
**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): June 3, 2010

SCHLUMBERGER N.V. (SCHLUMBERGER LIMITED)

(Exact name of registrant as specified in its charter)

Netherlands Antilles
(State or other jurisdiction
of incorporation)

1-4601
(Commission
File Number)

52-0684746
(IRS Employer
Identification No.)

42, rue Saint-Dominique, Paris, France 75007
5599 San Felipe, 17th Floor, Houston, Texas 77056
Parkstraat 83, The Hague, The Netherlands 2514 JG
(Addresses of principal executive offices and zip or postal codes)

Registrant's telephone number in the United States, including area code: (713) 513-2000

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 June 3, 2010, Jamie Gorelick notified the Chairman of the Board of Directors of Schlumberger Limited (the “Company”) of her resignation, effective immediately, from the Board of Directors. Ms. Gorelick’s resignation is in connection with her law firm’s representation of BP plc in connection with U.S. Congressional hearings related to the Deepwater Horizon incident.

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 hereunto duly authorized.

SCHLUMBERGER N.V.
(SCHLUMBERGER LIMITED)

By: /s/ Howard Guild
Howard Guild
Chief Accounting Officer

Date: June 7, 2010