Bryan Ronald Form 4 March 16, 2010

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

| 1. Name and Address of Reporting Person * Bryan Ronald | 2. Issuer Name and Ticker or Trading Symbol COMPASS MINERALS | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | |
|--|---|--|--|--|--|
| | INTERNATIONAL INC [CMP] | | | | |
| (Last) (First) (Middle) 9900 WEST 109TH STREET | 3. Date of Earliest Transaction (Month/Day/Year) 03/12/2010 | Director 10% Owner _X Officer (give title Other (specify below) VP and General Manager | | | |
| (Street) | 4. If Amendment, Date Original Filed(Month/Day/Year) | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |
| OVERLAND PARK, KS 66210 | | | | | |

| (City) | (State) (| Zip) Table | e I - Non-D | erivative | Secur | ities Acq | uired, Disposed o | f, or Beneficial | ly Owned |
|--------------------------------------|---|---|---|-----------|------------------|--------------------|--|---|---|
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) | | | d of (D) | 5. Amount of Securities Beneficially Owned Following | 6. Ownership Form: Direct (D) or Indirect (I) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | Code V | Amount | (A) or (D) | Price | Reported Transaction(s) (Instr. 3 and 4) | (Instr. 4) | |
| Common Stock | 03/12/2010 | | M | 3,300 | A | \$0 | 6,763 | D | |
| Common Stock | 03/15/2010 | | S | 1,070 | D | \$ 80.48 (1) | 5,693 | D | |
| Common Stock | | | | | | | 134 (2) | 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 SEC 1474 information contained in this form are not (9-02)

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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. Transacti Code (Instr. 8) | 5. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | rivative ities ired rosed of . 3, 4, | 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 | Amoun or Numbe of Shar |
| Restricted Stock Unit | \$ 0 | 03/12/2010 | | M | | | 3,300 | 03/12/2010 | 03/12/2010 | Common Stock | 3,300 |
| 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 | 2,750 |
| Restricted Stock Unit | \$ 0 | | | | | | | 03/10/2013 | 03/10/2013 | Common Stock | 1,974 |
| Stock Option (Right to Buy) | \$ 23.47 | | | | | | | 11/16/2006 | 11/16/2012 | Common Stock | 21,50 |
| Stock Option (Right to Buy) | \$ 25.69 | | | | | | | 01/23/2007 | 01/23/2013 | Common Stock | 21,50 |
| Stock Option (Right to Buy) | \$ 33.44 | | | | | | | 03/12/2008 | 03/12/2014 | Common Stock | 10,00 |
| Stock Option (Right to Buy) | \$ 55.12 | | | | | | | 03/11/2009 | 03/11/2015 | Common Stock | 8,07 |
| Stock Option (Right to Buy) | \$ 58.99 | | | | | | | 03/10/2010 | 03/10/2016 | Common Stock | 8,451 |
| 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

Bryan Ronald

9900 WEST 109TH STREET VP and General Manager

OVERLAND PARK, KS 66210

Signatures

/s/ Robert E. Marsh (Attorney-In-Fact) 03/16/2010

**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).

The 1,070 shares were traded in blocks ranging in price from \$80.27 to \$80.59. \$80.48 is the weighted average price. Information

- (1) regarding the number of shares sold at each separate price is available upon request by the SEC staff, the issuer, or any security holder of the issuer.
- (2) The information in this report is based on a 401(k) plan statement dated as of 03/10/10.
- (3) All Restricted Stock Units have a conversion price of \$0.00.

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.

Reporting Owners 3