\square

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

- -6400 ~

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden hours per response: 0.5

| Instruction 1(| b). | | Filed pursuant to Section 16(a) of the Securities Exchange Act of 19 or Section 30(h) of the Investment Company Act of 1940 | 934 | <u> </u> | | |
|-----------------------------------|-------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------|-----------------------|--|
| 1. Name and Add Sear Timot | dress of Reporting <u>hy R G</u> | Person* | 2. Issuer Name and Ticker or Trading Symbol <u>GTX INC /DE/</u> [GTXI] | | tionship of Reporting Pe all applicable) Director | 10% Owner | |
| (Last) 3 NORTH DU 3RD FLOOR | (First) (Middle) | | 3. Date of Earliest Transaction (Month/Day/Year) 04/01/2006 | | Officer (give title below) | Other (specify below) | |
| | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Indiv Line) | vidual or Joint/Group Filing (Check Applicable | | |
| (Street) | | 221.22 | | X | Form filed by One Re | porting Person | |
| MEMPHIS | TN | 38163 | | | Form filed by More th Person | an One Reporting | |
| (City) | (State) | (Zip) | | | | | |

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) | | | | | | 5. Amount of Securities Beneficially Owned Following Reported | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------------|-------------------------------------------------------------|------|---|--------|---------------|---------|---------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (1130.4) |
| Common Stock | 04/01/2006 | | A | | 457.88 | A | \$10.92 | 73,495.4 | D | |

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/Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | Expiration Date (Month/Day/Year) ss d | | 7. Title Amour Securi Under Deriva Securi and 4) | nt of ties ying tive ty (Instr. 3 | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | derivative O Securities Fe Beneficially Di Owned or Following (I) Reported Transaction(s) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|-----------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------|-----------------------------------------|---|-------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------|--------------------|--------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------|
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | | |

Explanation of Responses:

Remarks:

/s/ Henry P. Doggrell, by Power of Attorney

05/01/2006

** Signature of Reporting Person Date

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.