

BRAZILIAN PETROLEUM CORP  
Form 6-K  
April 19, 2006

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**SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 6-K**

Report of Foreign Private Issuer  
Pursuant to Rule 13a-16 or 15d-16 of the  
Securities Exchange Act of 1934

**For the month of April, 2006**

**Commission File Number 1-15106**

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**PETRÓLEO BRASILEIRO S.A. - PETROBRAS**  
(Exact name of registrant as specified in its charter)

**Brazilian Petroleum Corporation - PETROBRAS**  
(Translation of Registrant's name into English)

**Avenida República do Chile, 65**  
**20031-912 - Rio de Janeiro, RJ**  
**Federative Republic of Brazil**  
(Address of principal executive office)

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

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**New light oil finds in Espírito Santo**

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(Rio de Janeiro, April 18, 2006). PETRÓLEO BRASILEIRO S/A - PETROBRAS, [Bovespa: PETR3/PETR4, NYSE: PBR/PBRA, Latibex: XPBR/XPBRA], a Brazilian international energy company, announces that it has discovered a new field of light oil in the Espírito Santo Basin, the result of drilling of the 4-ESS-164A well. The find is located 12 kilometers to the northeast of the Golfinho field. The estimated volume of the new discovery is approximately 280 million barrels of oil equivalent (boe). Preliminary data suggests that the oil is of excellent quality.

The recent drilling of well prefix 4-ESS-160, also in the Espírito Santo Basin, has resulted in the discovery of new accumulations of hydrocarbons, adjacent to the Golfinho field, with estimated volumes of between 60 million and 80 million boe. Considering earlier estimates for the Golfinho field indicated a volume of 250 million boe, this new find ramps up potential reserves in the field to between 310 and 330 million boe.

Of the 17 wells drilled in the Espírito Santo Basin's light oil province, 15 produced evidence of hydrocarbons. This 88% exploration success ratio is symptomatic of the major potential in the basin, where a further two exploratory wells are to be drilled before the end of the year. With these two discoveries, potential light oil reserves in the Espírito Santo Basin already amount to approximately 600 million boe.

<http://www.petrobras.com.br/ri/english>

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This document may contain forecasts that merely reflect the expectations of the Company's management. Such terms as anticipate, believe, expect, forecast, intend, plan, project, seek, should, along with similar or analogous terms are used to identify such forecasts. These predictions evidently involve risks and uncertainties, whether foreseen or not by the Company. Therefore, the future results of operations may differ from current expectations, and readers must not base their expectations exclusively on the information presented herein.

## SIGNATURE

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: April 18, 2006

PETRÓLEO BRASILEIRO S.A--PETROBRAS

By:           /s/ Almir Guilherme Barbassa          

**Almir Guilherme Barbassa**  
**Chief Financial Officer and**  
**Investor Relations Officer**

## FORWARD-LOOKING STATEMENTS

This press release may contain forward-looking statements. These statements are statements that are not historical facts, and are based on management's current view and estimates of future economic circumstances, industry conditions, company performance and financial results. The words "anticipates", "believes", "estimates", "expects", "plans" and similar expressions, as they relate to the company, are intended to identify forward-looking statements. Statements regarding the declaration or payment of dividends, the implementation of principal operating and financing strategies and capital expenditure plans, the direction of future operations and the factors or trends affecting financial condition, liquidity or results of operations are examples of forward-looking statements. Such statements reflect the current views of management and are subject to a number of risks and uncertainties. There is no guarantee that the expected events, trends or results will actually occur. The statements are based on many assumptions and factors, including general economic and market conditions, industry conditions, and operating factors. Any changes in such assumptions or factors could cause actual results to differ materially from current expectations.

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