SPIRE CORP Form SC 13G/A April 23, 2009

# SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934 (AMENDMENT NO. 2)\*

SPIRE CORP
(Name of Issuer)
Common Stock
(Title of Class of Securities)
848565107
(CUSIP Number)
04/20/09
(Date of Event which Requires Filing of this Statement)
Check the appropriate box to designate the rule pursuant to which this schedule is filed:
/ / Rule 13d-i(b) /X / Rule 13d-i(c) / / Rule 13d-i(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

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.

which would alter the disclosures provided in a prior cover page.

CUSIP	NO.	848565107	13G/A

NAME OF REPORTING PERSON
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

AMH	Equity LLC						
2		RIATE BOX IF A MEMBER OF A GROUP*					
3	SEC USE ONLY						
4	CITIZENSHIP OR P	LACE OF ORGANIZATION					
	NUMBER OF SHARES BENEFICIALLY	5 SOLE VOTING POWER					
	OWNED BY  EACH	6 SHARED VOTING POWER					
	REPORTING PERSON WITH	7 SOLE DISPOSITIVE POWER					
	WIII	8 SHARED DISPOSITIVE POWER					
9	AGGREGATE AMOUNT 413,023 shares of	BENEFICIALLY OWNED BY EACH REPORTING PERSON f common stock.					
	10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* / /						
11	PERCENT OF CLASS	REPRESENTED BY AMOUNT IN ROW 9					
12	TYPE OF REPORTING	G PERSON*					

CUSI	P NO. 8	48565107		13G/A			
	I.R.S. I	REPORTING IDENTIFICATE	ION NO	. OF ABOVE PERSONS (ENTITIES ONLY)			
2			(b	X IF A MEMBER OF A GROUP*			
3	SEC USE	ONLY					
4	CITIZENS Delaware		CE OF	ORGANIZATION			
		R OF ARES	5	SOLE VOTING POWER 413,023 Shares of Common Stock			
	BENEFICI	ALLY					
		D BY EACH	6	SHARED VOTING POWER			
	REPOR	TING	7	SOLE DISPOSITIVE POWER			
		RSON WITH		413,023 Shares of Common Stock			
				SHARED DISPOSITIVE POWER			
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 413,023 shares of common stock.						
	LO CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* / /						

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

4.96%

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12 TYPE OF REPORTING PERSON\* PN

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ITEM 1: (a) NAME OF ISSUER:

SPIRE CORP

(b) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:
ONE PATRIOTS PARK
Bedford, MA 01730

ITEM 2: (a) NAME OF PERSON FILING:

This Schedule 13G/A is jointly filed by Leviticus Partners, L.P., a Delaware limited partnership ("Leviticus") and AMH Equity, LLC ("AMH"), a New York limited liability company (each a "Reporting Person" and, collectively, the "Reporting Persons"). AMH is the general partner of Leviticus.

(b) ADDRESS OF PRINCIPAL BUSINESS OFFICE:

C/O Leviticus Partners LP The Lincoln Building 60 East 42nd Street Suite 901 New York, NY 10165

(c) CITIZENSHIP:

See above

(d) TITLE OF CLASS OF SECURITIES:

SEE COVER PAGE

(e) CUSIP NUMBER:

SEE COVER PAGE

ITEM 3: See Item 12 above

ITEM 4: (a) AMOUNT BENEFICIALLY OWNED:

See Item 9 above

(b) PERCENT OF CLASS:

See Item 11 above

(c) NUMBER OF SHARES AS TO WHICH SUCH PERSON HAS VOTING AND DISPOSITIVE POWERS:

See Items 5 and 7 above

ITEM 5: OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS: / X /

ITEM 6: OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER

PERSON:

N/A

The principal address of Leviticus is:

60 East 42nd Street

Suite 901

New York, NY 10165

ITEM 7:

Inapplicable

ITEM 8:

Inapplicable

ITEM 9: NOTICE OF DISSOLUTION OF GROUP:

Inapplicable

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 theordinary course of business and were not acquired and are not held for the purpose of and do not have 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 such purpose or effect.

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

Date: April 23, 2009

Leviticus Partners, L.P.

By: AMH Equity, LLC, its general partner

By: /s/ Adam Hutt Name: Adam Hutt

Title: Managing Member

AMH Equity, LLC By: /s/ Adam Hutt

Name: Adam Hutt

Title: Managing Member

#### "2">Amount(A) or (D)Price

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 displays a currently valid OMB control number.

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. Transacti Code (Instr. 8)	TransactionDerivative Expira Code Securities (Mont			7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option to Purchase	\$ 2.1	03/11/2009		A	17,500 (1)	(2)	03/11/2014	Common Stock	17,500 (1)

## **Reporting Owners**

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
CORROON JAMES M 11290 PYRITES WAY SUITE 200 GOLD RIVER, CA 95670	X					

## **Signatures**

L. Eric Loewe, attorney in fact for James M.
Corroon 03/13/2009

\*\*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).

Reporting Owners 6

- (1) Approximate number of options taken in lieu of cash comensation for services as a director in 2008.
- (2) Options vest ratably over 12 months.

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.