SPIRE CORP Form SC 13D/A November 05, 2008

CUSIP No. 848565107

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

SCHEDULE 13D

(Amendment No. 10)

UNDER THE SECURITIES EXCHANGE ACT OF 1934

Spire Corporation

(Name of Issuer)

Common Stock

(Title of Class of Securities)

848565107

(CUSIP Number)

Kathryn Klinedinst, Esq.
Greenberg Glusker Fields Claman & Machtinger LLP
1900 Avenue of the Stars, Suite 2100
Los Angeles, CA 90067
(310) 201-7576

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

November 5, 2008 (Date of Event which Requires Filing of this Statement)

If the reporting person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Sections 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box / /.

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Section 240.13d-7(b) for other parties to whom copies are to be sent.

* 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 disclosures provided in a prior cover page.

The information required on 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).

CUSIP No. 848565107 ______ 1. Name of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). David Gelbaum, Trustee, The Quercus Trust 2. Check the Appropriate Box If a Member of a Group (See Instructions) (a) [X] (b) [_] _____ 3. SEC Use Only Source of Funds (See Instructions) 5. Check If Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) ______ 6. Citizenship or Place of Organization ______ 7. Sole Voting Power NUMBER OF -0-______ BENEFICIALLY 8. Shared Voting Power OWNED BY 576,101 ______ EACH REPORTING 9. Sole Dispositive Power -0-PERSON WITH 10. Shared Dispositive Power 576,101 ______ 11. Aggregate Amount Beneficially Owned by Each Reporting Person 576,101 12. Check Box If the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) 13. Percent of Class Represented by Amount in Row (11) 14. Type of Reporting Person (See Instructions)

⁽¹⁾ Based on 8,330,688 shares of Common Stock outstanding, as reported in the Issuer's Quarterly Report on Form 10-Q filed on 8/13/08.

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 Name of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). 						
	Monica Ch	avez	Gelbaum, Trustee, The Quercus Trust			
2.	Check the Appropriate Box If a Member of a Group (See Instructions) (a) [X] (b) [_]					
3.	SEC Use Only					
4.	Source of Funds (See Instructions) PF					
5.	Check If Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) [_]					
6.	Citizenship or Place of Organization U.S.					
NUMBER OF		7.	Sole Voting Power			
SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	8.	Shared Voting Power 576,101				
	PORTING ERSON	9.	Sole Dispositive Power			
	WITH	10.	Shared Dispositive Power 576,101			
11.	Aggregate 576,101	Amou	nt Beneficially Owned by Each Reporting Person			
12.	Check Box If the Aggregate Amount in Row (11) Excludes Certain Shares [_]					
13.	Percent of Class Represented by Amount in Row (11) 6.9%(1)					
14.	Type of Reporting Person (See Instructions) IN					

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⁽¹⁾ Based on 8,330,688 shares of Common Stock outstanding, as reported in the Issuer's Quarterly Report on Form 10-Q filed on 8/13/08.

1.		entif	ing Persons. ication Nos. of above persons (entities only).				
 2.	Check the Appropriate Box If a Member of a Group (See Instructions) (a) [X] (b) [_]						
3.	SEC Use Only						
4.	Source of Funds (See Instructions) PF						
5.	Check If I		osure of Legal Proceedings Is Required Pursuant to [_]				
6.	Citizensh	ip or	Place of Organization				
NUMBER OF		7.	Sole Voting Power				
SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	8.	Shared Voting Power 576,101					
	9.	Sole Dispositive Power					
	NIIH	10.	Shared Dispositive Power 576,101				
11.	Aggregate 576,101	Amou	nt Beneficially Owned by Each Reporting Person				
12.	Check Box If the Aggregate Amount in Row (11) Excludes Certain Shares [_]						
13.	Percent o: 6.9%(1)	f Cla	ss Represented by Amount in Row (11)				
14.	Type of Re	eport	ing Person (See Instructions)				
(1)			30,688 shares of Common Stock outstanding, as reported in the				

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Item 1.

