

MICROMET, INC.  
Form 3  
May 15, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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

(Print or Type Responses)

|  |         |          |                                      |  |  |
|--|---------|----------|--------------------------------------|--|--|
| 1. Name and Address of Reporting Person *                |         |          | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol   |  |
| Â ADVENT PRIVATE<br>EQUITY FUND III A LTD<br>PARTNERSHIP |         |          | (Month/Day/Year)                     | MICROMET, INC. [MITI]  |  |
| (Last)   | (First) | (Middle) |                                      | 4. Relationship of Reporting Person(s) to Issuer   | 5. If Amendment, Date Original Filed(Month/Day/Year)                             |
| 25 BUCKINGHAM GATE                                       |         |          |                                      | (Check all applicable)   | 6. Individual or Joint/Group Filing(Check Applicable Line)                       |
| (Street)   |         |          |                                      | <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner                    | <input type="checkbox"/> Form filed by One Reporting Person                      |
| LONDON,Â X0Â SW1E 6LD                                    |         |          |                                      | <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) | <input checked="" type="checkbox"/> Form filed by More than One Reporting Person |
| (City)   | (State) | (Zip)    |                                      |  |  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|
| common stock <sup>(1)</sup>        | 3,528,875 <sup>(2)</sup> <sup>(3)</sup>                  | D <sup>(2)</sup> <sup>(3)</sup>                                   | Â  |

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

SEC 1473 (7-02)

**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 control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security<br>(Instr. 4) | 4. Conversion or Exercise Price of Derivative | 5. Ownership Form of Derivative Security: | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|---|---|--|---|---|--|
|---|---|--|---|---|--|

| Date<br>Exercisable | Expiration<br>Date | Title | Amount or<br>Number of<br>Shares | Security | Direct (D)<br>or Indirect<br>(I)<br>(Instr. 5) |
|---------------------|--------------------|-------|----------------------------------|----------|--|
|---------------------|--------------------|-------|----------------------------------|----------|--|

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| ADVENT PRIVATE EQUITY FUND III A LTD PARTNERSHIP<br>25 BUCKINGHAM GATE<br>LONDON, X0 SW1E 6LD | Â             | Â X       | Â       | Â     |
| ADVENT PRIVATE EQUITY FUND III B LTD PARTNERSHIP<br>25 BUCKINGHAM GATE<br>LONDON, X0 SW1E 6LD | Â             | Â X       | Â       | Â     |
| ADVENT PRIVATE EQUITY FUND III C LTD PARTNERSHIP<br>25 BUCKINGHAM GATE<br>LONDON, X0 SW1E 6LD | Â             | Â X       | Â       | Â     |
| ADVENT PRIVATE EQUITY FUND III D LTD PARTNERSHIP<br>25 BUCKINGHAM GATE<br>LONDON, X0 SW1E 6LD | Â             | Â X       | Â       | Â     |
| ADVENT PRIVATE EQUITY FUND III GMBH & CO KG<br>25 BUCKINGHAM GATE<br>LONDON, X0 SW1E 6LD      | Â             | Â X       | Â       | Â     |
| ADVENT PRIVATE EQUITY FUND III AFFILIATES<br>25 BUCKINGHAM GATE<br>LONDON, X0 SW1E 6LD        | Â             | Â X       | Â       | Â     |
| ADVENT MANAGEMENT III L P<br>25 BUCKINGHAM GATE<br>LONDON, X0 SW1E 6LD                        | Â             | Â X       | Â       | Â     |

## Signatures

/s/ Cara L. Hupprich,  
Attorney-in-fact

05/15/2006

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(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) All shares reported herein are shown after the effects of a 1-for-3 reverse stock split effected by the Issuer on May 5, 2006.

(2) Consists of: (i) 1,785,787 shares held of record by Advent Private Equity Fund III ?A? Limited Partnership; (ii) 874,759 shares held of record by Advent Private Equity Fund III ?B? Limited Partnership; (iii) 244,118 shares held of record by Advent Private Equity Fund III ?C? Limited Partnership; (iv) 480,071 shares held of record by Advent Private Equity Fund III ?D? Limited Partnership; (v) 69,111 shares held of record by Advent Private Equity Fund III GmbH & Co. KG; (vi) 57,189 shares held of record by Advent Private Equity Fund III Affiliates Limited Partnership; and (vii) 17,840 shares held of record by Advent Management III Limited Partnership. This report is filed jointly by each of the foregoing entities, all of which are ten percent owners.

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- (3) In addition, Jerry Benjamin, a general partner of each of the foregoing entities, may be deemed to beneficially own the shares held by the foregoing entities. Mr. Benjamin is also a director of the Issuer and has reported his beneficial ownership separately on a Form 3 and Form 4, both of which were filed on May 9, 2006. Each of the filing persons disclaims beneficial ownership of the shares reported herein except to the extent of its pecuniary interest therein.

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.