BP PLC Form 6-K December 19, 2011 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 December, 2011

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 |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
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## BP p.l.c.

Transaction in own shares

BP p.l.c. announces that on 19 December 2011 it transferred the following number of ordinary shares, which were previously held as treasury shares, to participants in its employee share schemes:

Date of transfer: 19 December 2011

Number of ordinary shares transferred: 3,523 Highest transfer price per share: £4.55 Lowest transfer price per share: £4.20

Following the above transfer, BP p.l.c. holds 1,838,011,351 ordinary shares in treasury, and has 18,963,945,963 ordinary shares in issue (excluding treasury shares).

This announcement is made in accordance with the requirements of Listing Rule 12.6.4.

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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: 19 December, 2011
/s/ D. J. PEARL
D. J. PEARL Deputy Company Secretary