### ARTISAN PARTNERS LTD PARTNERSHIP Form SC 13G/A

January 26, 2005

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 5) \*

> Capital Southwest Corporation (Name of Issuer)

Common Stock (Title of Class of Securities)

> 140501107 (CUSIP Number)

December 31, 2004 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

> [x] Rule 13d-1(b) [ ] Rule 13d-1(c) [ ] Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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CUS	IP No. 140501107	13G	Page 2 of 12 Pages
1	NAME OF REPORTING PERSON	•	
	Artisan Partners Limi	ted Partnership	
2	CHECK THE APPROPRIATE BO	OX IF A MEMBER OF A GROUP	(a) [ ]

(b) [ ]

Not Applicable

3 SEC USE	ONLY				
4 CITIZENS		ACE OF ORGANIZATION	1		
NUMBER OF	5 SO	E VOTING POWER			
BENEFICIALLY OWNED BY EACH	6 SH2	6 SHARED VOTING POWER  368,369			
REPORTING PERSON	7 SOLE DISPOSITIVE POWER  None				
WITH	8 SHZ	ARED DISPOSITIVE POW	VER		
9 AGGREGAT 368,3		BENEFICIALLY OWNED	BY EACH REPORTING PE	RSON	
(see Ins	X IF THE tructions	5)	N ROW (9) EXCLUDES CE	RTAIN SHARES	
11 PERCENT 9.6%	OF CLASS	REPRESENTED BY AMOU	JNT IN ROW (9)		
	REPORTING				
		Page 2	of 12		
CUSIP No. 140	 501107	13	3G	Page 3 of 12 Pages	

1		REPORTING PERSON T.R.S. IDENTIFICATION NO. OF ABOVE PERSON	
	Artisa	an Investment Corporation	
2		APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) [ ]
	Not Ap	pplicable	(b) [ ]
3	SEC USE O	NLY	
4	CITIZENSH	HIP OR PLACE OF ORGANIZATION	
	Wiscon	nsin	
		5 SOLE VOTING POWER	
N	IUMBER OF	None	
	SHARES	6 SHARED VOTING POWER	
	MEFICIALLY	368,369	
C	WNED BY	7 COLE DICPOSITIVE DOMED	
D	EACH	7 SOLE DISPOSITIVE POWER  None	
	PERSON	None	
	WITH	8 SHARED DISPOSITIVE POWER	
		368,369	
9	AGGREGATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	368,36	59	
10		IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHAR	 ES
	Not Ap	pplicable	
11	PERCENT O	OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	9.6%		
12	TYPE OF R	REPORTING PERSON cructions)	
	CO		

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CUSIP No. 1405		13G	Page 4 of 12 Pages
S.S. or I	EPORTING PERSO R.S. IDENTIFI	ON ICATION NO. OF ABOVE PERSO	N
(see Inst		BOX IF A MEMBER OF A GROUP	(a) [ ] (b) [ ]
3 SEC USE O	NLY		
4 CITIZENSH U.S.A.	IP OR PLACE OF	F ORGANIZATION	
	5 SOLE VOT	ING POWER	
NUMBER OF	None		
SHARES BENEFICIALLY OWNED BY	6 SHARED VC		
EACH	7 SOLE DISE	POSITIVE POWER	
REPORTING	None		
PERSON WITH		ISPOSITIVE POWER	
9 AGGREGATE	AMOUNT BENEF	ICIALLY OWNED BY EACH REPO	RTING PERSON
368,36	9		
(see Inst		GATE AMOUNT IN ROW (9) EXC	LUDES CERTAIN SHARES

