PETROBRAS - PETROLEO BRASILEIRO SA Form 6-K November 17, 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 November, 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 Forn	er Form 20-F or Form	reports under cover	ant files or will file annual	check mark whether the registrant f	Indicate by
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Form 20-F	X	_ Form	40-F
,	0		nation contained in this Form is also thereby furnishing the b) under the Securities Exchange Act of 1934.
Yes		No_	X

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This report on Form 6-K is incorporated by reference in the Registration Statement on Form F-3 of Petróleo Brasileiro -- Petrobras (No. 333-163665).

Discovery of light oil to the south of Santos Basin

Rio de Janeiro, November 16th, 2010 Petróleo Brasileiro S.A. Petrobras announces that it has confirmed the presence of light oil in well 1-BRSA-870-SPS (1-SPS-76), located to the south of Santos Basin, in sandstones reservoirs, similar to those found in the accumulations of Tiro and Sidon. The discovery is located around 15 km of the Tiro and Sidon area.

The well is situated in block S-M-1352 of the BM-S-41 Concession, where Petrobras holds 100 interests. It is under ANP analysis the transfer of a 20 of the participation interest of the concession to the company Karoon Petroleum and Gas.

This well is located about 280 kilometers off the coast of the State of São Paulo, in a water depth of 400m. The reservoirs were found at a depth of 2.200 meters.

The well continues to be drilled with the aim of researching other deeper objectives, still in the post-salt section.

This discovery confirms the success of the exploratory strategy in the search for the formation of a new production hub in the southeastern part of Santos Basin which may be integrated by a series of already discovered fields, such as Caravela, Cavalo Marinho, Coral and Tiro-Sidon, as well as others to be discovered or in evaluation process, such as that of well 1-BRSA-870-SPS in the Marujá prospect.

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www.petrobras.com.br/ri/english

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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 expressions, 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.

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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: November 17, 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.