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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| OMB APPROVAL | | | | | | | |
|--------------------------|----|--|--|--|--|--|--|
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|---|--|----------|--|--|---|---|---|------------------|--|---|---|---|--|--|
| 1. Name and Addre | | | 2. Issuer Name and Ticker or Trading Symbol MINERALS TECHNOLOGIES INC [MTX | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | | |
| CLARK RO | <u>DERI L</u> | | 1 | | | | | | X | X Director 10% Owner | | | | |
| | | | | | | | | | | Officer (give title below) | Other below | (specify | | |
| (Last) (First) (Middle) 622 THIRD AVENUE | | | | 3. Date of Earliest Transaction (Month/Day/Year) 12/09/2016 | | | | | | 201011) | 201011 | | | |
| (Street) | | 4. If Ar | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | 6. Indi Line) | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | |
| NEW YORK NY 10017 | | | | | | | | | X | X Form filed by One Reporting Person | | | | |
| (City) | (State) | (Zip) | | | | | | | | Form filed by Mo Person | re than One Rep | oorting | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | |
| Date | | | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A Disposed Of (D) (Instr. 3, 5) | | | 5. Amount of Securities Beneficially Owned Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | | v | Amount | (A) or (D) | Price | Reported Transaction(s) (Instr. 3 and 4) | | (Instr. 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. Transa Code (8) | | 5. Num of Deriva Securi Acquir (A) or Dispos of (D) (Instr. and 5) | tive ties red sed 3, 4 | Expiration Date (Month/Day/Year) | | te Amount of | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 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 | | | | |
| Phantom Stock Units | (1) | 12/09/2016 | | A | | 8.004 | | (2) | (2) | Common Stock | 8.004 | \$0 | 13,069.842 | D | |

Explanation of Responses:

1. Each phantom stock unit is the economic equivalent of one share of Minerals Technologies Inc. Common Stock.

2. The phantom stock units were accrued under the Minerals Technologies Inc. Non-Funded Deferred Compensation and Unit Award Plan for Non-Employee Directors and are to be settled in cash upon the reporting person's termination of service as a director.

| <u>Thomas J.</u> | <u>Meek</u> | for I | <u>Robert I</u> | <u>.</u> 1 | 2/12/2010 |
|------------------|-------------|-------|-----------------|------------|-----------|
| <u>Clark</u> | | | | 1 | 2/13/2016 |
| | | | _ | _ | |

** 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.