UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Form 6-K

Report of Foreign Private Issuer

Pursuant to Rules 13a-16 or 15d-16 under

the Securities Exchange Act of 1934

Dated 18 December 2019

Commission File Number: 001-31318

GOLD FIELDS LIMITED

(Translation of registrant's name into English)

150 Helen Rd.
Sandown, Sandton 2196
South Africa
(Address of principal executive offices)

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): ______Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation

Indicate by check mark whether the registrant files or will file annual reports under cover Form

20-F or Form 40-F.

S-T Rule 101(b)(7): _____



MEDIA RELEASE

SALARES NORTE RECEIVES ENVIRONMENTAL APPROVAL

Santiago de Chile, 18 December 2019: Gold Fields Limited (Gold Fields) (JSE, NYSE: GFI) is pleased to announce that the Atacama Environmental Assessment Commission today approved the environmental impact study for its Salares Norte project in Chile.

The environmental approval for the project is a crucial step for Gold Fields as it evaluates a construction decision. "The company will now formulate a funding plan, update the feasibility study completed earlier this year and proceed to a construction decision during H1 2020," says Nick Holland, CEO of Gold Fields.

The potential mine would present a boost for the regional economy with respect to job creation, procurement of goods and services as well as payments of taxes and royalties. It is estimated that about 2,700 jobs would be created during construction of the mine, which – if given the go-ahead by Gold Fields – would be completed by end-2022. About 900 workers would be employed once the mine is operational.

Operational parameters for Salares Norte

The Salares Norte project is located in the Diego de Almagro municipality in the Atacama Region in northern Chile, at between 3,900m and 4,700m above sea level.

Key findings of the feasibility study, announced in February 2019, were:

- Capital cost of US\$834m for construction
- A maiden Mineral Reserve of 3.5Moz of gold and 39Moz of silver was declared in December 2018. The gold-equivalent Mineral Reserve is 4.0Moz.
- Initial 12-year life-of-mine
- Annual throughput of 2Mt of ore
- Life-of-mine production of 3.7Moz gold-equivalent
- Average annual production of 450koz gold equivalent for the first seven years at AISC of US\$465/oz

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Notes to editors

About Gold Fields

Gold Fields Limited is a globally diversified gold producer with nine operating mines (including our Asanko Joint Venture) and one project in Australia, Chile, Ghana, Peru and South Africa, with total attributable annual gold-equivalent production of approximately 2Moz. It has attributable gold Mineral Reserves of around 48.1Moz and gold Mineral Resources of around 96.6Moz. Attributable copper Mineral Reserves total 691 million pounds and Mineral Resources 4,816 million pounds. Gold Fields has a primary listing on the Johannesburg Stock Exchange (JSE) Limited, with secondary listings on the New York Stock Exchange (NYSE).

Sponsor: J.P. Morgan Equities South Africa (Pty) Ltd

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 authorised.

GOLD FIELDS LIMITED

Dated: 18 December 2019

By: /s/ Nicholas J. Holland

Name: Nicholas J. Holland Title: Chief Executive Officer