

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16 OF
THE SECURITIES EXCHANGE ACT OF 1934

Report on Form 6-K dated February 23, 2015

Commission File Number 1-14846

AngloGold Ashanti Limited

(Name of registrant)

76 Jeppe Street

Newtown, 2001

(P.O. Box 62117, Marshalltown, 2107)

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 if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Yes No

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):

Yes No

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

Enclosure: Press release **News Release - AGA Results for the Fourth Quarter 2014**



AngloGold Ashanti Limited
(Incorporated in the Republic of South Africa)
Reg. No. 1944/017354/06)

ISIN No. ZAE000043485 – JSE share code: ANG
CUSIP: 035128206 – NYSE share code: AU

23 February 2015

NEWS RELEASE

AngloGold Output Rises for 2nd Straight Year; Costs Fall 13%

(JOHANNESBURG – PRESS RELEASE) -- AngloGold Ashanti today posted its second consecutive growth in annual production alongside a 13% improvement in all-in sustaining costs, as it continued to focus on portfolio improvements and capital discipline.

Production rose 8% to 4.44Moz at an all-in sustaining cost of \$1,026/oz in the 12 months through December 31, 2014, from 4.10Moz at \$1,174/oz the previous year. The result compared with guidance of 4.2Moz to 4.5Moz at an all-in-sustaining cost of \$1,025/oz to \$1,075/oz. All-in sustaining cost is a measure that captures direct operating costs, corporate and exploration expenditure and capital investment required to sustain the business.

“The second year of growth is gratifying but the real focus for us is on improving margins,” Chief Executive Officer Srinivasan Venkatakrishnan said. “Regardless of the gold price, we won’t relax the pressure on costs or hesitate to take out marginal production if needed.”

AngloGold Ashanti has over the past 24 months taken decisive action to cut overhead expenditure by two-thirds while improving the quality of its portfolio by bringing into production two new, low-cost mines, selling some assets, closing others and removing loss-making ounces from ongoing operations. All-in sustaining costs for 2014 are 18% lower than they were in 2012, while production is up 12% over the same period as Kibali and Tropicana have ramped up output.

Despite a 10% drop in the average gold price, the company’s adjusted earnings before interest, tax, depreciation and amortisation (EBITDA) remained steady at \$1.67bn, while free cash flow (excluding once-off retrenchment costs in Ghana and the Rand Refinery loan) improved to \$142m compared with an outflow of \$1.06bn the previous year. Net debt: adjusted EBITDA was 1.88 times at year-end, similar to the end of 2013 of 1.86 times, again despite the lower gold price, and the once off outflows referred to above.

The improved operational performance was achieved along with a record safety performance, with the fewest number of workplace fatalities in the company’s history and the successful evacuation of its Vaal River mines, with only minor injuries reported, after a magnitude 5.3 earthquake in August. The Continental Africa business finished the 12 months without a fatality, for the first time ever.

AngloGold Ashanti is pursuing a range of measures to generate cash from internal sources to reduce debt by about \$1bn over the medium term. These steps include pursuing additional savings from current operations, realising synergies from combining neighbouring mines and infrastructure in South Africa and potentially introducing partners in key areas, most notably projects in Colombia and in one of its operating assets.

“The shop is closed to bargain hunters,” Venkat said.

In addition, at the end of 2014 AngloGold Ashanti completed the transition of its loss-making Obuasi mine in Ghana to limited operations. Underground production has ceased and the focus is now on the feasibility study into the redevelopment of the high-grade ore body as a fully mechanised operation. The study is nearing completion, following which it will be optimised while discussions with the government and potential funding and operating partners will be held.

Fourth Quarter

AngloGold Ashanti recorded strong operating results in the fourth quarter, which topped market guidance despite safety-related interruptions which affected production from South Africa. Fourth quarter production of 1.156Moz was 2.5% better than the previous quarter and better than guidance of 1.1Moz-1.14Moz. Total cash costs of \$724/oz were 12% better than the preceding quarter, which averaged \$820/oz and well ahead of guidance of \$800/oz to \$820/oz.

Outlook

First Quarter

Production guidance for the first quarter is estimated to be between 900,000oz to 940,000oz at total cash costs of \$830/oz to \$860/oz, assuming average exchange rates against the US dollar of 11.60 (Rand), 2.60 (Brazil Real), 0.85 (Aus\$) and 9.50 (Argentina Peso), with oil at \$70/bl. This guidance takes into account the slow seasonal ramp-up in production following

the Christmas break, ongoing power disruptions and also interruptions to normal operations related to safety-related stoppages, all in South Africa.

Full-year

Production guidance for the year is now between 4.0Moz to 4.3Moz, reflecting the sale of the Navachab mine, reduction in production from Mali, cessation of underground production at Obuasi, only partially offset by the ramp-up in production from Cripple Creek & Victor starting after the first quarter.

