
SECURITIES AND EXCHANGE COMMISSION

FORM S-3
REGISTRATION STATEMENT UNDER
THE SECURITIES ACT OF 1933

DIVIDEND REINVESTMENT AND
STOCK PURCHASE PLAN

Sponsored by

SOUTHWEST GAS CORPORATION

(Exact name of Registrant as specified in its charter)

California

(State or other jurisdiction of
incorporation or organization)

88-0085720

(I.R.S. Employer
Identification No.)

5241 Spring Mountain Road

P.O. Box 98510

Las Vegas, Nevada 89193-8510

(702) 876-7237

(Address, including zip code, and telephone number, including
area code, of Registrant's principal executive offices)

GEORGE C. BIEHL

Executive Vice President, Chief Financial Officer and Corporate Secretary

Southwest Gas Corporation

5241 Spring Mountain Road

P.O. Box 98510

Las Vegas, Nevada 89193-8510

(702) 876-7237

(Name, address, including zip code, and telephone number,
including area code, of agent for service)

Approximate date of commencement of proposed sale to the public: From time to time

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If delivery of the prospectus is expected to be made pursuant to Rule 434, please check the following box.

CALCULATION OF REGISTRATION FEE

Title of securities being registered	Amount to be registered	Proposed maximum offering price per share *	Proposed maximum aggregate offering price	Amount of registration fee
Common Stock (\$1 par value)	800,000 shares	\$21.89	\$17,512,000	\$1,611.10

* Pursuant to Rule 457(c), the maximum offering price, per share and in the aggregate, and the registration fee were calculated based upon the average of the high and low composite prices of the Common Stock as reported by the

The Registrant hereby amends this Registration Statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment which specifically states that this Registration Statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, or until the Registration Statement shall become effective on such date as the Securities Exchange Commission, acting pursuant to said Section 8(a), may determine.

The information in this prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

**SUBJECT TO COMPLETION
DATED AUGUST 30, 2002**

PROSPECTUS



**SOUTHWEST GAS
CORPORATION**

**Dividend Reinvestment and Stock Purchase Plan
800,000 Shares of Common Stock, \$1 Par Value**

The Company is offering its shareholders, natural gas customers, employees and residents of Arizona, California and Nevada an opportunity to purchase shares of its Common Stock and to reinvest their Common Stock dividends automatically into additional shares through a Dividend Reinvestment and Stock Purchase Plan (the "Plan"). A summary of the Plan begins on page 3 of this Prospectus, which should be retained for future reference. Holders of the Company's Common Stock who choose not to participate in the Plan will receive cash dividends, as declared, in the usual manner.

Shares of Common Stock acquired through the Plan will be purchased either directly from the Company or the open market. The price of shares purchased by participants in the Plan with reinvested dividends, initial investments or optional payments will be (i) in the case of the purchase of authorized but unissued shares from the Company, the composite closing price of the stock on the "Investment Date" as reported on the consolidated tape for New York Stock Exchange listed securities administered by the Consolidated Tape Association (or, if no trading in the Common Stock occurs on that date, the composite closing price on the next preceding date on which trading occurred) or the weighted average composite closing price as reported on the consolidated tape for the stock purchased during the "Investment Period," and (ii) in the case of the purchase of shares in the open market, the weighted average price (excluding brokerage commissions) paid to obtain the stock during the "Investment Period."

The Common Stock is listed on both the New York and Pacific Stock Exchanges (symbol "SWX"). The annual expenses payable by the Company in connection with the operation of the Plan are approximately \$20,000.

**NEITHER THE SECURITIES AND EXCHANGE COMMISSION NOR ANY STATE SECURITIES
COMMISSION HAS APPROVED OR DISAPPROVED THESE SECURITIES
OR PASSED UPON THE ACCURACY OR ADEQUACY OF THIS PROSPECTUS.
ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.**

The date of this Prospectus is _____, 2002.

AVAILABLE INFORMATION

Southwest Gas Corporation (the "Company") is subject to the informational requirements of the Securities Exchange Act of 1934 (the "Exchange Act") and files reports, proxy statements and other information with the Securities and Exchange Commission (the "SEC"). You can inspect and copy these materials at the Public Reference Room maintained by the SEC at Judiciary Plaza, 450 Fifth Street, N.W., Washington, D.C. 20549; and at the following Regional Offices of the SEC: 175 West Jackson Blvd., Suite 900, Chicago, Illinois 60604; and 233 Broadway, New York, New York 10279. For further information concerning the SEC's public reference rooms, you may call the SEC at 1-800-SEC-0330. Some of the

information may also be accessed on the World Wide Web through the SEC's Internet address at <http://www.sec.gov>. In addition, you may inspect these materials at the offices of the New York Stock Exchange or the Pacific Stock Exchange.

This Prospectus does not contain all the information set forth in the Registration Statement and accompanying exhibits which the Company has filed with the SEC under the Securities Act of 1933.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows the Company to "incorporate by reference" information into this Prospectus, which means that the Company can disclose important information by referring you to another document filed separately with the SEC. Information incorporated by reference is considered part of the Registration Statement, except to the extent that the information is superseded in this Registration Statement. This Registration Statement incorporates by reference the information contained in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2001, the Quarterly Reports on Form 10-Q for the first and second quarters of 2002, and a description of the Company's Common Stock contained in Form 8-A previously filed by the Company with the SEC.

The Company also incorporates by reference the information in all other documents the Company files with the SEC after the date of this Registration Statement. The information contained in any such document will be considered part of this Registration Statement from the date the document is filed.

If you would like to receive a copy of any document incorporated by reference into this Registration Statement (which will not include any of the exhibits to the documents other than those exhibits that are specifically incorporated by reference into this Registration Statement), you should call or write to Shareholder Services, Southwest Gas Corporation, P.O. Box 98511, Las Vegas, Nevada 89193-8511, (800) 331-1119 or (702) 876-7280.

