

Connors Lawrence B
 Form 4
 May 27, 2010

FORM 4

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

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Connors Lawrence B

2. Issuer Name and Ticker or Trading Symbol
 Regency Energy Partners LP
 [RGNC]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 2001 BRYAN STREET, SUITE 3700
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 05/26/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Sr. Vice President

DALLAS, TX 75201

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

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

(City) (State) (Zip)

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)
				(A) or (D)	Price		
Common Units ⁽¹⁾	05/26/2010		M	8,750	A (4)	86,829	D
Common Units	05/26/2010		F	3,638 ⁽²⁾	D \$ 22.25	83,191	D

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)

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 (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. Amount or Number of Shares
Phantom Units ⁽³⁾	<u>(4)</u>	05/26/2010		M	8,750	05/26/2010 05/26/2010	Common Units	8,750

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Connors Lawrence B 2001 BRYAN STREET SUITE 3700 DALLAS, TX 75201			Sr. Vice President	

Signatures

/s/ Paul M. Jolas, Power of Attorney 05/26/2010

**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).
- (1) The holder settled 100 percent of his phantom units for RGNC common units on the date of vesting.
- (2) These common units were withheld to satisfy the applicable income and FICA tax liabilities upon the vesting of phantom units, as reported in Table II, and the vesting of 5,000 restricted common units.
- (3) These Phantom Units were granted on May 27, 2009. 4,500 of the phantom units contractually convert into a variable number of common units based on total unitholder return over a three year period or upon a change in control. This transaction represents the vesting of the original grant of 4,500 market condition phantom units multiplied by a factor of 1.5 due to a change in control event on May 26, 2010 in accordance with the terms of the grant plus the remaining 2,000 service condition phantom units.
- (4) Each Phantom Unit is the economic equivalent of one common unit representing a limited partner interest in Regency Energy Partners LP.

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.