11	PERCENT (	ERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	9.6%					
12	TYPE OF I		RTING PERSON			
	IN					
				Page 4 of 12		
CUSI	IP No. 140	 5011(	 07 	13G	Page 5 of 12 Pages	
1			RTING PERSON	N NO. OF ABOVE PERSON		
	Carle	ne Mı	urphy Ziegler			
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)			A MEMBER OF A GROUP	(a) [ ] (b) [ ]		
	Not A	ppli	cable		(4)	
3	SEC USE (	ONLY				
4	CITIZENS	HIP (	OR PLACE OF ORGA	NIZATION		
	U.S.A	•				
		5	SOLE VOTING PO	WER		
NU	JMBER OF		None			
SHARES BENEFICIALLY		6	SHARED VOTING	POWER		
	NNED BY		368,369			
	EACH	7	SOLE DISPOSITI	VE POWER		
RI	EPORTING		None			
E	PERSON	8	SHARED DISPOSI	TIVE POWER		
	WITH		368,369			
9	AGGREGAT	 E AMO	 DUNT BENEFICIALL	Y OWNED BY EACH REPORTI	: NG PERSON	

368,369

Item 2(e) CUSIP Number:

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) Not Applicable \_\_\_\_\_\_ 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9.6% \_\_\_\_\_\_ TYPE OF REPORTING PERSON (see Instructions) ΙN Page 5 of 12 Item 1(a) Name of Issuer: Capital Southwest Corporation Item 1(b) Address of Issuer's Principal Executive Offices: 12900 Preston Road, Suite 700 Dallas, TX 75230 Item 2(a) Name of Person Filing: Artisan Partners Limited Partnership ("Artisan Partners") Artisan Investment Corporation, the general partner of Artisan Partners ("Artisan Corp.") Andrew A. Ziegler Carlene Murphy Ziegler Item 2(b) Address of Principal Business Office: Artisan Partners, Artisan Corp., Mr. Ziegler and Ms. Ziegler are all located at: 875 East Wisconsin Avenue, Suite 800 Milwaukee, WI 53202 Item 2(c) Citizenship: Artisan Partners is a Delaware limited partnership Artisan Corp. is a Wisconsin corporation Mr. Ziegler and Ms. Ziegler are U.S. citizens Item 2(d) Title of Class of Securities: Common Stock

140501107

(e) Artisan Partners is an investment adviser registered under section 203 of the Investment Advisers Act of 1940; Artisan Corp. is the General Partner of Artisan Partners; Mr. Ziegler and Ms. Ziegler are the principal stockholders of Artisan Corp.

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Item 4 Ownership (at December 31, 2004):

(a) Amount owned "beneficially" within the meaning of rule 13d-3:

368,369

(b) Percent of class:

9.6% (based on 3,857,051 shares outstanding as of October 31, 2004)

- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote: None
  - (ii) shared power to vote or to direct the vote: 368,369
  - (iii) sole power to dispose or to direct the disposition of:  $\label{eq:none} \mbox{None}$ 
    - (iv) shared power to dispose or to direct disposition of: 368,369
- Item 5 Ownership of Five Percent or Less of a Class:

Not Applicable

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

The shares reported herein have been acquired on behalf of discretionary clients of Artisan Partners. Persons other than Artisan Partners are entitled to receive all dividends from, and proceeds from the sale of, those shares. None of those persons, to the knowledge of Artisan Partners, Artisan Corp., Mr. Ziegler or Ms. Ziegler, has an economic interest in more than 5% of the class.

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

Not Applicable

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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Signature

After reasonable inquiry and to the best of my knowledge and belief,  ${\tt I}$  certify that the information set forth in this statement is true, complete and correct.

Date: January 26, 2005

ARTISAN INVESTMENT CORPORATION for itself and as general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Lawrence A. Totsky\*

ANDREW A. ZIEGLER

Andrew A. Ziegler\*

CARLENE MURPHY ZIEGLER

Carlene Murphy Ziegler\*

\*By: /s/ Lawrence A. Totsky

Lawrence A. Totsky
Chief Financial Officer of Artisan
Investment Corporation
Attorney-in-Fact for Andrew A. Ziegler
Attorney-in-Fact for Carlene Murphy
Ziegler

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Exhibit Index

Exhibit 1	Joint Filing Agreement dated as of January 26, 2005 by and among Artisan Partners Limited Partnership, Artisan Investment Corporation, Andrew A. Ziegler, and Carlene Murphy Ziegler
Exhibit 2	Power of Attorney of Andrew A. Ziegler dated as of April 2, 2002
Exhibit 3	Power of Attorney of Carlene M. Ziegler dated as of April 2, 2002