

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

1. Name and Address of Reporting Person

Kane, James P
 5241 Spring Mountain Road
 Las Vegas, NV 89150
 USA

2. Issuer Name and Ticker or Trading Symbol

Southwest Gas Corporation
 SWX

3. IRS or Social Security Number of Reporting Person (Voluntary)

4. Statement for Month/Year

12/31/2001

5. If Amendment, Date of Original (Month/Year)

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

() Director () 10% Owner (X) Officer (give title below) () Other
 (specify below)
 Executive Vice President/Operations

7. Individual or Joint/Group Reporting (Check Applicable Line)

(X) Form filed by One Reporting Person
 () Form filed by More than One Reporting Person

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

1. Title of Security	2. Transaction Date	3. Code	4. Securities Acquired (A) or Disposed of (D) Amount	A/D	Price	5. Amount of Securities Beneficially Owned at End of Year	6. Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership
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Common Stock						15,894 (2)	D	
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Table II -- Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Derivative Security	2. Conversion or Exercise Price of Derivative	3. Transaction Date	4. Code	5. Number of Derivative Securities Acquired (A) or Disposed of (D) Amount	A/D	6. Date of Exercise (Month/Day/Year) Expiration Date (Month/Day/Year)	7. Title and Number of Underlying Securities	8. Price of Derivative Security	9. Number of Derivative Securities Beneficially Owned at End of Year	10. Direct (D) or Indirect (I)	11. Nature of Indirect Beneficial Ownership
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Employee Stock Option (right to buy)	\$23.36	07/17/2001	A	15,000	A	(1) 07/16/2011	Common Stock	15,000	15,000	D	
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Explanation of Responses:
 (1) The option vests in three annual installments of 6,000 shares in 2002, 4,500 shares in 2003, and 4,500 shares in 2004, beginning on July 17, 2002.

(2) Includes 534 shares acquired in 2001 pursuant to the dividend reinvestment feature of SWX restricted stock plan, and 72 shares acquired pursuant to the dividend reinvestment plan.

SIGNATURE OF REPORTING PERSON
 /s/James P. Kane by Faye J. Ringler, Attorney in fact
 DATE
 01/31/2002