FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

| <b>STATEMENT</b> | <b>OF CHANGE</b> | S IN BENEFICI | <b>AL OWNERSHIP</b> |
|------------------|------------------|---------------|---------------------|

| OMB APPROVAL             |     |  |  |  |  |  |  |
|--------------------------|-----|--|--|--|--|--|--|
| OMB Number: 3235-02      |     |  |  |  |  |  |  |
| 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).

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* PERRY GREGORY D |  |                     |   | 2. Issuer Name and Ticker or Trading Symbol  IMMUNOGEN INC [ IMGN ] |  |          |              |                     |  |  | (Ch   | eck all application                 | ,<br>10% Owne   |  | ner |  |  |  |
|--|--|---------------------|---|---|--|----------|--------------|---------------------|--|--|---|-------------------------------------|---|--|-----|--|--|--|
| (Last) (First) (Middle) C/O IMMUNOGEN, INC.              |  |                     |   | 3. Date of Earliest Transaction (Month/Day/Year) 07/20/2012         |  |          |              |                     |  |  | below)  | .0                                  | below) ancial Officer                                       |  |     |  |  |  |
| 830 WINTER STREET  |  |                     |   | L   | 4 If Amandment Data of Original Filed (Manth/Data)       |          |              |                     |  |  |   |                                     | 6 Individual or Toint/Croup Filips (Chook Assissable        |  |     |  |  |  |
| (Street) WALTH   |  | IA                  | 02451   |   | 4. If Amendment, Date of Original Filed (Month/Day/Year) |          |              |                     |  |  | Line  | e)<br>X Form fil<br>Form fil        |   |  |     |  |  |  |
| (City)   | (S   | tate)               | (Zip)   |   |  |          |              |                     |  |  |   |                                     |   |  |     |  |  |  |
|  |  | Та                  | ble I - Non-  | Derivat   | ive S  | ecuritie | s Ac         | quired,             | Dis  | posed o  | f, or Be  | neficiall                           | y Owned   |  |     |  |  |  |
| Date   |  |                     |   | 2. Transact<br>Date<br>Month/Day                                    | Execution Date   |          | n Date,      | Code (Instr.        |  | 4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4 |   | ed (A) or<br>tr. 3, 4 and           | 5. Amoun<br>Securities<br>Beneficia<br>Owned Fo<br>Reported | Form (D) or (I) (In on(s)  |     | Direct Ir<br>Indirect B<br>tr. 4) C                                      | 7. Nature of<br>ndirect<br>Beneficial<br>Ownership                 |  |
|  |  |                     |   |   |  |          |              | Code                | v  | Amount   | (A) o   | r<br>Price                          | Transaction (Instr. 3 a                                     |  |     |  | nstr. 4)   |  |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |                     |   |   |  |          |              |                     |  |  |   |                                     |   |  |     |  |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)      | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security  | se (Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | Code  | Transaction Code (Instr.                                 |          | Derivative E |                     | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |  | 7. Title and Amount<br>of Securities<br>Underlying<br>Derivative Security<br>(Instr. 3 and 4) |                                     | Derivative<br>Security                                      | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s) | lly | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|  |  |                     |   | Code  | v  | (A)      |              | Date<br>Exercisable |  | Expiration<br>Date   | Title   | Amount<br>or<br>Number<br>of Shares |   | (Instr. 4)   |     | '  |  |  |
| Stock<br>option<br>(right to<br>buy)                     | \$15.83  | 07/20/2012          |   | A   |  | 100,000  |              | 07/20/2013          | (1)  | 07/20/2022   | Common<br>stock   | 100,000                             | \$15.83   | 100,00   | 0   | D  |  |  |

## Explanation of Responses:

1. Exercisable as to 33,334 shares commencing on July 20, 2013, 33,333 shares commencing on July 20, 2014 and 33,333 shares commencing on July 20, 2015.

/s/ Craig Barrows, attorney in fact

07/23/2012

\*\* 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.