2

THE COMPANY

The registrant, Southwest Gas Corporation, is incorporated under the laws of the State of California effective March 1931. The Company is a natural gas utility serving over 1.4 million customers in Arizona, California and Nevada.

The executive offices of the Company are located at 5241 Spring Mountain Road, P.O. Box 98510, Las Vegas, Nevada 89193-8510, telephone number (702) 876-7237.

USE OF PROCEEDS

To the extent that authorized but unissued shares of Common Stock are purchased directly from the Company under the Plan, the proceeds will be used in connection with the Company's construction program, to pay for additional capital improvements to the Company's facilities, and for other corporate purposes. Pending disbursement for this purpose, the proceeds may be used to reduce the amount of the Company's short-term indebtedness. The Company cannot predict how many unissued shares will be sold under the Plan and, therefore, cannot estimate the amount of proceeds that it will receive.

DESCRIPTION OF THE DIVIDEND REINVESTMENT AND STOCK PURCHASE PLAN

The Company is offering its shareholders, natural gas customers, and employees and residents of Arizona, California and Nevada an opportunity to purchase shares of its Common Stock directly through the Company and to reinvest their Common Stock dividends automatically into shares through the Plan.

The following is a detailed description, in question and answer form, of the Plan. For additional information concerning the Plan, you may telephone the Company at (800) 331-1119 or (702) 876-7280.

PURPOSE

1. *What is the purpose of the Plan?*

The purpose of the Plan is to provide to Company shareholders, natural gas customers, and employees and residents of Arizona, California and Nevada a simple and convenient method of investing in the Company's Common Stock. Shares of Common Stock purchased under the Plan will be either, (i) authorized but unissued shares purchased from the Company ("Original Issue Shares") or (ii) outstanding shares purchased in the open market or through negotiated transactions ("Open Market Shares"). The decision to purchase shares on the open market will depend upon the relationship of the purchase price of the shares and book value of the stock. To the extent shares will be purchased directly from the Company, the Company will use the proceeds for its continuing construction program and for other corporate purposes.

3

FEATURES

2. *What are the features of the Plan?*

Company natural gas customers, employees and residents of Arizona, California or Nevada, who are not already shareholders, may make an initial investment in shares of Common Stock by making a minimum payment of \$100. Thereafter, you may invest in additional shares by making optional payments of no less than \$25; provided that the participant's initial investment and/or optional payments in aggregate do not exceed \$100,000 per calendar year.

You must reinvest all of their cash dividends automatically in additional shares of Common Stock when the total shares owned by you are less than 250 shares. If you own 250 or more shares, you have the option of receiving one-half of your dividends in cash. If you deposit and maintain all of your shares with the Plan for safekeeping purposes only, you will have the option of receiving all of your dividends in cash.

The Company will pay any brokerage commissions or service fees for purchases of shares of Common Stock under the Plan and it will pay all costs for administration of the Plan.

Full investment of funds is possible under the Plan because fractions of shares of Common Stock, as well as full shares, will be credited to your Plan account or accounts (your "Plan account"). In addition, dividends on fractional shares, as well as full shares, will be credited to your Plan account. Regular statements of Plan account will provide simplified record keeping.

ADMINISTRATION

3. *Who administers the Plan for You?*

The Company administers the Plan, maintains records, sends statements of Plan accounts to Plan participants and performs other duties relating to the Plan. The Company will appoint an independent Plan agent ("Plan Agent") to act for you in purchasing and selling shares of Common Stock in the open market through negotiated transactions and, under limited circumstances, from the Company. Subject to the objective of obtaining the lowest overall cost of shares purchased, the Plan Agent will have full discretion as to all matters relating to purchases and sale of such shares. Shares purchased for you under the Plan will be registered in the name of a nominee of the Company and will be held by the nominee for your Plan account until the Company is otherwise instructed by you.

4. *Where should correspondence regarding the Plan be directed?*

All correspondence concerning the Plan should be addressed to:

Shareholder Services
Southwest Gas Corporation
P.O. Box 98511
Las Vegas, NV 89193-8511

PARTICIPATION

5. *Who may participate in the Plan?*

All shareholders of Common Stock, Company natural gas customers and employees and residents of Arizona, California and Nevada are eligible to participate in the Plan.

A Plan account may be opened in your name, in the joint name of you and another person, or in your name as custodian for a minor or as trustee for another person by completing the Enrollment and Authorization Form ("Enrollment Form") in the proper manner.

6. *How does an eligible individual join the Plan?*

* If you are a shareholder of record, you may join the Plan by completing and returning an Enrollment Form. If you are a beneficial shareholder (i.e., the record shareholder is your nominee), evidence acceptable to the Company regarding your ownership of the Company's Common Stock will have to accompany the Enrollment Form.

* If you are a Company natural gas customer, you may join the Plan by completing an Enrollment Form and returning it to the Company along with a minimum initial investment of \$100.

* If you are a Company employee and participate in the Company's Employees' Investment Plan ("EIP"), you may join the Plan by completing and returning an Enrollment Form. If you are a Company employee and do not participate in the Company's EIP, you may join the Plan by completing an Enrollment Form and returning it along with a minimum initial investment of \$100 to the Company.

* If you are a resident of Arizona, California or Nevada and do not otherwise qualify to participate in the Plan, you may join the Plan by completing an Enrollment Form and returning it along with a minimum initial investment of \$100 to the Company.

Enrollment Forms will be furnished to you at any time upon request to Shareholder Services, Southwest Gas Corporation, P.O. Box 98511, Las Vegas, Nevada 89193-8511, or by telephoning the Company at (800) 331-1119 or (702) 876-7280.

7. *When can an eligible individual join the Plan?*

If you are a shareholder or an employee who is participating in the Company's EIP, you may join the Plan at any time. If an Enrollment Form is received on or before the record date for a dividend payment, reinvestment of dividends will begin with that dividend. If the Enrollment Form is received after the record date, reinvestment of dividends will begin with the next dividend payment date. (See Question 10.)

