

MCCAUSLAND BONNIE F  
Form 3  
May 14, 2012

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 * |         | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol                     |  |
| MCCAUSLAND BONNIE F                       |         | (Month/Day/Year)                     | AIRGAS INC [ARG]   |  |
| (Last)                                    | (First) | (Middle)                             | 08/08/2011   |  |
| ERDENHEIM FARM, P.O. BOX 274              |         |                                      | 4. Relationship of Reporting Person(s) to Issuer                       | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| (Street)                                  |         |                                      | (Check all applicable)   |  |
| LAFAYETTE HILL, PA 19444                  |         |                                      | <input type="checkbox"/> Director                                      | <input checked="" type="checkbox"/> 10% Owner        |
| (City)                                    | (State) | (Zip)                                | <input type="checkbox"/> Officer                                       | <input type="checkbox"/> Other                       |
|   |         |                                      | (give title below)   | (specify below)                                      |
|   |         |                                      | 6. Individual or Joint/Group Filing(Check Applicable Line)             |  |
|   |         |                                      | <input checked="" type="checkbox"/> Form filed by One Reporting Person |  |
|   |         |                                      | <input type="checkbox"/> Form filed by More than One Reporting Person  |  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock                    | 5,759,967   | D  |   |
| Common Stock                    | 1,795,940   | I <sup>(1)</sup>   | By trust  |
| Common Stock                    | 15,700  | I <sup>(2)</sup>   | By immediate family                                   |

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

SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying | 4. Conversion | 5. Ownership | 6. Nature of Indirect Beneficial Ownership |
|--|--|--|---------------|--------------|--|
|--|--|--|---------------|--------------|--|

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| Date Exercisable | Expiration Date | Title | Derivative Security (Instr. 4)<br>Amount or Number of Shares | or Exercise Price of Derivative Security | Form of Derivative Security: Direct (D) or Indirect (I)<br>(Instr. 5) | (Instr. 5) |
|------------------|-----------------|-------|--|--|---|------------|
|------------------|-----------------|-------|--|--|---|------------|

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| MCCAUSLAND BONNIE F<br>ERDENHEIM FARM<br>P.O. BOX 274<br>LAFAYETTE HILL, PA 19444 | Â             | Â X       | Â       | Â     |

## Signatures

Bonnie F. McCausland 05/14/2012

\_\_Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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) Represents shares of Airgas, Inc. common stock held in six separate grantor retained annuity trusts for which the reporting person is a co-trustee and either she or her spouse is a beneficiary.
- (2) Represents shares of Airgas, Inc. common stock owned directly by her spouse and indirectly by the reporting person.

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.