SPIRE Corp Form 4 April 05, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB

Number:

3235-0287

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January 31, Expires: 2005

OMB APPROVAL

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if no longer subject to Section 16. Form 4 or

Check this box

SECURITIES Form 5 obligations

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 may continue.

30(h) of the Investment Company Act of 1940 See Instruction

1(b).

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person *_ LIPINSKI DAVID R			2. Issuer Name and Ticker or Trading Symbol			5. Relationship of Reporting Person(s) to Issuer			
			SPIRE Corp [SPIR]				(Check all applicable)		
(Last)	(First) (N	Middle)	3. Date of	Earliest Tra	ınsaction				
			(Month/Da	ay/Year)			_X_ Director		6 Owner
C/O SPIRE CORPORATION, ONE PATRIOTS PARK			04/03/2012			Officer (giv below)	te title Oth below)	er (specify	
(Street)			4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)			Applicable Line)			
BEDFORD,	MA 01730						_X_ Form filed by Form filed by Person	One Reporting Po More than One Ro	
(City)	(State)	(Zip)	Table	I - Non-Do	erivative S	Securities A	cquired, Disposed	of, or Beneficia	lly Owned
1.Title of	2. Transaction Dat	e 2A. Dee	emed	3.	4. Securit	ties	5. Amount of	6. Ownership	7. Nature of
Security (Month/Day/Year) Execution		on Date, if TransactionAcquired (A) or			Securities	Form: Direct	Indirect		
(Instr. 3)		any		Code	Disposed	of (D)	Beneficially	(D) or	Beneficial
		(Month/	/Day/Year)	(Instr. 8)	(Instr. 3,	4 and 5)	Owned	Indirect (I)	Ownership
				Code V	Amount	(A) or (D) Price	Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)
Common							1,200	D	
Stock									

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

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

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D S	Title of perivative ecurity (nstr. 3)	2. Conversion or Exercise Price of Derivative Security	rsion (Month/Day/Year) Execution Date, if Transaction of Execution Date, if Code Secution Execution Date, if Transaction of Execution Date, if Transaction Date		5. Number on Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	of Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		7. Title and Amour Underlying Securit (Instr. 3 and 4)		
					Code V	,	Date Exercisable	Expiration Date	Title	Amo or Num of Share
S	Ion-Qualified tock Option right to buy)	\$ 1.08	04/03/2012		A	2,000	04/03/2012	04/03/2022	Common Stock	2,0

Reporting Owners

Reporting Owner Name / Address	Relationships					
FB	Director	10% Owner	Officer	Other		
LIPINSKI DAVID R C/O SPIRE CORPORATION ONE PATRIOTS PARK BEDFORD, MA 01730	X					

Signatures

David R.
Lipinski

**Signature of Date

**Signature of Reporting Person

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.

Reporting Owners 2