Company natural gas customers, other Company employees and residents of Arizona, California and Nevada who are not already shareholders will join the Plan once their initial investment of \$100 has been used to purchase Common Stock. An initial investment of \$100 received during any month will be invested as of the next Investment Date or during the next Investment Period. (See Question 9.) With the purchase of shares of Common Stock, you will become Plan participants.

5

8. *What does the Enrollment Form provide?*

The Enrollment Form authorizes the Company to do the following:

Initial Investment—Upon receipt of a minimum initial investment payment of \$100 from a Company natural gas customer, Company employee or resident of Arizona, California and Nevada who is not already a shareholder, the Company or the Plan Agent will purchase shares of Common Stock for your Plan account on the next Investment Date or during the next Investment Period. (See Question 9.)

Optional Payments—Upon receipt of optional payments from a minimum of \$25 up to a maximum of \$100,000 per calendar year, the Company or the Plan Agent will purchase shares of Common Stock for your Plan account on the next Investment Date or during the next Investment Period. (See Question 11.)

Dividend Reinvestment—The Company or the Plan Agent will automatically reinvest dividends on all shares of Common Stock held in Plan accounts on the Investment Date or during the next Investment Period that coincides with the payment of dividends for shares. (See Question 10.) The Company or the Plan Agent will also automatically reinvest dividends on all of the shares held of record by you outside the Plan. If you own a total of 250 or more shares, you will have the option of receiving one-half of your dividends in cash. If you deposit and maintain all of your shares with the Plan for safekeeping purposes only, you will have the option of receiving all of your dividends in cash.

INITIAL INVESTMENTS

9. *When will initial investment payments be invested?*

The timing for the investment of the initial payments depends upon whether the shares of Common Stock will be purchased by the Company or the Plan Agent. If the purchases are made by the Company of Original Issue Shares, the purchases will occur twice during the month. If the purchases are made by the Plan Agent of Original Issue or Open Market Shares, the purchases will occur once each month. No interest will be paid on payments received and held by the Company prior to investment.

Company Purchases—Initial investment payments received by the Company by the 10th day of any month will be invested in Original Issue Shares on the 15th day of the month. Initial investment payments received after the 10th and on or before the 25th day of any month will be invested in Original Issue Shares on the first business day of the following month. If any of these dates are not business days, the planned action will be extended to the following business day. Such dates are the "Investment Date(s)" for purposes of the Plan. The Company may delay or authorize the Plan Agent to make purchases directly from the Company during periods when the Plan is being marketed or during other distributions of Common Stock.

Plan Agent Purchases—Initial investment payments received by the 25th day of any month will be invested in Original Issue or Open Market Shares by the Plan Agent during the 30-day period commencing on the 26th day of the month. Such period is the "Investment Period" for the purposes of the Plan.

6

Upon written request received by the Company on or before the Investment Date or the day before the start of the Investment Period in which the initial investment payment is being held by the Company, you may, without withdrawing from the Plan, receive the return of a portion of the initial investment payment, provided that a minimum of \$100 is maintained in the Plan.

REINVESTED DIVIDENDS

10. *When will dividends be reinvested?*

Any dividends on shares of Common Stock to be reinvested will be reinvested on the Investment Date or Investment Period coinciding with the payment of such dividend. Common Stock dividends have ordinarily been paid on the first business day of March, June, September, and December, but no assurance can be given that the Company will continue to pay dividends on this basis.

Instructions regarding the automatic reinvestment of dividends on shares of Common Stock of record will be effective on the next dividend payment date if the shareholder's Enrollment Form is received by the Company by the record date (which is normally the 15th calendar day of the month preceding the month in which a dividend is paid) established for a dividend payment. Instructions received after the record date for a dividend will not be effective until the next dividend payment date.

OPTIONAL PAYMENTS

11. *Who is eligible to make optional payments?*

Once you become a participant, you are eligible to make optional cash payments of at least \$25 at any time. An optional cash payment may be made when joining the Plan by enclosing the payment with the Enrollment Form. Thereafter, optional cash payments should be accompanied by the form provided with your statement of your Plan account.

Optional cash payments cannot be less than \$25 and can not exceed \$100,000 per calendar year per Plan participant. Optional cash payments shall be made by check or money order payable to: Southwest Gas Corporation DRSP, P.O. Box 98511, Las Vegas, Nevada 89193-8511, Attention: Shareholder Services. Your Plan account number should be included on all checks.

12. *When will optional payments be invested and when will dividends be paid on shares of Common Stock purchased with optional payments?*

The timing for the investment of optional payments depends upon whether the Common Stock will be purchased by the Company or the Plan Agent. If the purchases are made by the Company of Original Issue Shares, the purchases will occur twice during the month. If the purchases are made by the Plan Agent of Original Issue or Open Market Shares, the purchases will occur once each month. No interest will be paid on payments received and held by the Company prior to investment.

Company Purchases—Optional payments received by the Company by the 10th day of any month will be invested in Original Issue Shares on the 15th day of the month. Optional payments received after the 10th and on or before the 25th day of any month will be invested in Original Issue Shares on the first business day of the following month. Such dates are the "Investment Date(s)" for purposes of the Plan. If any of these dates are not business days, the planned action will be extended to the following business day. The Company may delay or authorize the Plan Agent to make purchases directly from the Company during periods when the Plan is being marketed or during other distributions of Common Stock.

Plan Agent Purchases—Optional payments received by the 25th day of any month will be invested in Original Issue or Open Market Shares by the Plan Agent during the Investment Period, the 30-day period commencing on the 26th day of the month.

