

TOTAL SA  
Form 6-K  
January 06, 2005

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington D.C.

**FORM 6-K**

REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13-a16 OR 15-d16 OF  
THE SECURITIES EXCHANGE ACT OF 1934

For the month of

December 2004

**TOTAL S.A.**

(Translation of registrant's name into English)

2, place de la Coupole  
92078 Paris La Défense Cedex  
France

(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  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

(If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule  
12g3-  
2(b) : 82- \_\_\_\_\_.)

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**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.

**TOTAL S.A.**

Date: January 6<sup>th</sup>, 2005

By: */s/* Charles Paris de Bollardière

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Name: Charles PARIS de BOLLARDIERE  
Title: Treasurer

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***EXHIBIT INDEX***

Ø	<b>EXHIBIT 99.1:</b>	Appointments ( <i>December 6, 2004</i> ).
Ø	<b>EXHIBIT 99.2:</b>	Iran : Step forward for Pars LNG integrated project ( <i>December 7, 2004</i> ).
Ø	<b>EXHIBIT 99.3:</b>	Solar power : Photovoltech to significantly Increase Photovoltaic Cell Production Capacity ( <i>December 16, 2004</i> ).
Ø	<b>EXHIBIT 99.4:</b>	Total updates Block B contractual terms in Sudan in view of possibly resuming operations once peace restored ( <i>December 21, 2004</i> ).
Ø	<b>EXHIBIT 99.5:</b>	Notice of Repurchase of Ordinary Shares of Total ( <i>January 5, 2004</i> ).