Thompson Jeffery S Form 3 January 20, 2011 FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 OMB APPROVAL OMB Number: 3235-0104

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 <u>*</u> Thompson Jeffery S | | | 2. Date of Event Requiring Statement (Month/Day/Year) | 3. Issuer Name and Ticker or Trading Symbol ANIKA THERAPEUTICS INC [ANIK] | | | | |
|---|--------------------|---------------------------|---|---|--|---------------------------|--|--|
| · · · | (First) | (Middle) | 01/18/2011 | 4. Relationship of Reporting Person(s) to Issuer | | | 5. If Amendment, Date Original Filed(Month/Day/Year) | |
| 32 WIGGINS BEDFORD,Â | (Street) | | | (Check all applicable) Director 10% Owner Officer Other (give title below) (specify below) | | | 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | |
| (City) | (State) | (Zip) | Table I - I | Non-Derivat | ive Securiti | es Bei | neficially Owned | |
| 1.Title of Security (Instr. 4) | ý | | 2. Amount of Beneficially (Instr. 4) | | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nat Owne (Instr. | • | |
| See Footnote (| 1) | | 0 | | D | Â | | |
| Reminder: Report owned directly or | - | te line for ea | ch class of securities benefic | cially S | EC 1473 (7-02 |) | | |
| | informa require | ation conta d to respo | oond to the collection of ined in this form are no nd unless the form disp //B control number. | t | | | | |
| Tat | ole II - Deri | vative Secur | rities Beneficially Owned (a | .g., puts, calls, | warrants, opt | ions, co | onvertible 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 | 5. Ownership Form of Derivative | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---|--|--------------------|--|------------------------|---|--|---|
| | Date Exercisable | Expiration Date | Title | Amount or Number of | Derivative Security | Security: Direct (D) or Indirect | |

January 31,

2005

0.5

Expires:

response...

Estimated average burden hours per

Shares

(I) (Instr. 5)

Reporting Owners

| Reporting Owner Name / Add | ress | Relationships | | | | | | |
|--|------------|---------------|---------|-------|--|--|--|--|
| T 8 | | 10% Owner | Officer | Other | | | | |
| Thompson Jeffery S 32 WIGGINS AVENUE BEDFORD, MA 01730 | | Â | Â | Â | | | | |
| Signatures | | | | | | | | |
| /s/ Kevin W. Quinlan | 01/20/2011 | | | | | | | |
| **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) No securities (derivative or non-derivative) are beneficially owned.

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.