Any dividends on shares of Common Stock purchased with optional payments will be reinvested on the Investment Date coinciding with the payment of a dividend when Original Issue Shares are purchased directly by the Company. Common Stock dividend payment dates are ordinarily the first business day of March, June, September, and December. No assurance can be given that the Company will continue to pay dividends on this basis. When Original Issue or Open Market Shares are purchased by the Plan Agent, the Investment Period will be the 30-day period beginning on the 26th day of the month preceding the dividend date.

You may, without withdrawing from the Plan, have returned any optional payment upon written request received by the Company on or before the Investment Date or the day before the start of the Investment Period for any payment being held by the Company.

13. *How do I make payments?*

The amount of the optional payment made each time may vary. However, you are encouraged to set an investment goal and then send a fixed amount every month or quarter. A payment may be made by enclosing a check or money order payable to Southwest Gas Corporation DRSP with the Enrollment Form or on the optional payment form provided with your statement. In addition, electronic transfers from shareholder checking or savings accounts are available. A payment to be invested must not be included in a check or money order submitted for payment of gas service.

EXPENSES

14. *Are there any expenses charged to me in connection with participation in the Plan?*

There are no expenses charged to participants in connection with purchases of Common Stock under the Plan. All costs of administration of the Plan and any brokerage commissions or service fees incurred in purchasing shares of Common Stock will be paid by the Company. However, if you request that the Company sell your shares, any related brokerage commissions or service fees incurred by the Company will be deducted from the proceeds remitted to you.

PRICING AND PURCHASING OF SHARES

15. *How many shares of Common Stock will be purchased for me?*

8

The number of shares of Common Stock to be purchased for you on any Investment Date or during the Investment Period will depend upon the amount of the optional payments received since the last investment in the Plan, the amount of your dividends to be reinvested and the price of the Company's Common Stock on the Investment Date or during the Investment Period. On each Investment Date or at the end of each Investment Period, your Plan account will be credited with that number of shares, including fractional shares computed to four decimal points, equal to the total amount to be invested and reinvested on your behalf, divided by the price of the Common Stock on the Investment Date or during the Investment Period. Fractional shares will earn proportionate dividends as declared.

16. *How is the price of new shares of Common Stock determined?*

When Original Issue Shares are purchased by the Company, the price of the shares of Common Stock will be the composite closing price of the Common Stock as reported on the consolidated tape for New York Stock Exchange listed securities administered by the Consolidated Tape Association on the Investment Date or, if no trading in the Common Stock occurs on that date, the composite closing price on the next preceding date on which trading occurred. When Original Issue Shares are purchased by the Plan Agent, the price of the shares will be the weighted average composite closing price of the Common Stock, as reported on the consolidated tape for the New York Stock Exchange listed securities administered by the Consolidated Tape Association, acquired during the Investment Period. When Open Market Shares are purchased by the Plan Agent, the price of the shares will be the weighted average price of the Common Stock acquired during the Investment Period.

SAFEKEEPING

17. *You have the option of depositing your share certificates in the Plan.*

An additional option under the Plan is the opportunity to deposit your Common Stock certificates with the Plan for safekeeping. By taking advantage of this option, the risk and inconvenience associated with the loss of your certificates is eliminated. By participating in the Plan through this option, you have the opportunity to buy additional shares of Common Stock, sell shares, and reinvest your dividends through the Plan. You also have the opportunity to receive your dividends in cash.

PARTICIPANT ACCOUNTS AND RECORDS

18. *What records and accounts will be maintained by the Company for me?*

The Company will maintain a Plan account for you. All shares of Common Stock purchased for you under the Plan will be credited to your Plan account. When certificates for shares are issued to you or shares are sold for your Plan account, the shares will be withdrawn from your Plan account.

19. *What Plan reports will be sent to me?*

You will receive a statement of your Plan account after each dividend and after any other Plan account activity. **These statements are your continuing record of the cost of your purchases and should be retained for income tax purposes.** In addition, you will

9

receive each amended Prospectus for the Plan and copies of all communications sent to all other holders of the Company's Common Stock, including the Company's quarterly reports to shareholders, the annual report to shareholders, notice of annual meeting and proxy statement and tax information with respect to dividends paid. You are entitled to vote all shares of Common Stock, including fractional shares, held in your Plan account and will receive a Plan proxy enabling him to vote your shares.

WITHDRAWAL AND TERMINATION

20. *When may I withdraw from the Plan?*

You may withdraw from the Plan by providing a written request to the Company. The requests will be processed upon receipt except during the periods commencing three business days prior to the ex-dividend date for a particular dividend through the payment date for that dividend. During that period, a request will be processed depending upon the time the request is received by the Company. If your request is received within three business days of the ex-dividend date for a particular dividend and on or before the record date for that dividend, the request will be processed after the record date. If your request is received after the record date and on or before the Investment Date or Investment Period for that dividend, your request will not be processed until that dividend is reinvested in your Plan account. (See Question 23.)

21. *How do I withdraw from the Plan?*

In order to withdraw from the Plan, you must notify the Company in writing and instruct the Company to either issue a certificate of the whole shares of Common Stock in your Plan account to you or deliver the proceeds of sale to you. Fractional shares will be sold in all cases. You must have a certified tax identification number on file with the Company on or prior to requesting the sale of shares.

22. *Can the Company terminate me as a participant?*

Yes. The administrative costs to the Company for each Plan account does not justify an inactivity. The Company reserves the right to terminate your Plan account if you have not invested and/or reinvested a minimum of \$100 in any twelve month period. In addition, the Company reserves the right to terminate your Plan account if your check or other form of remittance has not been honored.

23. *What happens upon withdrawal, termination or discontinuance?*

When you withdraw from the Plan or when the Company terminates your Plan account or discontinues the Plan, certificates for all shares of Common Stock credited to the Plan accounts will be issued and a cash payment will be made for fractional shares. Fractional shares will be sold through the Plan Agent and any brokerage commissions or service fees will be deducted from the proceeds before the cash payment is made.

