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 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).

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 (Southwest) 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 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,)	EN	, y - · -		
		2002		2001		2002		2001
Results of Consolidated Operations Contribution to net income - gas operations Contribution to net income - construction services	\$	42,487 409	\$	33,329 480	\$	41,784 4,459	\$,
Net income	\$	42,896	\$	33,809	\$	46,243	\$	46,922
Earnings per share - gas operations Earnings per share - construction services	\$	1.31 0.01	\$	1.05 0.01	\$	1.29 0.14	\$	1.36 0.13

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

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	TI		EE MONTHS ENDED MARCH 31, TWELVE MONTHS ENDED MARCH 31, TWELVE MONTHS					
Basic earnings per share	\$	1.32	\$	1.06	\$	1.43	\$	1.49
Diluted earnings per share	\$	1.30	\$	1.05	\$	1.42	\$	1.48
Average outstanding common shares Average shares outstanding (assuming dilution)	_	32,620 32,871		31,821 32,069		32,319 32,596		31,540 31,765
Results of Natural Gas Operations Gas operating revenues Net cost of gas sold	\$	456,205 274,663	\$	447,220 279,707	\$	1,202,087 672,503	\$	1,050,852 550,914
Operating margin Operations and maintenance expense Depreciation and amortization Taxes other than income taxes		181,542 65,302 27,802 9,020		167,513 60,210 25,644 8,719		529,584 258,118 106,656 33,081	_	499,938 234,058 96,917 30,865
Operating income Other income (expense)		79,418 9,697		72,940 1,976		131,729 15,415		138,098 (59)
Income before interest and income taxes Net interest deductions Preferred securities distributions Income tax expense		89,115 18,635 1,369 26,624		74,916 19,775 1,369 20,443		147,144 77,606 5,475 22,279		138,039 72,280 5,475 17,411
Contribution to net income - gas operations	\$	42,487	\$	33,329	\$	41,784	\$	42,873

SOUTHWEST GAS CORPORATIONSELECTED 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

	Authorized Rate Base	Authorized Rate of	Authorized Return on Common
Rate Jurisdiction	(In thousands)	Return	Equity

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Rate Jurisdiction	Authorized Rate Base (In thousands)	Authorized Rate of Return	Authorized Return on Common	
Kate Jurisdiction	(In thousands)	Keturn	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

(In dekatherms)	-	THS ENDED CH 31,	TWELVE MONTHS ENDED MARCH 31,			
	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

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

EXHIBIT INDEX

 Exhibit
 Description

 99
 Press release dated April 29, 2003.