

HEMOSENSE INC  
Form 3  
June 13, 2005

**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   |  |
| Merselis James D                          |         | (Month/Day/Year)                     | HEMOSENSE INC [HEMO]   |  |
| (Last)                                    | (First) | (Middle)                             | 06/13/2005   |  |
| C/O HEMOSENSE, INC., 651 RIVER OAKS PKWY  |         |                                      | 4. Relationship of Reporting Person(s) to Issuer   | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
| (Street)                                  |         |                                      |  |  |
| SAN JOSE, CA 95134                        |         |                                      | (Check all applicable)   |  |
| (City)                                    | (State) | (Zip)                                | <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
|   |         |                                      | <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other                 | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
|   |         |                                      | (give title below) (specify below)   | <input type="checkbox"/> Form filed by More than One Reporting Person  |
|   |         |                                      | President, CEO   |  |

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

|                                 |   |  |   |
|---------------------------------|---|--|---|
| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|

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

SEC 1473 (7-02)

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

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

(Instr. 5)

|   |          |            |                 |         |        |   |   |
|---|----------|------------|-----------------|---------|--------|---|---|
| Employee Stock Option<br>(right to buy) | Â (1)(4) | 06/05/2012 | Common<br>Stock | 145,000 | \$ 0.8 | D | Â |
| Employee Stock Option<br>(right to buy) | Â (2)    | 07/11/2013 | Common<br>Stock | 24,125  | \$ 0.8 | D | Â |
| Employee Stock Option<br>(right to buy) | Â (3)(4) | 02/17/2015 | Common<br>Stock | 113,750 | \$ 0.8 | D | Â |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                  |       |
|--|---------------|-----------|------------------|-------|
|  | Director      | 10% Owner | Officer          | Other |
| Merselis James D<br>C/O HEMOSENSE, INC.<br>651 RIVER OAKS PKWY<br>SAN JOSE, CA 95134 | Â X           | Â X       | Â President, CEO | Â     |

## Signatures

/s/ James D.  
Merselis

06/13/2005

\*\*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) This option vests and becomes exercisable as to (i) 14,500 shares immediately, (ii) 21,750 shares upon the achievement of certain milestones and (iii) 1/42nd of the remaining 108,750 shares on the 1st day of each month beginning on December 3, 2002.
  - (2) Immediately.
  - (3) This option vests and becomes exercisable as to 25% of the shares on February 17, 2006 and 1/48th of the shares on the 1st day of each month thereafter.
  - (4) This option will also immediately vest as to 20% of the shares upon the effective date of the issuer's Registration Statement on Form S-1 estimated to be on or around June 13, 2005.

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.