FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
|-------------|------|-------|
|-------------|------|-------|

| STATEMENT | OF CHANGES I | IN BENEFICIAL | OWNERSHIP |
|-----------|--------------|---------------|-----------|

| l | OMB APPR | ROVAL |
|---|----------------------|-----------|
| | OMB Number: | 3235-0287 |
| l | Estimated average bu | rden |
| l | 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).

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* GREEHEY WILLIAM E | | | | | 2. Issuer Name and Ticker or Trading Symbol NuStar Energy L.P. [NS] | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | | | | |
|---|--|------|---------------|-------------------------------------|--|---|--|---|-----------------|---|--------------------|---|---|----------------------------------|---|---|--|---------------------------------------|----------|
| (Last) | (Fir | | Middle) | | | 3. Date of Earliest Transaction (Month/Day/Year) 03/06/2013 | | | | | | | | X | Office | Director Officer (give title below) | | 10% Owner Other (specify below) | |
| (Street) SAN AN (City) | TONIO TX | | 78257 Zip) | | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | 6. Indiv Line) X | Form | r Joint/Group Filing (Check Applicable I filed by One Reporting Person I filed by More than One Reporting In the state of | | | | |
| | | Tabl | e I - N | on-Deriv | ative | Seci | uritie | s Ac | quired | l, Di | sposed o | f, or B | enefic | ially | Owne | ed | | | |
| 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/ | | | | Execution Date, | | | | s Acquired (A) or f (D) (Instr. 3, 4 and | | nd 5) Secur Benef | | icially d Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | | |
| | | | | | | | | | Code | v | Amount | (A) or (D) | Price | | Transa | action(s) 3 and 4) | | | (msu. 4) |
| Common Units 03/06/20 | | | 2013 |)13 | | | P | | 85,000 | A ⁽¹⁾ | \$48 | .1195 | | 167,577 | D | | | | |
| | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | |
| Derivative Conversion Date Execution Date, Gecurity or Exercise (Month/Day/Year) if any | | | | ransaction of code (Instr. Deriv | | rities ired osed | 6. Date Exercisable Expiration Date (Month/Day/Year) | | ite | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | Deriv Secu (Inst | | tive derivative ty Securities | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | n: ct (D) direct | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | | | Code | v | (A) | (D) | Date Exercis | sable | Expiration Date | Title | Amount or Number of Shares | | | | | | |

Explanation of Responses:

1. This transaction was executed in multiple trades at prices ranging from \$47.20 per unit to \$48.64 per unit. The price reported above reflects the weighted average purchase price. Note that due to field restrictions in Table 1, Column 4, the last decimal place does not appear. The total weighted average purchase price is actually \$48.11947. Upon request from the Securities and Exchange Commission or a unitholder of the issuer, full information regarding the number of units purchased at each separate price will be made available.

> /s/ Matthew D. Willcox, as Attorney-in-fact for William E. 03/08/2013 <u>Greehey</u>

** Signature of Reporting Person 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.