

Alder Matthias
Form 4
March 24, 2009

FORM 4

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

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

OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person *
Alder Matthias

(Last) (First) (Middle)

C/O MICROMET, INC., 6707
DEMOCRACY BLVD., STE. 505

(Street)

BETHESDA, MD 28017

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol

MICROMET, INC. [MITI]

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

03/18/2009

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____ 10% Owner
__X__ Officer (give title ____ Other (specify
below) below)

SVP, General Counsel

6. Individual or Joint/Group Filing(Check
Applicable Line)

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. 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(D)	Price

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

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information contained in this form are not
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SEC 1474
(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)								
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title		Amount or Number of Shares	
Stock Option (right to buy)	\$ 1.75	03/18/2009 ⁽¹⁾	A		21,469		03/18/2009 ⁽¹⁾	03/31/2018	Common Stock		21,469 ⁽¹⁾	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Alder Matthias C/O MICROMET, INC. 6707 DEMOCRACY BLVD., STE. 505 BETHESDA, MD 28017			SVP, General Counsel	

Signatures

/s/ Ethan Danfer,
Attorney-in-Fact

**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) On April 1, 2008, the reporting person was granted an option to purchase 50,000 shares of common stock, which was scheduled to vest based on the issuer's achievement of specified corporate performance criteria. On March 18, 2009, the compensation committee of the issuer's board of directors determined that the performance criteria were partially met, resulting in vesting of the option as to 21,469 shares.

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.