In the alternative, you may request that all of the shares of Common Stock, both whole and fractional, credited to your Plan account be sold. If you request a sale, the sale will be made by the Plan Agent. If the request is received within three business days of the ex-dividend

date for a particular dividend and on or before the record date for that dividend, the request will be processed after the record date. If the request is received after the record date and on or before the Investment Date or Investment Period for that dividend, the request will not be processed until that dividend is reinvested in your Plan account. You will be charged any related brokerage commissions or service fees, and will receive the proceeds of the sale less these amounts.

If your withdrawal request is received by the Company on or before the record date for a particular dividend, that dividend and all subsequent dividends upon shares of Common Stock registered in your name will be paid directly to you. If the request is received after the record date, the withdrawal request will not be processed until that dividend is reinvested in your Plan account. Once the request is processed, all subsequent dividends upon shares registered in your name will be paid directly to you.

If your withdrawal request is received by the Company on or before the Investment Date or the day before the start of the next Investment Period, any payment being held by the Company will be returned. If the request is received after such dates, any payment being held will be reinvested.

24. *Is there a grace period to re-enroll in the Plan?*

No, you can re-enroll in the Plan any time after you have withdrawn from the Plan, as long as you continue to qualify under the terms of the Plan. (See Questions 5 through 8.)

OTHER INFORMATION

25. *Will certificates be issued for shares of Common Stock purchased under the Plan?*

Certificates for shares of Common Stock purchased under the Plan will be issued to you upon your written request to the Company. Upon receipt of such request, certificates for the number of whole shares up to the number credited to your Plan account may be withdrawn from the Plan account and issued to you. Any remaining full and fractional shares will continue to be credited to your Plan account. Certificates for shares issued to you will be registered in the same name or names in which your Plan account is maintained. Dividends on all of your shares, including those shares for which certificates have been issued, will either be reinvested or paid in cash as provided for in the Plan. (See Question 8.) Certificates for fractional shares will not be issued under any circumstances.

26. *May a portion of the shares of Common Stock held in the Plan be sold?*

Yes. Upon receipt of a written request, the Company will withdraw and sell, through the Plan Agent, any number of whole shares of Common Stock credited to your Plan account; provided, you maintain a minimum of 100 shares in your

Plan account. You will be charged any related brokerage commissions or service fees and will receive the proceeds of the sale less these amounts.

If the partial withdrawal request is received within three business days of the ex-dividend date for a particular dividend or between that date and the record date for that dividend, it will be processed after the record date. Dividends on the shares of Common Stock to be withdrawn will either be reinvested or paid in cash as provided for in the Plan. (See Question 8.) You must have a certified tax identification number on file with the Company on or prior to requesting the sale of shares.

27. *May shares of Common Stock in a Plan account be pledged or assigned?*

Shares of Common Stock credited to your Plan account may not be assigned or pledged. If you wish to assign or pledge shares, you must request that certificates for the shares be issued in your name.

28. *How will my shares of Common Stock be voted at meetings of shareholders?*

You will receive Plan proxy cards covering the number of full and fractional shares of Common Stock held under the Plan, enabling you to vote your shares. If a proxy card is returned to the Company properly signed and marked for voting, all the shares covered by the proxy card will be voted as marked. If no instructions are indicated on a properly signed and returned proxy card, your shares will be voted in accordance with the recommendations of the Company.

29. *What is the responsibility of the Company and the Plan Agent under the Plan?*

The Plan provides that the Company and any Plan Agent will not be liable for any act done in good faith or for any good faith omission to act, including, without limitation, any claim of liability arising out of failure to terminate your Plan account upon your death prior to receipt of legally sufficient instructions with respect thereto.

You should recognize that neither the Company nor the Plan Agent can assure your profits or protect you against losses in the value of the shares of Common Stock purchased under the Plan or assure you of any future dividends.

30. *May the Plan be changed or discontinued?*

The Company reserves the right to suspend, modify or discontinue the Plan at any time and to interpret and regulate the Plan as it deems necessary or desirable in connection with the operation of the Plan. You will receive notice of any suspension, modification or termination. The notices will be mailed to you at the addresses shown on the Company's record.

31. *What happens if the Company makes a rights offering?*

As a shareholder, you will be notified by the Company of a rights offering. Upon receiving notification that rights are exercisable, you should instruct the Company, before the rights expire, to exercise the rights. If the Company does not receive such instructions, the Plan Agent will sell the unexercised rights on the open market and proportionally credit your Plan account to the extent the rights are not exercised with the proceeds for investment on the next Investment Date or Investment Period.

On March 5, 1996, the Board of Directors of the Company adopted a Shareholder Rights Plan (the "Rights Plan") pursuant to which the Company will distribute one right ("Right") for each share of Common Stock issued pursuant to the Plan as of the close of business on April 15, 1996 (the "Record Date"). In addition, the Board of Directors authorized the distribution of one Right for each share of Common Stock issued after the Record Date, but prior to the date the Rights become exercisable, are redeemed or expire.

Each full Right, if it becomes exercisable, initially entitles the holder to purchase from the Company a unit of one one-hundredth of a share of Junior Participating Preference Stock, par value \$20.00 per share, at a purchase price of \$45.00 per unit, subject to adjustment. The Rights will expire at the close of business on April 15, 2006 unless redeemed earlier. The Rights may not be exercised, and will not detach or trade separately from the Common Stock except as described below.

