

BP PLC
Form 6-K
May 27, 2009

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 6-K

Report of Foreign Issuer

**Pursuant to Rule 13a-16 or 15d-16 of
the Securities Exchange Act of 1934**

for the period ended 27 May 2009

BP p.l.c.

(Translation of registrant's name into English)

1 ST JAMES'S SQUARE, LONDON, SW1Y 4PD, ENGLAND

(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
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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|

press release

May 27, 2009

**BP MAKES EIGHTEENTH OIL DISCOVERY IN ULTRA-DEEP
WATER BLOCK 31 ANGOLA**

Sociedade Nacional de Combustíveis de Angola (Sonangol) and BP Exploration (Angola) Limited today announced the ‘Oberon’ oil discovery in ultra-deepwater Block 31, offshore Angola. This is the eighteenth discovery made by BP in Block 31 and is located in the southern portion of Block 31 about 335 kilometres northwest of Luanda and 4.3 kilometres to the north-east of the Dione discovery.

Oberon-1 was drilled in a water depth of 1624 metres and reached a total depth of 3622 metres TVD below sea level. The well test results confirmed the capacity of the reservoir to flow in excess of 5000 barrels/day under production conditions.

Sonangol is the concessionaire of Block 31. BP Exploration (Angola) Limited as operator holds 26.67 per cent. The other interest owners in Block 31 are Esso Exploration and Production Angola (Block 31) Limited (25 per cent), Sonangol P&P (20 per cent), Statoil Angola A.S. (a subsidiary of StatoilHydro ASA) (13.33 per cent), Marathon International Petroleum Angola Block 31 Limited (10 per cent) and TEPA (BLOCK 31) Limited, (a subsidiary of the Total Group) (5 per cent).

Notes to Editors

BP’s involvement with Angola goes back to the mid 1970s. During the 1990s, BP made very substantial investments in Angola’s offshore oil and it is now an important part of the company’s upstream portfolio. BP has interests in four blocks with operated interests in two and has a 13.6 per cent interest in the Angola LNG project.

Operatorship of Block 31 was awarded to BP Exploration (Angola) Limited in May 1999. The Block covers an area of 5,349 square kilometres and lies in water depths of between 1,500 and 2,500 metres.

BP also has operated interests (BP 50.00 per cent equity) in Block 18 where the Greater Plutonio Project started production on 1st October 2007.

BP has non-operated interests in Block 15, operated by Esso Exploration Angola (Block 15) Limited (BP 26.67 per cent), in Block 17 operated by Total (BP 16.67 per cent) and the ALNG (13 per cent).

Further enquiries:

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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.

BP p.l.c.
(Registrant)

Dated: 27 May 2009

/s/ D. J. PEARL
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D. J. PEARL
Deputy Company Secretary