

COMPASS MINERALS INTERNATIONAL INC  
 Form 4  
 August 20, 2010

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 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).

**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 \*  
 UNDERDOWN RODNEY L

2. Issuer Name and Ticker or Trading Symbol  
 COMPASS MINERALS INTERNATIONAL INC [CMP]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
 08/19/2010

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Vice President & CFO

C/O COMPASS MINERALS INTERNATIONAL INC, 9900 WEST 109TH STREET, SUITE 600  
 (Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

OVERLAND PARK, KS 66210

(City) (State) (Zip)

**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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  | Code                           | V Amount (A) or (D) Price   |   |  |                                   |
| Common Stock                    | 08/19/2010                           |  | G                              | V 500 D \$ 0  | 48,929  | D  |                                   |
| Common Stock                    |                                      |  |                                |   | 165 <sup>(1)</sup>  | I  | Company 401 (k) Plan              |

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

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 control

SEC 1474 (9-02)

number.

**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. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |              |                            |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--------------|----------------------------|
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable   | Expiration Date   | Title        | Amount or Number of Shares |
| Restricted Stock Unit                      | \$ 0   |                                      |  |                                |   | 03/10/2011   | 03/10/2011  | Common Stock | 2,540                      |
| Restricted Stock Unit                      | \$ 0   |                                      |  |                                |   | 03/10/2012   | 03/10/2012  | Common Stock | 2,756                      |
| Restricted Stock Unit                      | \$ 0   |                                      |  |                                |   | 03/10/2013   | 03/10/2013  | Common Stock | 1,974                      |
| Stock Option (Right to Buy)                | \$ 25.69   |                                      |  |                                |   | 01/23/2007   | 01/23/2013  | Common Stock | 14,000                     |
| Stock Option (Right to Buy)                | \$ 33.44   |                                      |  |                                |   | 03/12/2008   | 03/12/2014  | Common Stock | 10,000                     |
| Stock Option (Right to Buy)                | \$ 55.12   |                                      |  |                                |   | 03/10/2009   | 03/10/2015  | Common Stock | 8,071                      |
| Stock Option (Right to Buy)                | \$ 58.99   |                                      |  |                                |   | 03/10/2010   | 03/10/2016  | Common Stock | 8,453                      |
| Stock Option (Right to Buy)                | \$ 78.51   |                                      |  |                                |   | 03/10/2011   | 03/10/2017  | Common Stock | 5,524                      |
| Performance Share Unit                     | \$ 0   |                                      |  |                                |   | 03/10/2013   | 03/10/2013  | Common Stock | 509                        |

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer

Other

UNDERDOWN RODNEY L  
C/O COMPASS MINERALS INTERNATIONAL INC  
9900 WEST 109TH STREET, SUITE 600  
OVERLAND PARK, KS 66210

Vice President & CFO

## Signatures

/s/ Robert E. Marsh as  
Attorney-in-Fact

08/20/2010

\_\_Signature of Reporting Person

Date

## 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) The information in this report is based on a 401(k) plan statement dated as of 08-20-2010.

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.