FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB Number: 3235-0287

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). |
|---|---------------------------------------------------------------------------------------------------------------------------|
| 1 | alame and Address of Reporting Person* |

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 [*] <u>Pickens Madeleine</u> | | | 2. Issuer Name and Ticker or Trading Symbol <u>Clean Energy Fuels Corp.</u> [CLNE] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director X 10% Owner |
|----------------------------------------------------------------------------------|----------------------------|----------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (Last) 8117 PRESTON I | (First) ROAD, SUITE 260 | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 01/25/2010 | . Officer (give title Other (specify below) below) |
| (Street) DALLAS (City) | TX (State) | 75225 (Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year) | Individual or Joint/Group Filing (Check Applicable Line) X 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) | Date | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transac Code (li 8) | tion | 4. Securities Ac Disposed Of (D) | | | Securities | or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|------|-------------------------------------------------------------|---------------------------------|------|-------------------------------------|---------------|-------|------------|-------------------------------|-------------------------------------------------------------------|
| | | | Code | v | Amount | (A) or (D) | Price | 3 and 4) | | (1130. 4) |

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 Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transac Code (Ir 8) | | Derivative E | | Expiration Date | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | Reported | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------|---------------------------------|---|--------------|---------|---------------------|--------------------|--------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------|------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------|
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | |
| Call Options (Obligation to Sell) | \$15.52 | 01/25/2010 | | S | | | 450,000 | (1) | (1) | Common Stock | 450,000 | \$ 0 | 450,000 | Ι | By Spouse ⁽²⁾ |

Explanation of Responses:

1. The option vests as to 20%, 40% and 40% of the total shares subject to the option upon the first, second and third anniversary of the date of grant, respectively. Each vested portion of the option will be forfeited on the first anniversary of the applicable vesting date if not exercised prior to such anniversary.

2. The reporting person disclaims any beneficial ownership of these securities, and this report shall not be deemed an admission that the reporting person is the beneficial owner of the securities for purposes of Section 16 or for any other purpose.

/s/ Madeleine Pickens

** Signature of Reporting Person

01/25/2010

Date

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

* 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.

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