
**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) July 28, 2004

**SOUTHWEST GAS CORPORATION
(Exact name of registrant as specified in its charter)**

California
(State or other jurisdiction of
incorporation or organization)

1-7850
(Commission
File Number)

88-0085720
(I.R.S. Employer
Identification No.)

**5241 Spring Mountain Road
Post Office Box 98510
Las Vegas, Nevada**
(Address of principal executive offices)

89193-8510
(Zip Code)

Registrant's telephone number, including area code: (702) 876-7237

Item 5. Other Events and Regulation FD Disclosure.

On July 28, 2004, Southwest Gas Corporation (the Company) announced the election of Jeffrey W. Shaw, 45, to the Board of Directors following his recent promotion to Chief Executive Officer of the Company. As a director, he will serve on the executive committee of the Board. Mr. Shaw's election increases the number of directors from eleven to twelve. The position of Chairman of the Board remains filled with an independent director, consistent with the Company's long-standing practice and sound corporate governance principles.

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 hereunto duly authorized.

SOUTHWEST GAS CORPORATION

Date: July 28, 2004

/s/ ROY R. CENTRELLA

Roy R. Centrella
Vice President/Controller and
Chief Accounting Officer