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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) February 25, 2010

**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

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:

- 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 2.02****Results of Operations and Financial Condition.**

On February 25, 2010, 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 December 31, 2009. A copy of the Company's press release and summary financial information is attached hereto as Exhibit 99.

This Form 8-K and the attached exhibit are provided under Item 2.02 of Form 8-K and are furnished to, but not filed with, the Securities and Exchange Commission.

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**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: February 25, 2010

/s/ ROY R. CENTRELLA

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

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EXHIBIT INDEX

<b>Exhibit No.</b>	<b>Description</b>
99	Press Release and summary financial information dated February 25, 2010.

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February 25, 2010

Media Contact: Cynthia Messina, Las Vegas, NV (702) 876-7132

Shareholder Contact: Ken Kenny, Las Vegas, NV (702) 876-7237

For Immediate Release

### **SOUTHWEST GAS CORPORATION ANNOUNCES 2009 EARNINGS**

Las Vegas, Nev. – Southwest Gas Corporation (NYSE: SWX) reported consolidated earnings of \$1.95 per basic share for 2009, a \$0.55 per share increase from the \$1.40 per basic share earned in 2008. Consolidated net income for 2009 was \$87.5 million, compared to \$61 million during 2008.

According to Jeffrey W. Shaw, Chief Executive Officer, “Higher operating income from the natural gas segment and a positive swing in the contribution from other income were the principal drivers behind our improved earnings. As a result of our efforts to work with state regulatory commissions to improve and bring stability to our revenues and cash flows, we realized rate relief during 2009 in all jurisdictions we serve. In addition, we now have an improved rate design in Nevada that, like in California, will enable us to more aggressively encourage conservation by our customers.”

Shaw concluded by saying, “Improved earnings and cash flows, a decrease in capital expenditures, improvements in rate design, and sensible cost controls have all combined to strengthen our financial position, despite the current economic downturn. We will continue to focus on the core fundamentals of our business to make further improvements.”

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During the fourth quarter of 2009, consolidated net income was \$46.4 million, or \$1.03 per basic share, versus \$31.2 million, or \$0.71 per basic share, for the fourth quarter of 2008.

*Natural Gas Operations Segment Results*

***Full Year 2009***

Operating margin, defined as operating revenues less the net cost of gas sold, increased \$13 million between periods. Rate relief provided \$30 million toward the operating margin increase, consisting of \$25 million in Arizona, \$3 million in California, and \$2 million in Nevada. Conservation, resulting from current economic conditions and energy efficiency, negatively impacted operating margin by an estimated \$11 million. Differences in heating demand caused primarily by weather variations between years resulted in a \$7 million operating margin decrease as warmer-than-normal temperatures were experienced during both years (during 2009, operating margin was negatively impacted by \$18 million, while the negative impact in 2008 was \$11 million). Customer growth contributed \$1 million of the operating margin increase.

Operations and maintenance expenses increased \$10.3 million, or three percent, between years principally due to general cost increases and higher employee-related benefit costs, partially offset by slightly lower staffing levels. Despite additional plant in service, depreciation expense increased less than one percent due to lower depreciation rates in California and Nevada rate jurisdictions.

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Other income, which principally includes interest income, changes in cash surrender values of company-owned life insurance (“COLI”) policies, and non-utility expenses, improved \$20.1 million between years. This was primarily due to an \$8.5 million (\$0.19 per share) increase in the cash surrender values of COLI policies in 2009 compared to a decline of \$12 million (\$0.28 per share) in 2008. Net financing costs decreased \$9 million between years due to a reduction in outstanding debt and lower interest rates on variable-rate debt.

#### ***Fourth Quarter***

Operating margin increased \$17 million, or eight percent, in the fourth quarter of 2009 compared to the fourth quarter of 2008. Differences in heating demand caused by weather variations between periods resulted in an \$11 million operating margin increase due primarily to warmer-than-normal temperatures experienced during 2008. Rate relief (\$5 million in Arizona, \$2 million in Nevada, \$1 million in California) accounted for \$8 million of the increase and customer growth contributed \$1 million. However, conservation, energy efficiency, and challenging economic conditions on consumption negatively impacted operating margin by \$3 million.

Operating expenses for the quarter increased \$8.3 million, or six percent, compared to the fourth quarter of 2008 primarily due to increases in employee-related and general costs. Timing was a factor as certain costs incurred in the fourth quarter of 2009 were incurred earlier in the year during 2008. Lower depreciation rates in Nevada and California rate jurisdictions mitigated the increase.

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Other income improved \$8.8 million between periods. This was primarily due to a \$1.6 million increase in the cash surrender values of COLI policies in the fourth quarter of 2009 compared to a decline of \$5.7 million in the fourth quarter of 2008. Net financing costs decreased \$1.8 million due principally to a reduction in outstanding debt and lower interest rates on variable-rate debt.

Southwest Gas Corporation provides natural gas service to 1,824,000 customers in Arizona, Nevada, and California.