and restates, where indicated, the statement on Schedule 13D relating to the Common Stock of the Issuer filed by The Quercus Trust, David Gelbaum and Monica Chavez Gelbaum (the "Reporting Persons") with the Securities and Exchange Commission on August 31, 2007 (the "Initial Schedule 13D"), as amended by Amendment No. 1 to Schedule 13D filed on September 28, 2007, Amendment No. 2 to Schedule 13D filed on October 16, 2007, Amendment No. 3 to Schedule 13D filed on November 20, 2007, Amendment No. 4 to Schedule 13D filed on December 14, 2007, Amendment No. 5 to Schedule 13D filed on February 4, 2008, Amendment No. 6 to Schedule 13D filed on February 22, 2008, Amendment No. 7 to Schedule 13D filed on August 8, 2008, Amendment No. 8 to Schedule 13D filed on August 29, 2008 and Amendment No. 9 to Schedule 13D filed on October 7, 2008. Capitalized terms used in this Amendment No. 10 but not otherwise defined herein have the meanings given to them in the Initial Schedule 13D or prior amendments thereto.

This Amendment No. 10 is being made to disclose the disposition of additional shares of Common Stock of the Issuer. Except as otherwise set forth herein, this Amendment No. 10 does not modify any of the information previously reported by the Reporting Persons in the Initial Schedule 13D or prior amendments thereto.

Item 5. Interest in Securities of the Issuer

- (a) As of the date of this Amendment No. 10, each reporting person beneficially owns 576,101 shares of Common Stock, which are held of record by the Trust.
- (b) Each of David Gelbaum and Monica Chavez Gelbaum, acting alone, has the power to exercise voting and investment control over the shares of Common Stock owned by the Trust.
- (c) Since October 7, 2008, the Reporting Persons have sold shares of Common Stock in brokered transactions as follows:

Date Number of Share Price Per	Share
10/7/2008 -3,500 \$ 13.8	3932
10/8/2008 -6,894 \$ 13.3	3199
10/9/2008 -2,500 \$ 11.9	159
10/10/2008 -7,770 \$ 10.0)413
10/13/2008 -1,797 \$ 11.8	3613
10/14/2008 -1,600 \$ 12.4	1875
10/15/2008 -800 \$ 11.6	875
10/16/2008 -300 \$ 11.6	867
10/17/2008 -600 \$ 11.4	1150
10/20/2008 -702 \$ 11.6	5221
10/21/2008 -100 \$ 11.6	5200
10/22/2008 -400 \$ 11.0	100
10/23/2008 -2221 \$ 10.0)379
10/24/2008 -3076 \$ 8.8	3254
10/27/2008 -1300 \$ 8.3	3769
10/28/2008 -1400 \$ 8.1	700
10/29/2008 -1300 \$ 8.4	1331
10/30/2008 -981 \$ 8.7	1893
10/31/2008 -5129 \$ 8.7	1360
11/3/2008 -5225 \$ 8.4	1976
11/4/2008 -41779 \$ 8.2	2803

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(e) Not applicable.

Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer

Pursuant to the Power of Attorney filed as Exhibit "B" to Amendment No. 1 to Schedule 13D filed on August 24, 2007 with respect to the issuer Emcore Corp., David Gelbaum has been appointed as Monica Chavez Gelbaum's Attorney-In-Fact.

Item 7. Material to Be Filed as Exhibits

Exhibit A: Agreement Regarding Joint Filing of Amendment No. 10 to Schedule 13D.

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SIGNATURE

After reasonable inquiry and to the best of its knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct and agrees that this statement may be filed jointly with the other undersigned parties.

Dated: November 5, 2008 /s/ David Gelbaum

David Gelbaum, Co-Trustee of The Quercus Trust

/s/ David Gelbaum, as Attorney-In-Fact for Monica Chavez Gelbaum

Monica Chavez Gelbaum, Co-Trustee of The Quercus Trust

/s/ David Gelbaum

The Quercus Trust, David Gelbaum, Co-Trustee of The Quercus Trust

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EXHIBIT A

AGREEMENT REGARDING JOINT FILING OF AMENDMENT NO. 10 TO SCHEDULE 13D

The undersigned agree that the Amendment No. 10 to Schedule 13D with respect to the Common Stock of Spire Corporation is a joint filing being made on their behalf.

Dated: November 5, 2008 /s/ David Gelbaum

David Gelbaum, Co-Trustee of The Quercus Trust

/s/ David Gelbaum, as Attorney-In-Fact for Monica Chavez Gelbaum

Monica Chavez Gelbaum, Co-Trustee of The Quercus Trust

/s/ David Gelbaum

The Quercus Trust, David Gelbaum, Co-Trustee of The Quercus Trust

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