FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washi

| ngton, D.C. 20549 | OMB APPROVAL | | | | | | |
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| Check this box if no longer subject to |
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| Section 16. Form 4 or Form 5 |
| bligations may continue. See |
| actruction 1(h) |

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

| Name and Address of Reporting Person* BLUM PETER H | | | | | | 2. Issuer Name and Ticker or Trading Symbol MITCHAM INDUSTRIES INC [MIND] | | | | | | | | | | k all app Direc | all applicable) Director | | 10% (| Owner |
|--|--|--|---|-----------|---|---|---|-----|------------------------------------|--------|--------------------|--|-------------|--------------|------------------------|--|---|---|--|--|
| (Last) 4 TRAPE | (Fii | rst) (I | Middle) | | 3. Date of Earliest Transaction (Month/Day/Year) 09/26/2005 | | | | | | | | | | | Office below | er (give title v) | | Other below | (specify) |
| (Street) PLEASA (City) | NTVILLE (St | | 10570 Zip) | 4 | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | | . Indi ine) X | , | | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | |
| Date | | | | nsactio | Day/Year) | | 2A. Deemed Execution Date, if any (Month/Day/Year) | | Code (Instr. | | | | | | 4 and Securi Benefi | | ies ially Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | | | | | | Code | v | Amount | (A (I | A) or D) | Price | | Transaction(s) (Instr. 3 and 4) | | | | (11341.4) |
| Common Stock 09/26/2 | | | | | 2005 | | | P | 4,000 | | | A | \$10.4 | | 301,502 | | | D | | |
| Common Stock | | | | | | | | | | | | | | | 12,500 | | | | See footnote ⁽¹⁾ | |
| | 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/Yea | Code (Ins | | tion istr. | | | 6. Date E Expiratio (Month/D | on Dat | | 7. Title and Amount of Securities Underlying Derivative Security (Instrand 4) | | I nstr. 3 | Der Sec | Price of erivative ecurity nstr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | y | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | Cod | de V | , | (A) | (D) | Date Exercisa | ıble | Expiration Date | Title | of | mber ares | | | | | | |

Explanation of Responses:

1. Includes 6,000 shares owned by Mr. Blum's spouse and 6,500 shares owned by Mr. Blum's minor son.

/s/ Peter H. Blum

09/27/2005

** Signature of Reporting Person

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.