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

Form 8-K/A 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 29, 2003

SOUTHWEST GAS CORPORATION

(Exact name of registrant as specified in its charter)

California (State or other jurisdiction of incorporation or organization)

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

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

1-7850 (Commission File Number) **88-0085720** (I.R.S. Employer Identification No.)

89193-8510 (Zip Code)

Item 7. Financial Statements and Exhibits.

(c) Exhibit

99 Press Release dated April 29, 2003.

Item 9. Regulation FD Disclosure (the following discussion is furnished under Item 12. Results of Operations and Financial Condition).

The Summary Unaudited Operating Results included in the Form 8-K furnished on April 29, 2003 inadvertently contained operating results for the quarters and twelve months ended March 31, 2002 and 2001. This Form 8-K/A includes Summary Unaudited Operating Results for the quarters and twelve months ended March 31, 2003 and 2002. The revised version of the 8-K is set forth below in its entirety.

In accordance with SEC Release Nos. 33-8216 and 34-47583, the following information, required to be furnished under Item 12. Results of Operations and Financial Condition, is furnished under Item 9. Regulation FD Disclosure.

On April 29, 2003, Southwest Gas Corporation (the Company) released summary financial information to the general public, including the investment community, regarding the Company s operating performance for the quarter and twelve months ended March 31, 2003. A copy of the Company s press release is attached hereto as Exhibit 99.

This Form 8-K/A and the attached exhibit are provided under Item 12 of Form 8-K and are furnished to, but not filed with, the Securities and Exchange Commission.

SOUTHWEST GAS CORPORATION SUMMARY UNAUDITED OPERATING RESULTS

(In thousands, except per share amounts)

| | THREE MONTHS ENDED MARCH 31, | | | | Т | TWELVE MONTHS ENDED MARCH 31, | | | |
|--|---------------------------------|---------------|----|---------------|----|----------------------------------|----|-----------------|--|
| | | 2003 | | 2002 | | 2003 | | 2002 | |
| Results of Consolidated Operations Contribution to net income - gas operations Contribution to net income - construction services | \$ | 25,336 203 | \$ | 42,487 409 | \$ | 22,077 4,531 | \$ | 41,784 4,459 | |
| Net income | \$ | 25,539 | \$ | 42,896 | \$ | 26,608 | \$ | 46,243 | |

SOUTHWEST GAS CORPORATIONSUMMARY UNAUDITED OPERATING RESULTS (In thousands, except per s

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| | THREE MONTHS ENDED MARCH 31, | | | TWELVE MONTHS ENDED MARCH 31, | | | | |
|--|---------------------------------|--------------------------------------|----|--------------------------------------|----|---|----|---|
| Earnings per share - gas operations Earnings per share - construction services | \$ | 0.75 0.01 | \$ | 1.31 0.01 | \$ | 0.66 0.14 | \$ | 1.29 0.14 |
| Basic earnings per share | \$ | 0.76 | \$ | 1.32 | \$ | 0.80 | \$ | 1.43 |
| Diluted earnings per share | \$ | 0.76 | \$ | 1.30 | \$ | 0.80 | \$ | 1.42 |
| Average outstanding common shares Average shares outstanding (assuming dilution) | _ | 33,438 33,659 | | 32,620 32,871 | | 33,155 33,428 | | 32,319 32,596 |
| Results of Natural Gas Operations Gas operating revenues Net cost of gas sold | \$ | 359,983 193,472 | \$ | 456,205 274,663 | \$ | 1,019,678 482,188 | \$ | 1,202,087 672,503 |
| Operating margin Operations and maintenance expense Depreciation and amortization Taxes other than income taxes | _ | 166,511 66,057 29,323 9,300 | | 181,542 65,302 27,802 9,020 | | 537,490 264,943 116,696 34,845 | | 529,584 258,118 106,656 33,081 |
| Operating income Other income (expense) | | 61,831 (268) | | 79,418 9,697 | | 121,006 (6,857) | | 131,729 15,415 |
| Income before interest and income taxes Net interest deductions Preferred securities distributions Income tax expense | | 61,563 19,949 1,369 14,909 | | 89,115 18,635 1,369 26,624 | | 114,149 79,819 5,475 6,778 | | 147,144 77,606 5,475 22,279 |
| Contribution to net income - gas operations | \$ | 25,336 | \$ | 42,487 | \$ | 22,077 | \$ | 41,784 |

SOUTHWEST GAS CORPORATION SELECTED STATISTICAL DATA MARCH 31, 2003

FINANCIAL STATISTICS

| Market value to book value per share at quarter end | 110% |
|--|------|
| Twelve months to date return on equity total company | 4.5% |
| gas segment | 4.0% |
| Common stock dividend yield at quarter end | 4.0% |

GAS OPERATIONS SEGMENT

| Rate Jurisdiction | Authorized Rate Base (In thousands) | | Authorized Rate of Return | Authorized Return on Common Equity | |
|-----------------------------|---|---------|---------------------------------|---|--|
| Arizona (1) | \$ | 688,202 | 9.20% | 11.00% | |
| Southern Nevada (1) | | 457,314 | 8.78 | 10.64 | |
| Northern Nevada (1) | | 91,936 | 9.02 | 10.21 | |
| Southern California | | 69,486 | 9.94 | 11.35 | |
| Northern California | | 28,849 | 10.02 | 11.35 | |
| Paiute Pipeline Company (1) | | 75,059 | 9.69 | 11.60 | |
| | | | | | |

(1) Estimated amounts based on rate case settlements.

SYSTEM THROUGHPUT BY CUSTOMER CLASS

| | - | THS ENDED CH 31, | TWELVE MONTHS ENDED MARCH 31, | | | |
|-------------------------------|------------|---------------------|----------------------------------|-------------|--|--|
| (In dekatherms) | 2003 | 2002 | 2003 | 2002 | | |
| Residential | 27,099,374 | 30,165,439 | 55,755,384 | 58,600,067 | | |
| Small commercial | 10,195,593 | 11,115,423 | 27,107,252 | 27,853,892 | | |
| Large commercial | 2,723,256 | 4,044,807 | 10,828,438 | 12,602,841 | | |
| Industrial / Other | 4,302,800 | 5,877,443 | 20,830,898 | 27,645,410 | | |
| Transportation | 31,118,602 | 29,693,417 | 133,940,099 | 120,809,281 | | |
| Total system throughput | 75,439,625 | 80,896,529 | 248,462,071 | 247,511,491 | | |
| HEATING DEGREE DAY COMPARISON | | | | | | |
| Actual | 932 | 1,155 | 1,688 | 1,922 | | |
| Ten-year average | 1,079 | 1,106 | 1,935 | 1,972 | | |

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: April 29, 2003

/s/ ROY R. CENTRELLA

SIGNATURES

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

EXHIBIT INDEX

Exhibit ______ Description

99 Press release dated April 29, 2003.