Total cash costs are now anticipated to be \$770/oz to \$820oz, which factors in the average exchange rates against the US dollar of 11.60 (Rand), 2.60 (Brazil Real), 0.85 (Aus\$) and 9.50 (Argentina Peso), with oil at \$70/bl.

AISC are forecast at \$1,000/oz to \$1,050/oz. Capital expenditure for the full year are expected to be \$1,000m - \$1,100m. Corporate costs are now forecast at approximately \$95m - \$110m for the year, and Expensed exploration and study costs are forecast at \$155m to \$175m. Depreciation and amortisation are expected to be \$860m, while the cash flow impact of interest charges is expected at \$240m.

Ends

Particulars	2014	2013	Change
Gold price received (\$/oz)	1 264	1 401	(10%)
Gold production (koz)	4 436	4 105	8%
Total cash costs (\$/oz)	787	830	(5%)
Corporate & marketing costs (\$m)	92	201	(54%)
Exploration & evaluation costs (\$m)	144	255	(44%)
Capital expenditure (\$m)	1 209	1 993	(39%)
All-in-sustaining costs (\$/oz)	1 026	1 174	(13%)
All-in-costs (\$/oz)	1 148	1 466	(22%)
Cash inflow from operating activities (\$m)	1 220	1 246	(2%)
Adjusted EBITDA (\$m)	1 665	1 667	0%
Free cash inflow / (outflow) (\$m)	(112)	(1 058)	89%
Free cash inflow / (outflow) (\$m) – <i>excl. Obuasi redundancies and Rand Refinery Loan</i>	142	(1 058)	113%

23 February 2015

Johannesburg

JSE Sponsor: Deutsche Securities (SA) Proprietary Ltd

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Certain statements contained in this document, other than statements of historical fact, including, without limitation, those concerning the economic outlook for the gold mining industry, expectations regarding gold prices, production, cash costs, all-in sustaining costs, all-in costs, cost savings and other operating results, return on equity, productivity improvements, growth prospects and outlook of AngloGold Ashanti's operations, individually or in the aggregate, including the achievement of project milestones, commencement and completion of commercial operations of certain of AngloGold Ashanti's exploration and production projects and the completion of acquisitions, dispositions or joint venture transactions, AngloGold Ashanti's liquidity and capital resources and capital expenditures and the outcome and consequence of any potential or pending litigation or regulatory proceedings or environmental health and safety issues, are forward-looking statements regarding AngloGold Ashanti's operations, economic performance and financial condition. These forward-looking statements or forecasts involve known and unknown risks, uncertainties and other factors that may cause AngloGold Ashanti's actual results, performance or achievements to differ materially from the anticipated results, performance or achievements expressed or implied in these forward-looking statements. Although AngloGold Ashanti believes that the expectations reflected in such forward-looking statements and forecasts are reasonable, no assurance can be given that such expectations will prove to have been correct. Accordingly, results could differ materially from those set out in the forward-looking statements as a result of, among other factors, changes in economic, social and political and market conditions, the success of business and operating initiatives, changes in the regulatory environment and other government actions, including environmental approvals, fluctuations in gold prices and exchange rates, the outcome of pending or future litigation proceedings, and business and operational risk management. For a discussion of such risk factors, refer to AngloGold Ashanti's annual report on Form 20-F for the year ended 31 December 2013, which was filed with the United States Securities and Exchange Commission ("SEC") on 14 April 2014. These factors are not necessarily all of the important factors that could cause AngloGold Ashanti's actual results to differ materially from those expressed in any forward-looking statements. Other unknown or unpredictable factors could also have material adverse effects on future results. Consequently, readers are cautioned not to place undue reliance on forward-looking statements. AngloGold Ashanti undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events, except to the extent required by applicable law. All subsequent written or oral forward-looking statements attributable to AngloGold Ashanti or any person acting on its behalf are qualified by the cautionary statements herein.

This communication may contain certain "Non-GAAP" financial measures. AngloGold Ashanti utilises certain Non-GAAP performance measures and ratios in managing its business. Non-GAAP financial measures should be viewed in addition to, and not as an alternative for, the reported operating results or cash flow from operations or any other measures of performance prepared in accordance with IFRS. In addition, the presentation of these measures may not be comparable to similarly titled measures other companies may use. AngloGold Ashanti posts information that is important to investors on the main page of its website at www.anglogoldashanti.com and under the "Investors" tab on the main page. This information is updated regularly. Investors should visit this website to obtain important information about AngloGold Ashanti.

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Website: www.anglogoldashanti.com

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: February 23, 2015

AngloGold Ashanti Limited

By: /s/ M E SANZ PEREZ
Name: M E Sanz Perez
Title: EVP: Group Legal, Commercial & Governance