

Armstrong Thomas J
 Form 5
 February 03, 2005

FORM 5

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
 Form 3 Holdings Reported Form 4 Transactions Reported

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *
Armstrong Thomas J
 (Last) (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol
SOUTHWEST GAS CORP [SWX]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

5241 SPRING MOUNTAIN ROAD
 (Street)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)
12/31/2004

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
SR VICE PRES/GAS RESOURCES

LAS VEGAS, NV 891500002

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Reporting
 (check applicable line)

Form Filed by One Reporting Person
 Form Filed by More than One Reporting Person

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | (A) or (D) | Price | 5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|------------|-------|--|--|-----------------------------------|
| Common stock | 12/31/2004 | Â | J ⁽¹⁾ | 5 | A | \$ 0 | 12,724 | D | Â |
| Common stock - IRA | 12/31/2004 | Â | J ⁽²⁾ | 269 | A | \$ 0 | 1,369 | I | By IRA |
| Common stock 401k | 12/31/2004 | Â | J ⁽³⁾ | 65 | A | \$ 0 | 2,720 | I | By 401(k) |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Date of Issuance (Instr. 6) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--------------------------------|
| | | | | | (A) (D) | Date Exercisable Expiration Date | Title Amount or Number of Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | |
|--|---------------|-----------|---------|----------------------------|---|
| | Director | 10% Owner | Officer | Other | |
| Armstrong Thomas J 5241 SPRING MOUNTAIN ROAD LAS VEGAS, NV 891500002 | ^ | ^ | ^ | SR VICE PRES/GAS RESOURCES | ^ |

Signatures

By: Kathy M. Bailey, POA 02/03/2005

Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
 - ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Dividend reinvestment shares received during 2004 due to the rounding of fractional shares.
 - (2) Dividend reinvestment shares for IRA account received during 2004 .
 - (3) Dividends acquired during 2004 pursuant to the dividend reinvestment feature of the SWX 401(k) plan.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.