

Lindsay Ronald Carter
 Form 4
 December 14, 2010

FORM 4

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

OMB APPROVAL

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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 *
 Lindsay Ronald Carter

(Last) (First) (Middle)

EASTMAN CHEMICAL
 COMPANY, 200 SOUTH WILCOX
 DRIVE

(Street)

KINGSPORT, TN 37660

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

EASTMAN CHEMICAL CO [EMN]

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

12/10/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 EVP, Perf Polymrs & Chem Inter

6. Individual or Joint/Group Filing(Check Applicable Line)

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) | 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 (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) | Price | | |
| | | | | Code | V | Amount | |

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 | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transaction of | 5. Number of Derivative | 6. Date Exercisable and Expiration Date | 7. Title and Amount of Underlying Securities | 8. Price of Derivative |
|------------------------|---------------|--------------------------------------|-------------------------------|-------------------|-------------------------|---|--|------------------------|
|------------------------|---------------|--------------------------------------|-------------------------------|-------------------|-------------------------|---|--|------------------------|

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| Security (Instr. 3) | or Exercise Price of Derivative Security | any (Month/Day/Year) | Code (Instr. 8) | Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | (Month/Day/Year) | (Instr. 3 and 4) | | | | Security (Instr.) |
|---------------------|--|----------------------|-----------------|---|------------------|------------------|--------------|------------------|--|-------------------|
| Phantom Stock Units | \$ 0 ⁽¹⁾ | 12/10/2010 | D | 1,922 ⁽²⁾ | <u>(1)</u> | <u>(1)</u> | Common Stock | 1,922 <u>(2)</u> | | \$ 81 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|--------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Lindsay Ronald Carter EASTMAN CHEMICAL COMPANY 200 SOUTH WILCOX DRIVE KINGSPORT, TN 37660 | | | EVP, Perf Polymrs & Chem Inter | |

Signatures

Brian L. Henry, by Power of Attorney
12/14/2010
Date

 Signature of Reporting Person

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) Phantom stock units credited under the Executive Deferred Compensation Plan (the "EDCP"), each having a value equal to the market value of one share of issuer common stock and payable only in cash and, subject to certain acceleration and early withdrawal provisions, after termination of employment.
 - (2) Early cash distribution of amount deferred prior to January 1, 2005 and credited to phantom stock units in the EDCP as a result of one-fifth or more of EDCP participants with one-half or more of amounts deferred prior to January 1, 2005 in the EDCP having elected early withdrawal within the prior six months.
 - (3) Includes 642 units credited under the Executive Deferred Compensation Plan since April 2, 2007 as hypothetical reinvestment of dividend equivalents.

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.