The Rights will detach from the Common Stock and may be exercised only if a person or group becomes the beneficial owner of 20% or more of the Common Stock (a "Stock Acquisition"). If a Stock Acquisition occurs (except pursuant to an offer for all outstanding shares of Common Stock which the Company's independent directors determine is adequate and otherwise in the best interests of the Company and its shareholders), the Rights "flip-in" and, each Right not owned by such person will entitle the holder to purchase, at the Right's then-current exercise price, the Common Stock or, if the number of shares of the authorized Common Stock is insufficient to permit the full exercise of the Rights, capital stock or other securities of the Company having an equivalent value equal to twice the Right's exercise price. In addition, if at any time following a Stock Acquisition, (i) the Company is acquired in a merger or other business combination transaction in which the Company is not the surviving corporation (other than a merger which follows an offer at the same price and for

the same consideration as the offer approved by the Board of Directors of the Company as described in the immediately preceding sentence), or (ii) 50% or more of the Company's assets or earnings power is sold or transferred, the Rights "flip-over" and each unexercised Right will entitle its holder to purchase, at the Right's then-current exercise price, common shares of the other company having an equivalent value equal to twice the Right's exercise price. The Rights may be redeemed by the Company at any time prior to ten business days following the date of a Stock Acquisition (which period may be extended by the Company's Board of Directors at any time while the Rights are still redeemable). Upon the occurrence of a "flip-in" or "flip-over" event, if the Rights are not redeemed, the Rights would result in substantial dilution to any person who has acquired 20% or more of the outstanding Common Stock or who attempts to merge or consolidate with the Company. As a result, the Rights may deter potential attempts to acquire control of the Company without the approval of the Company's Board of Directors.

A copy of the Rights Plan is available free of charge from the Company.

32. *What happens if the Company declares a stock split or issues a stock dividend?*

In the event of a stock split or stock dividend, the Company will proportionally credit your Plan account the additional shares of Common Stock attributable to your interest in the Plan.

33. *Can a complete text of the Plan be obtained?*

Yes, you can obtain a copy of the Plan upon request to Shareholder Services.

13

FEDERAL INCOME TAX CONSEQUENCES OF THE PLAN

The Company believes the following is an accurate summary of the tax consequences of participation in the Plan as of the date of this Prospectus. This summary may not reflect every possible situation that could result from participation in the Plan, and, therefore, you are advised to consult your own tax advisors with respect to the tax consequences (including federal, state, local and other tax laws and U.S. tax withholding laws) applicable to their particular situations.

In general, the amount of cash dividends paid by the Company is includable in income even though reinvested under the Plan. Under this general rule, the cost basis for federal income tax purposes of any shares of Common Stock acquired through the Plan will be the price at which the shares are credited to your Plan account as described in the section entitled Pricing and Purchasing of shares. In connection with open market purchases, brokerage commissions paid by the Company on your behalf are to be treated as distributions subject to income tax in the same manner as dividends. The amounts paid for brokerage commissions are, however, includable in the cost basis of shares purchased. The information return sent to you and the IRS at year-end, if so required, will show such amounts paid on their behalf.

A U.S. shareholder electing to participate in the Plan must provide his Taxpayer Identification Number (generally, an individual's Social Security Number) or certify that they are exempt from backup withholdings. Failure to provide a correct Taxpayer Identification Number will result in backup withholdings at the applicable rate. Withholding may also occur upon notification from the Internal Revenue Service directing the Plan to institute backup withholdings.

A foreign shareholder who is a participant and whose dividends are subject to United States income tax withholding will have the amount of the tax to be withheld deducted from such dividends before reinvestment in additional shares of Common Stock for such participant's Plan account. The statements confirming purchases made for a foreign participant will indicate that tax has been withheld.

The final statement received from the Company during any calendar year will include information for that year regarding total dividends paid on Plan shares of Common Stock. In addition, the Company will send you an IRS Form 1099-Dividend at year-end showing total dividends paid on shares held of record. Both statements should be retained for tax reporting purposes.

INTERESTS OF NAMED EXPERTS AND COUNSEL

Robert M. Johnson, Esq., Assistant General Counsel for the Company, has given an opinion to the SEC upon the validity of the shares of Common Stock being registered. Mr. Johnson is employed by the Company on a full-time basis.

Arthur Andersen LLP has not consented to the incorporation by reference of their report in this prospectus on the financial statements of Southwest Gas Corporation for the year ended December 31, 2001, and we have dispensed with the requirement to file their consent in reliance upon Rule 437a of the Securities Act of 1933.

14

Because Arthur Andersen LLP has not consented to the incorporation by reference of their report in this prospectus, you will not be able to recover against Arthur Andersen LLP under Section 11 of the Securities Act of 1933 for any untrue

statements of a material fact contained in the financial statements audited by Arthur Andersen LLP or any omissions to state a material fact required to be stated therein.

DISCLOSURE OF SECURITIES AND EXCHANGE COMMISSION POSITION ON INDEMNIFICATION FOR SECURITIES ACT LIABILITIES

Section 317 of California's General Corporation Law authorizes a court to award, or a corporation's Board of Directors to grant, indemnification to directors, officers and other agents in terms sufficiently broad to permit indemnification under certain circumstances for liabilities, including expenses, arising in connection with the Securities Act of 1933, as amended.

Pursuant to the Articles of Incorporation and the Bylaws of the Company, and in accordance with applicable law, directors and officers of the Company are generally indemnified against judgments, expenses and other amounts actually and reasonably incurred by or imposed upon them in connection with or arising out of any action in which they were or are parties or are threatened to be made parties by reason of their being or having been a director or officer of the Company. In addition, the Company has entered into indemnification agreements with certain officers and directors which provide for indemnification to the full extent permitted by California law.

Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers or persons controlling the Company, the Company has been informed that in the opinion of the SEC such indemnification is against public policy as expressed in the Act and is therefore unenforceable.

No dealer, salesperson or other individual has been authorized to give any information or to make any representations other than those contained or incorporated by reference in this Prospectus in connection with the offer made by this Prospectus and, if given or made, such information or representations must not be relied upon as having been authorized by the Company or any agent, dealer or underwriter. Neither the delivery of this Prospectus nor any sale made hereunder shall under any circumstances create an implication that there has been no change in the affairs of the Company since the date hereof. This Prospectus does not constitute an offer or solicitation by anyone in any state in which such offer or solicitation is not authorized or in which the person making such offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make such offer or solicitation.



