

Atlas Resource Partners, L.P.
 Form 4
 May 17, 2012

FORM 4

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

OMB APPROVAL

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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 *
 Slotterback Jeffrey M

(Last) (First) (Middle)
 1845 WALNUT STREET, 10TH FLOOR
 (Street)

PHILADELPHIA, PA 19103

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 Atlas Resource Partners, L.P. [ARP]

3. Date of Earliest Transaction (Month/Day/Year)
 05/15/2012

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Chief Accounting Officer

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 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 Units	05/15/2012		A		6,000	A	<u>(1)</u> 6,031 <u>(2)</u>

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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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. Amount or Number of Shares
Unit Options (right to buy)	\$ 24.67	05/15/2012		A	10,000	(3) 05/15/2022	Common Units	10,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Slotterback Jeffrey M 1845 WALNUT STREET, 10TH FLOOR PHILADELPHIA, PA 19103			Chief Accounting Officer	

Signatures

Lisa Washington,
Attorney-In-Fact

05/17/2012

__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).
- The reporting person is a participant in the Atlas Resource Partners, L.P. (the "Partnership") 2012 Long-Term Incentive Plan (the "Plan").
- (1) The reporting person received 6,000 phantom units under the Plan on May 15, 2012. Each phantom unit represents the right to receive, upon vesting, one common unit of the Partnership. The phantom units in the Plan vest 25% per year. The units are receivable without additional consideration.
 - (2) In connection with the Partnership's spin-off from Atlas Energy, L.P. ("ATLS"), the Partnership's common units were distributed to ATLS unitholders using a ratio of 0.1021 to 1. The reporting person's units set forth in this report have been adjusted accordingly.
 - (3) The reporting person received 10,000 options under the Plan on May 15, 2012. The options vest 25% per year.

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.