meyer

Name:

Hannes Meyer

Title: Financial Director