SOUTHWEST GAS CORPORATION

**800,000 Shares
COMMON STOCK**

TABLE OF CONTENTS

Page
Prospectus
Available Information 2
Incorporation of Certain Documents
by Reference 2
The Company 3
Use of Proceeds 3
Description of the Dividend Reinvestment
and Stock Purchase Plan 3
Purpose 3
Features 4
Administration 4
Participation 5
Initial Investments

PROSPECTUS

**DIVIDEND REINVESTMENT
AND
STOCK PURCHASE PLAN**

6	Reinvested Dividends
7	Optional Payments
7	Expenses
8	Pricing and Purchasing of Shares
8	Safekeeping
9	Participant Accounts and Records
9	Withdrawal and Termination
10	Other Information
11	Federal Income Tax Consequences of the Plan
14	Interests of Named Experts and Counsel
14	Disclosure of Securities and Exchange Commission Position on Indemnification for Securities Act Liabilities
15	

PART II

INFORMATION NOT REQUIRED IN THE PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution

SEC registration fee	\$ 1,611.10
* Stock exchange listing fees	3,000.00
* Printing expenses	10,000.00
* Accounting fees and expenses	5,000.00
* Legal fees and expenses	5,000.00
* Miscellaneous	5,000.00
	<hr/>
TOTAL	\$ 29,611.10
	<hr/>

* Estimated

Other than the expenses listed above and annual administration costs of approximately \$20,000, no other significant expenses of issuance and distribution are expected to arise since the purchase of the 800,000 shares of the Company's Common Stock, \$1 par value, will be made directly from the Company with no underwriting discounts or commissions payable.

Item 15. Indemnification of Directors and Officers

Section 317 of the General Corporation Law of California provides that a corporation has the power, and in some cases is required, to indemnify an agent, including a director or officer, who was or is a party or is threatened to be made a party to any proceeding, against certain expenses, judgments, fines, settlements and other amounts under certain circumstances. Article VIII of the Registrant's Bylaws provides for the indemnification of directors, officers and agents as allowed by statute. In addition, the Registrant has purchased directors and officers insurance policies which provide insurance against certain liabilities for directors and officers of the Company.

Item 16. Exhibits

<u>Exhibit No.</u>	<u>Description of Exhibit</u>
5.1	Opinion of Counsel of the Company regarding legality of the securities to be registered
23.1	Consent of Counsel of the Company (included in opinion filed as Exhibit 5.1 to this Registration Statement)
24.1	Powers of Attorney

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ MICHAEL O. MAFFIE</u> (Michael O. Maffie)	Director, President and Chief Executive Officer (Principal Executive Officer)	August 30, 2002
<u>/s/ GEORGE C. BIEHL</u> (George C. Biehl)	Director, Executive Vice President, Chief Financial Officer and Corporate Secretary (Principal Financial Officer)	August 30, 2002
<u>/s/ ROY R. CENTRELLA</u> (Roy R. Centrella)	Vice President, Controller and Chief Accounting Officer (Principal Accounting Officer)	August 30, 2002

II-3

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ MANUEL J. CORTEZ *</u> (Manuel J. Cortez)	Director	August 30, 2002
<u>/s/ MARK M. FELDMAN *</u> (Mark M. Feldman)	Director	August 30, 2002
<u>/s/ DAVID H. GUNNING *</u> (David H. Gunning)	Director	August 30, 2002
<u>/s/ THOMAS Y. HARTLEY *</u> (Thomas Y. Hartley)	Chairman of the Board of Directors	August 30, 2002
<u>/s/ MICHAEL B. JAGER *</u> (Michael B. Jager)	Director	August 30, 2002
<u>/s/ LEONARD R. JUDD *</u> (Leonard R. Judd)	Director	August 30, 2002
<u>/s/ JAMES J. KROPID *</u> (James J. Kropid)	Director	August 30, 2002
<u>/s/ CAROLYN M. SPARKS *</u> (Carolyn M. Sparks)	Director	August 30, 2002
<u>/s/ TERRANCE L. WRIGHT *</u> (Terrance L. Wright)	Director	August 30, 2002

* By /s/ GEORGE C. BIEHL
(George C. Biehl)
Attorney-in-fact

II-4

Exhibit Index

**Exhibit
Number**

Description

[5.1](#) Opinion of Counsel of the Company regarding legality of the securities to be registered

[23.1](#) Consent of Counsel of the Company (included in opinion filed as Exhibit 5.1 to this Registration Statement)

[24.1](#) Powers of Attorney

August 26, 2002

Southwest Gas Corporation
P.O. Box 98510
Las Vegas, NV 89193-8510

Ladies and Gentlemen:

As counsel for Southwest Gas Corporation (the "Company"), I have examined the Registration Statement on Form S-3 to be filed by the Company with the Securities and Exchange Commission in connection with the registration under the Securities Act of 1933, as amended, of 800,000 shares of the Company's \$1 par value Common Stock (the "Stock") pursuant to the provisions of the Company's Dividend Reinvestment and Stock Purchase Plan. I also have examined the steps taken by the Company and its Board of Directors in connection with the authorization and proposed issuance and sale of the Stock, and I am familiar with resolutions adopted by the Board of Directors of the Company in connection therewith. I am also familiar with the application filed by the Company with the California Public Utilities Commission for authority to issue the Stock, and the order issued by said Commission authorizing the issuance of same.

Based on the foregoing and upon such other matters as I deem relevant in the circumstances, it is my opinion that the Company has received all required authorizations from state regulatory agencies having jurisdiction over the issuance of the Stock by the Company, and that, subject to the actions authorized by the Company's Board of Directors being taken, the Stock, upon issuance and sale thereof in the manner specified in the Registration Statement, will be duly authorized, legally issued, fully paid, and nonassessable outstanding Stock of the Company.

