PETROBRAS - PETROLEO BRASILEIRO SA Form 6-K February 18, 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 February, 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 ____X ___ 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___X____

Oil discovery in Angola

Rio de Janeiro, February 18 2010 Petróleo Brasileiro S.A. Petrobras, announces two new oil discoveries made in Block 15/06, in deep Angolan waters. The Company holds 5% stakes in Block 15/06 and Eni is the operator, holding 35% of the working interest in it.

The wells Nzanza-1 and Cinguvu-1 are located around 350 km northwest of Luanda, in a water depth of some 1.400 meters.

During production test, the Nzanza-1 well produced oil with a density of 18 API gravity at rates above 1,600 barrels/day. At Cinguvu-1, the production test reached a maximum flow of 6,400 barrels/day of oil with a density of 23 API gravity.

The other partners are Sonangol P&P (15%), SSI Fifteen Limited (20%), Total (15%), Falcon Oil Holding Angola AS (5%), and Statoil Angola Block 15/06 AS (5%).

Nzanza-1 and Cinguvu-1 results follow the success of Cabaça Norte-1 reaching a count of three consecutive oil discoveries in the block in 2009, and five in total, including Sangos and N Goma drilled by Block 15/06 partnership in 2008. Additional exploratory wells will be drilled in Block 15/06 yet this year.

www.petrobras.com.br/ri For more information: PETRÓLEO BRASILEIRO S. A. PETROBRAS Relacionamento com Investidores I E-mail: petroinvest@petrobras.com.br / acionistas@petrobras.com.br Av. República do Chile, 65 - 2202 - B - 20031-912 - Rio de Janeiro, RJ I Tel.: 55 (21) 3224-1510 / 9947 I 0800-282-1540

Este documento pode conter previsões segundo o significado da Seção 27A da Lei de Valores Mobiliários de 1933, conforme alterada (Lei de Valores Mobiliários), e Seção 21E da lei de Negociação de Valores Mobiliários de 1934, conforme alterada (Lei de Negociação) que refletem apenas expectativas dos administradores da Companhia. Os termos antecipa, acredita, espera, prevê, pretende, planeja, projeta, objetiva, deverá, bem como outros termos se a identificar tais previsões, as quais, evidentemente, envolvem riscos ou incertezas previstos ou não pela Companhia. Portanto, os resultados futuros das operações da Companhia podem diferir das atuais expectativas, e o leitor não deve se basear exclusivamente nas informações aqui contidas.

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: February 18, 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 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.