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

FORM 8-K

**CURRENT REPORT
PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934**

Date of Report (Date of earliest event reported): April 7, 2009 (April 6, 2009)

TRANSOCEAN LTD.

(Exact name of registrant as specified in its charter)

Switzerland
(State or other jurisdiction of
incorporation or organization)

000-53533
(Commission File Number)

98-0599916
(I.R.S. Employer
Identification No.)

Blandonnet International Business Center
Building F, 7th Floor
Chemin de Blandonnet
Vernier, Switzerland
(Address of principal executive offices)

CH-1214
(zip code)

Registrant's telephone number, including area code: +41 (22) 930-9000

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

(b) On April 6, 2009, Gregory L. Cauthen notified Transocean Ltd. (the "Company") of his intention to retire as Senior Vice President and Chief Financial Officer of the Company. It is expected that Mr. Cauthen's departure from the Company will occur by September 30, 2009, subject to the Company's identification of, and the completion of arrangements with, a replacement for Mr. Cauthen.