*This press release may contain statements which constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 (Reform Act). All such forward-looking statements are intended to be subject to the safe harbor protection provided by the Reform Act. A number of important factors affecting the business and financial results of the Company could cause actual results to differ materially from those stated in the forward-looking statements. These factors include, but are not limited to, the impact of weather variations on customer usage, customer growth rates, conditions in the housing market, the effects of regulation/deregulation, the timing and amount of rate relief, changes in rate design, and the impacts of stock market volatility.*

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## SOUTHWEST GAS CORPORATION CONSOLIDATED EARNINGS DIGEST

(In thousands, except per share amounts)

<b>YEAR ENDED DECEMBER 31,</b>	<b>2009</b>		<b>2008</b>	
Consolidated Operating Revenues	\$	1,893,824	\$	2,144,743
Net Income	\$	87,482	\$	60,973
Average Number of Common Shares Outstanding		44,752		43,476
Basic Earnings Per Share	\$	1.95	\$	1.40
Diluted Earnings Per Share	\$	1.94	\$	1.39
<b>QUARTER ENDED DECEMBER 31,</b>				
Consolidated Operating Revenues	\$	498,805	\$	509,410
Net Income	\$	46,392	\$	31,232
Average Number of Common Shares Outstanding		44,990		43,980
Basic Earnings Per Share	\$	1.03	\$	0.71
Diluted Earnings Per Share	\$	1.02	\$	0.71

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**SOUTHWEST GAS CORPORATION**  
**SUMMARY UNAUDITED OPERATING RESULTS**  
(In thousands, except per share amounts)

	THREE MONTHS ENDED DECEMBER 31,		YEAR ENDED DECEMBER 31,	
	2009	2008	2009	2008
<b>Results of Consolidated Operations</b>				
Contribution to net income - gas operations	\$ 43,671	\$ 28,999	\$ 79,420	\$ 53,747
Contribution to net income - construction services	2,721	2,233	8,062	7,226
Net income	<u>\$ 46,392</u>	<u>\$ 31,232</u>	<u>\$ 87,482</u>	<u>\$ 60,973</u>
Basic earnings per share	<u>\$ 1.03</u>	<u>\$ 0.71</u>	<u>\$ 1.95</u>	<u>\$ 1.40</u>
Diluted earnings per share	<u>\$ 1.02</u>	<u>\$ 0.71</u>	<u>\$ 1.94</u>	<u>\$ 1.39</u>
Average outstanding common shares	44,990	43,980	44,752	43,476
Average shares outstanding (assuming dilution)	45,362	44,264	45,062	43,775

<b>Results of Natural Gas Operations</b>				
Gas operating revenues	\$ 427,973	\$ 428,642	\$ 1,614,843	\$ 1,791,395
Net cost of gas sold	198,617	216,668	866,630	1,055,977
Operating margin	<u>229,356</u>	<u>211,974</u>	<u>748,213</u>	<u>735,418</u>
Operations and maintenance expense	91,661	82,362	348,942	338,660
Depreciation and amortization	41,237	42,772	166,850	166,337
Taxes other than income taxes	9,438	8,867	37,318	36,780
Operating income	<u>87,020</u>	<u>77,973</u>	<u>195,103</u>	<u>193,641</u>
Other income (deductions)	2,001	(6,759)	6,590	(13,469)
Net interest deductions	18,474	20,285	74,091	83,096
Net interest deductions on subordinated debentures	1,933	1,932	7,731	7,729
Income before income taxes	<u>68,614</u>	<u>48,997</u>	<u>119,871</u>	<u>89,347</u>
Income tax expense	24,943	19,998	40,451	35,600
Contribution to net income - gas operations	<u>\$ 43,671</u>	<u>\$ 28,999</u>	<u>\$ 79,420</u>	<u>\$ 53,747</u>

**SOUTHWEST GAS CORPORATION  
SELECTED STATISTICAL DATA  
DECEMBER 31, 2009**

**FINANCIAL STATISTICS**

Market value to book value per share at year end	117%
Twelve months to date return on equity -- total company	8.1%
-- gas segment	7.8%
Common stock dividend yield at year end	3.3%

**GAS OPERATIONS SEGMENT**

Rate Jurisdiction	Authorized Rate Base (In thousands)	Authorized Rate of Return	Authorized Return on Common Equity
Arizona	\$ 1,066,108	8.86%	10.00%
Southern Nevada	819,717	7.40	10.15
Northern Nevada	116,584	8.29	10.15
Southern California	143,851	7.87	10.50
Northern California	52,285	8.99	10.50
South Lake Tahoe	11,815	8.99	10.50
Paiute Pipeline Company (1)	82,853	9.44	11.80

(1) Estimated amounts based on rate case settlements.

**SYSTEM THROUGHPUT BY CUSTOMER CLASS**

(In dekatherms)	YEAR ENDED DECEMBER 31,		
	2009	2008	2007
Residential	66,973,593	70,498,622	69,806,322
Small commercial	29,422,425	31,455,477	31,066,563
Large commercial	11,724,121	12,512,144	12,756,072
Industrial / Other	7,262,348	9,770,147	10,352,500
Transportation	104,389,391	116,418,981	112,842,208
<b>Total system throughput</b>	<b>219,771,878</b>	<b>240,655,371</b>	<b>236,823,665</b>

**HEATING DEGREE DAY COMPARISON**

Actual	1,824	1,902	1,849
Ten-year average	1,882	1,894	1,935

Heating degree days for prior periods have been recalculated using the current period customer mix.