FORM 4

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

Washington, D.C. 20549

| wasnington, | D.C. 20549 |  |
|-------------|------------|--|
|             |            |  |

|   | OMB APPROVAL        |           |  |  |  |  |  |  |  |
|---|---------------------|-----------|--|--|--|--|--|--|--|
|   | OMB Number:         | 3235-0287 |  |  |  |  |  |  |  |
|   | Estimated average b | urden     |  |  |  |  |  |  |  |
| ı | hours per respense: | 0.5       |  |  |  |  |  |  |  |

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

| 1. Name and Address of Reporting Person*  PICKENS BOONE |  |  |   | 2. Issuer Name <b>and</b> Ticker or Trading Symbol Clean Energy Fuels Corp. [ CLNE ] |   |            |                      |   |                    | (Ch   | elationship of the control of the co | able)   | g Perso                                       | on(s) to Issu<br>10% Ow   |                                       |        |  |
|---|--|--|---|--|---|------------|----------------------|---|--------------------|---|--|---|---|---|---------------------------------------|--------|--|
| (Last)  | `  | irst)<br>GY FUELS CO                       | (Middle)<br>RP.   |  | 3. Date of Earliest Transaction (Month/Day/Year) 12/01/2010 |            |                      |   |                    |   |  | Officer<br>below)   | (give title                                   |   | Other (specification)                 | pecify |  |
| 3020 OLD RANCH PARKWAY #400                             |  |  |   | 4. 1   | If Amendment, Date of Original Filed (Month/Day/Year)       |            |                      |   |                    |   |  | 6. Individual or Joint/Group Filing (Check Applicable   |   |   |                                       |        |  |
| (Street) SEAL BEACH CA 90740                            |  |  |   |  |   |            |                      |   |                    | Line  | X Form filed by One Reporting Person Form filed by More than One Reporting Person  |   |   |   |                                       |        |  |
| (City)  | (S   | tate)                                      | (Zip)   |  |   |            |                      |   |                    |   |  |   |   |   |                                       |        |  |
|   | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned   |  |   |  |   |            |                      |   |                    |   |  |   |   |   |                                       |        |  |
| Date  |  |  | Transaction<br>ate<br>Month/Day/Ye                      | Execution Date,  |   | Code (Inst |                      |   |                    | 5. Amour<br>Securitie<br>Beneficia<br>Owned F<br>Reported | s<br>ally<br>ollowing  | Form:<br>(D) or   | orm: Direct<br>D) or Indirect<br>) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership               |                                       |        |  |
|   |  |  |   |  |   | Code V     | Amount               | (A) or (D)  | Price              | Transact<br>(Instr. 3 a                                   | tion(s)  |   |   | Instr. 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<br>(Instr. 3)     | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security  | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date<br>if any<br>(Month/Day/Ye | Code (   | ansaction of Expir  |            | <b>Expiration Da</b> | 5. Date Exercisable and Expiration Date Month/Day/Year)  7. Title and Amo of Securities Underlying Derivative Secu (Instr. 3 and 4) |                    |   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)  | 9. Number<br>derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | ly  | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |        |  |
|   |  |  |   | Code   | v   | (A)        | (D)                  | Date<br>Exercisable   | Expiration<br>Date | Title   | Amount<br>or<br>Number<br>of<br>Shares   |   |   |   |                                       |        |  |
| Stock<br>Option<br>(Right to<br>Buy)                    | \$13.49  | 12/01/2010                                 |   | A  |   | 20,000     |                      | (1)   | 12/01/2020         | Common<br>Stock   | 20,000   | \$13.49   | 20,000  |   | D                                     |        |  |

## ${\bf Explanation\ of\ Responses:}$

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

\*\* Signature of Reporting Person

Date

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

- $^{\star}$  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).

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.