Instruction 1(b).

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

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

Washington, D.C. 20549

**OMB APPROVAL** OMB Number: Estimated average burden hours per response: 0.5

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* <u>BLUM PETER H</u>                     |  |  |   |     |  | 2. Issuer Name and Ticker or Trading Symbol MITCHAM INDUSTRIES INC [ MIND ] |        |   |   |                 |   |  |   | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) $ \begin{array}{ccc} X & \text{Director} & 10\% \text{ Owner} \end{array} $ |   |                                   |  |                                       |
|--|--|--|---|-----|--|---|--------|---|---|-----------------|---|--|---|---|---|-----------------------------------|--|---------------------------------------|
| (Last) 4 TRAPI   | Last) (First) (Middle)   |  |   |     |  | 3. Date of Earliest Transaction (Month/Day/Year) 05/27/2015                 |        |   |   |                 |   |  |   | Officer<br>below)   | (give title   |                                   | Other (s<br>below)   | pecify                                |
| (Street) PLEASANTVILLE NY 10570 (City) (State) (Zip)                             |  |  |   | 4.1 | 4. If Amendment, Date of Original Filed (Month/Day/Year) |   |        |   |   |                 |   |  | Individual or Joint/Group Filing (Check Applicable le)  X 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. Transa Date (Month/D                         |  |  |   |     | Execution Date   |   |        | , Transaction Dispos<br>Code (Instr. 5) |   | uritie<br>sed C | ities Acquired (A) or<br>d Of (D) (Instr. 3, 4 ar |  | 5. Amou<br>Securitie<br>Beneficia<br>Owned F<br>Reported  | Form<br>Sollowing (I) (Ir   |   | : Direct<br>r Indirect<br>str. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)        |                                       |
|  |  |  |   |     |  |   |        |   | Code V  | Amou            | nt  | (A) or<br>(D)  | Price   | Transact<br>(Instr. 3 a   | ion(s)  |                                   |  |                                       |
|  | 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  | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |     | 4.<br>Transaction<br>Code (Instr.<br>8)                  |   |        |   | 6. Date Exercisable an<br>Expiration Date<br>(Month/Day/Year) |                 | 0   | 7. Title and Amo<br>of Securities<br>Underlying<br>Derivative Secu<br>(Instr. 3 and 4) |   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)   | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s<br>(Instr. 4) |                                   | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |
|  |  |  |   |     | Code   | v   | (A)    | (D)                                     | Date<br>Exercisable   | Expiration Date |   | Title  | Amount<br>or<br>Number<br>of<br>Shares  |   |   |                                   |  |                                       |
| Option to<br>Purchase<br>Common<br>Stock   | \$5  | 05/27/2015                                 |   |     | A  |   | 15,000 |   | (1)   | 05/27/20        | 25 0  | MII<br>Common<br>Stock   | 15,000  | \$5   | 15,00   | 0                                 | D  |                                       |

## **Explanation of Responses:**

1. Options vest 1/3 on May 27,2016, 1/3 on May 27,2017 and 1/3 on May 13,2018.

## Remarks:

/s/ Billy F. Mitcham, Jr., Attorney-in-Fact

\*\* Signature of Reporting Person Date

05/29/2015

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

- $^{\star}$  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.