

Gelbaum David
Form 4
July 21, 2008

FORM 4

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

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF
SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB
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(Print or Type Responses)

1. Name and Address of Reporting Person *
Quercus Trust

(Last) (First) (Middle)

1835 NEWPORT
BLVD., A109-PMB 467

(Street)

COSTA MESA, CA 92627

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol

SPIRE CORP [SPIR]

3. Date of Earliest Transaction
(Month/Day/Year)

07/17/2008

4. If Amendment, Date Original
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____X____ 10% Owner
____ Officer (give title below) ____ Other (specify below)

6. Individual or Joint/Group Filing(Check
Applicable Line)
____ Form filed by One Reporting Person
__X__ Form filed by More than One Reporting
Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount (A) or (D)	Price	
Common Stock	07/17/2008		S		9,680	D \$ 9.66	926,501 D
Common Stock	07/18/2008		S		7,600	D \$ 10.55	918,901 D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of
information contained in this form are not
required to respond unless the form
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SEC 1474
(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficial Owned Following Transaction (Instr. 6)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Quercus Trust 1835 NEWPORT BLVD. A109-PMB 467 COSTA MESA, CA 92627		X		
Gelbaum David 1835 NEWPORT BLVD. A109-PMB 467 COSTA MESA, CA 92627		X		Co-Trustee
Gelbaum Monica Chavez 1835 NEWPORT BLVD. A109-PMB 467 COSTA MESA, CA 92627		X		Co-Trustee

Signatures

/s/ David Gelbaum, Co-Trustee, The Quercus Trust	07/21/2008
<u> </u> **Signature of Reporting Person	<u> </u> Date

/s/ David Gelbaum, as attorney-in-fact for Monica Chavez Gelbaum, Co-Trustee, The Quercus Trust

07/21/2008

____Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.