

PETROBRAS - PETROLEO BRASILEIRO SA  
Form 6-K  
March 16, 2010

---

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

---

**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 March, 2010**

**Commission File Number 1-15106**

---

**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

---

**Discovery of Light Oil in Piranema**

Rio de Janeiro, March 16, 2010. – Petróleo Brasileiro S.A. - Petrobras, announces a new discovery of light oil in sandstone reservoirs located in the Sergipe Basin, in the post-salt layer of the Piranema area. The economically recoverable volume of oil is estimated at 15 million barrels.

The discovery was made in the exploratory well 3-PRM-12-SES, drilled in the far north of the Piranema concession area, some 28 km off the coast of the state of Sergipe, in water depth of 800 meters and total depth of 2,693 meters. Preliminary analysis indicates the presence of light oil (44° API), in reservoirs of a good quality (thickness, permeability and porosity). Further analysis will be developed for a better understanding of the reservoir as well as a drilling of a second production well.

Looking to take advantage of the production and distribution infrastructure that is already installed in the area, the Company is analyzing the possibility of connecting well 3-PRM-12-SES to the production platform that is already operating in the Piranema field.

This discovery in Piranema, like the new discoveries announced in Pampo and Barracuda fields in 2010, is a result of the Company's exploration strategy of stepping up efforts in the vicinity area of the fields that are already in production (PLANÓLEO), taking advantage of the existing infrastructure to implement profitable projects at lower cost and reduced time from the discovery to the production.

---

*[www.petrobras.com.br/ri/english](http://www.petrobras.com.br/ri/english)*

**Contacts:** PETRÓLEO BRASILEIRO S. A. PETROBRAS

Investor Relations Department | E-mail: [petroinvest@petrobras.com.br](mailto:petroinvest@petrobras.com.br) / [acionistas@petrobras.com.br](mailto:acionistas@petrobras.com.br)  
Av. República do Chile, 65 2<sup>nd</sup> floor - 20031-912 - Rio de Janeiro, RJ | Tel.: 55 (21) 3224-1510 / 9947

This document may contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (Securities Act), and Section 21E of the Securities Exchange Act of 1934, as amended (Exchange Act) 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 expressions, are used to identify such forward-looking statements. 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: March 16, 2010

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 within the meaning of Section 27A of the Securities Act of 1933, as amended (Securities Act), and Section 21E of the Securities Exchange Act of 1934, as amended (Exchange Act) that are not based on historical facts and are not assurances of future results. These forward-looking statements 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.

All forward-looking statements are expressly qualified in their entirety by this cautionary statement, and you should not place reliance on any forward-looking statement contained in this press release. We undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information or future events or for any other reason.

---