

WOLF HENRY C  
Form 4  
December 16, 2010

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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 \*  
WOLF HENRY C

2. Issuer Name and Ticker or Trading Symbol  
AGL RESOURCES INC [AGL]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

TEN PEACHTREE PLACE

3. Date of Earliest Transaction  
(Month/Day/Year)  
12/15/2010

Director  10% Owner  
 Officer (give title below)  Other (specify below)

(Street)

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

ATLANTA, GA 30309

(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 Indirect 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.

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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 | 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 | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|--|------------------------------------|--------------------------------------|--|--------------------------------|--|--|---|
|--|------------------------------------|--------------------------------------|--|--------------------------------|--|--|---|

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| Derivative Security             | Code | V | Disposed of (D)<br>(Instr. 3, 4, and 5) |     | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |         |
|---------------------------------|------|---|---|-----|------------------|-----------------|-------|----------------------------|---------|
|                                 |      |   | (A)                                     | (D) |                  |                 |       |                            |         |
| Common Stock Equivalents (CSEs) | (1)  |   | 12/15/2010                              | A   | 765.879          | (2)             | (2)   | Common Stock               | 765.879 |

## Reporting Owners

| Reporting Owner Name / Address                           | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| WOLF HENRY C<br>TEN PEACHTREE PLACE<br>ATLANTA, GA 30309 |               | X         |         |       |

## Signatures

Barbara P. Christopher, by power of attorney  
12/16/2010

\_\_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 CSEs convert to common stock on a one-for-one basis.
- (2) The CSEs are settled in cash upon the reporting person's termination of service.
- (3) Includes 102.127 CSEs allocated to the reporting person's account on September 1, 2010 and 105.092 CSEs allocated to the reporting person's account on December 1, 2010 pursuant to a dividend reinvestment feature of the CSE Plan.

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.