I hereby consent to the filing of this opinion as an exhibit to the Registration Statement, and I further consent to the use of my name under the caption "Interests of Named Experts and Counsel" in the Registration Statement and the Prospectus which forms a part thereof.

Respectfully submitted,

Robert M. Johnson

**ISSUANCE AND SALE OF COMMON STOCK THROUGH THE
DIVIDEND REINVESTMENT AND STOCK PURCHASE AND
EMPLOYEES' INVESTMENT PLANS**

WHEREAS, The Board of Directors of Southwest Gas Corporation (the "Corporation") has determined that it is in the best interests of this Corporation to issue and sell up to 1,200,000 shares of its \$1 par value common stock (the "Additional Shares") in accordance with the provisions of its Dividend Reinvestment and Stock Purchase Plan (the "DRSPP") and its Employees' Investment Plan (the "EIP"); and

WHEREAS, This Corporation has existing authorization from the California Public Utilities Commission to issue and sell the contemplated level of additional shares of common stock through the DRSPP and the EIP.

NOW, THEREFORE, BE IT RESOLVED, That Board of Directors of this Corporation authorizes the issuance and sale of the Additional Shares to be sold from time to time in accordance with the provisions of the DRSPP and the EIP, subject to first obtaining all required governmental authorizations therefor and compliance with other terms and conditions as are hereinafter specified in these resolutions; and

RESOLVED FURTHER, That the President and Chief Executive Officer; the Executive Vice President, Chief Financial Officer and Corporate Secretary; the Senior Vice President/Finance and Treasurer; the Vice President/Chief Accounting Officer; Controller; and the Assistant Corporate Secretary (collectively, the "Authorized Officers" which term shall include such officers, attorneys, agents, and employees as they may respectively specify) are, and each of them hereby is, authorized to take such actions and execute such instruments as they deem necessary and suitable in order to carry out the intent and purpose of these resolutions and the execution by any such Authorized Officer of any such instrument, or the undertaking by any of them of any such action, in connection with the matters specified in these resolutions shall conclusively establish their authority therefor from this Corporation and the approval and ratification by this Corporation thereof; and

RESOLVED FURTHER, That the Authorized Officers are, and each of them hereby is, authorized and directed, to prepare, execute and cause to be filed with the Securities and Exchange Commission ("SEC") any required registration statements, and all amendments and supplements thereto, for the purpose of registering under the federal securities laws, the Additional Shares for issuance in accordance with the provisions of the DRSPP and the EIP; and

1

RESOLVED FURTHER, That Michael O. Maffie and George C. Biehl are, and each of them hereby is, authorized to act severally as attorneys in fact for and on behalf of this Corporation to execute and file registration statements on the applicable form or forms and on behalf of this Corporation to execute and file any and all amendments and/or supplements thereto to be filed by this Corporation with the SEC under the federal securities laws, for the purpose of registering the Additional Shares for issuance in accordance with the provisions of the DRSPP and the EIP; and

RESOLVED FURTHER, That the Authorized Officers are, and each of them hereby is, authorized in the name and on behalf of this Corporation to prepare and file, or cause to be prepared and filed, applications for listing the Additional Shares on the New York Stock Exchange, the Pacific Stock Exchange, and/or any other stock exchange or exchanges that any of the Authorized Officers deems appropriate if listing of the Additional Shares is deemed advisable by any Authorized Officer; and that the Authorized Officers are, and each of them hereby is, authorized in the name and on behalf of this Corporation to execute and deliver such applications and any listing agreements or documents required by any such exchange in connection therewith, and to make such changes in any of the same as may be necessary or appropriate to conform with the requirements for listing, and to communicate with and to appear (if requested) before the officials of any such exchange, and to file, or cause to be filed, amendments or supplements to any of the foregoing documents and take such other action that any Authorized Officer deems appropriate; and

RESOLVED FURTHER, That the Additional Shares shall be executed on behalf of this Corporation by any one or more of the Authorized Officers, under the corporate seal of this Corporation reproduced or otherwise imprinted thereon, and shall be attested by this Corporation's Secretary or any of its Assistant Secretaries; that the signature of each or both of such officers on the Additional Shares may be manual or facsimile; that the Additional Shares bearing the manual or facsimile signatures of individuals who were at the time the proper officers of this Corporation shall bind this Corporation, notwithstanding that such individuals or any of them have ceased to hold such offices prior to the authentication and delivery of the Additional Shares or did not hold such offices at the dates of issuance of such shares; and

RESOLVED FURTHER, That the Authorized Officers are, and each of them hereby is, authorized to pay any and all expenses and fees arising in connection with the issuance and sale of the Additional Shares, including, without limitation, qualification under the Exchange Act or under securities or Blue Sky laws of any state or other jurisdiction in which such shares are offered, any listings of the Additional Shares on any exchange and otherwise in connection with matters contemplated by these resolutions; and

2

RESOLVED FURTHER, That the Authorized Officers are, and each of them hereby is, authorized in the name and on behalf of this Corporation to make all such arrangements, to do and perform all such acts and things, and to execute and deliver all such officers' certificates, financing documents, and such other instruments and documents as any Authorized Officer deems necessary or appropriate in order to fully effectuate the purposes of the foregoing resolutions and any action taken by this Board; and

RESOLVED FURTHER, That the Authorized Officers are, and each of them hereby is, authorized and directed on behalf of this Corporation to execute and deliver, or to cause to be executed and delivered, any and all agreements and documents necessary to effectuate the foregoing resolutions, with such terms and such changes therein as the Authorized Officers executing the same approve, with such approval being conclusively determined by the execution thereof; and

RESOLVED FURTHER, That each of the Authorized Officers is hereby authorized and directed on behalf of this Corporation to make, or cause to be made, such filings and to take, or cause to be taken, such other actions as may be necessary to effectuate the foregoing resolutions; and

RESOLVED FURTHER, That all acts previously taken by each of the Authorized Officers in order to effectuate the purposes of these resolutions are hereby confirmed and ratified.