

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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  
 08/31/2001
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 Filing (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) |     |         | 5. Amount of Securities Beneficially Owned at End of Month | 6. Direct (D) or Indirect (I) | 7. Nature of Indirect Beneficial Ownership |
|----------------------|---------------------|---------|---|-----|---------|--|-------------------------------|--|
|                      |                     |         | Amount  | A/D | Price   |  |                               |  |
| Common Stock         | 08/03/2001          | M       | 10,000  | A   | \$15.00 |  |                               |  |
|                      | 08/03/2001          | S       | 5,300   | D   | \$23.80 |  |                               |  |
|                      | 08/06/2001          | S       | 4,700   | D   | \$23.90 | 15,288   | D                             |  |

Table II -- Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Derivative Security | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date | 4. Code | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities | 8. Price of Derivative Security | 9. Number of Derivative Securities Beneficially Owned at Month | 10. Direct (D) or Indirect (I) | 11. Nature of Indirect Beneficial Ownership |
|---------------------------------|--|---------------------|---------|--|--|--|---------------------------------|--|--------------------------------|---|
|                                 |  |                     |         |  |  |  |                                 |  |                                |   |

Explanation of Responses:  
 SIGNATURE OF REPORTING PERSON  
 /s/ James P. Kane by Faye J. Ringler, Attorney in Fact  
 DATE  
 09/04/2001