

Atlas Resource Partners, L.P.
 Form 4
 April 04, 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 *
 Craig Dolly Ann

(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)

04/03/2012

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)

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 Beneficial Ownership (Instr. 4) | | |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|-----|-------|
| | | | | (A) or (D) | Code | V | Amount | (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 | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative | 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 |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|-------------------------|--|---|---------------------------------|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|-------------------------|--|---|---------------------------------|

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| (Instr. 3) | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | (Instr. 5) | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
|------------------|------------------------------------|------------------|------------|---|------------|------|-----|-----------------|-----|---------------------|--------------------|-------|--|
| Phantom Units | (1) | 04/03/2012 | (1) | A | 869 | (1) | (1) | Common Units | 869 | (1) | | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Craig Dolly Ann 1845 WALNUT STREET, 10TH FLOOR PHILADELPHIA, PA 19103 | X | | | |

Signatures

Lisa Washington,
Attorney-in-Fact

04/04/2012

__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).

(1) The undersigned is a participant in the Atlas Resource Partners, L.P. (the "Partnership") 2012 Long-Term Incentive Plan (the "Plan"). The reporting person received 869 phantom units under the Plan on April 3, 2012. Each phantom unit represents the right to receive, upon vesting, either one common unit of limited partner interest of the Partnership or its then fair market value in cash. The phantom units 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.

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