FORM 4

### **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

| OMB A | PPR | OVA |
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|--------------------------|-----------|
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| hours per response:      | 0.5       |

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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|---|----------------|----------|--|---|----------------------------------|-----------------------|--|--|--|
| 1. Name and Address of Reporting Ferson |                |          | 2. Issuer Name <b>and</b> Ticker or Trading Symbol Clean Energy Fuels Corp. [ CLNE ] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |                                  |                       |  |  |  |
| PICKENS BOONE                           |                |          |  |   | Director                         | 10% Owner             |  |  |  |
| (Last) (First) (Middle)                 |                |          |  |   | Officer (give title              | Other (specify below) |  |  |  |
|   |                | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)                                     |   | below)                           |                       |  |  |  |
| C/O CLEAN ENERGY FUELS CORP.            |                |          | 12/01/2010   |   |                                  |                       |  |  |  |
| 3020 OLD RANCI                          | H PARKWAY #400 |          |  |   |                                  |                       |  |  |  |
| (Street)                                |                |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)                             | 6. Indiv  | idual or Joint/Group Filing (Che | eck Applicable Line)  |  |  |  |
| SEAL BEACH                              | CA             | 90740    |  | X   | Form filed by One Reporting      | g Person              |  |  |  |
|   | CH             |          |  |   | Form filed by More than On       | e Reporting Person    |  |  |  |
| (City)                                  | (State)        | (Zip)    |  |   |                                  |                       |  |  |  |

#### Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | if any | xecution Date, Transaction |   | Disposed Of (D) (Instr. 3, 4 and 5) |               |       | Securities | Form: Direct (D)<br>or Indirect (I)<br>(Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--|--------|----------------------------|---|-------------------------------------|---------------|-------|------------|---|---|
|                                 |  |        | Code                       | v | Amount                              | (A) or<br>(D) | Price | 3 and 4)   |   | (11150.4)   |

# Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of<br>Derivative<br>Security (Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security |            | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transac<br>Code (li<br>8) |   |        |     | Expiration Date<br>(Month/Day/Year) |                    | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security (Instr.<br>3 and 4) |                                     | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | Following<br>Reported        | Form:<br>Direct (D) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|--|---|------------|---|---------------------------------|---|--------|-----|-------------------------------------|--------------------|--|-------------------------------------|---|------------------------------|---------------------|--|
|  |   |            |   | Code                            | v | (A)    | (D) | Date<br>Exercisable                 | Expiration<br>Date | Title  | Amount<br>or<br>Number of<br>Shares |   | Transaction(s)<br>(Instr. 4) |                     |  |
| Stock Option<br>(Right to Buy)                   | \$13.49   | 12/01/2010 |   | A                               |   | 20,000 |     | (1)                                 | 12/01/2020         | Common<br>Stock  | 20,000                              | \$13.49   | 20,000                       | D                   |  |

## Explanation of Responses:

1. The stock option was granted to the Reporting Person under the Issuer's Amended and Restated 2006 Equity Incentive Plan. The stock option vests as to 34% of the total shares subject to the stock option upon the first anniversary of the date of grant, and 33% on each anniversary thereafter until the stock option is fully vested.

/s/ Mitchell W. Pratt, Attorney-in-Fact 12/03/2010

\*\* Signature of Reporting Person Date

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

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.

 $<sup>^{\</sup>star}$  If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).