FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| lington, D.C. 20049 | OMB APPROVAL |
|---------------------|--------------|
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|   | Estimated average burde | en        |
| ı | hours per response:     | 0.5       |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

|  |   |  |   |          |        |  | . ,   |               |  |          | . ,                     |                 |   |  |  |                                       |   |            |  |  |
|--|---|--|---|----------|--------|--|---|---------------|--|----------|-------------------------|-----------------|---|--|--|---------------------------------------|---|------------|--|--|
| 1. Name and Address of Reporting Person*                 |   |  |   |          |        | 2. Issuer Name <b>and</b> Ticker or Trading Symbol  OUANEX CORP [ NX ] |   |               |  |          |                         |                 |   | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  |  |                                       |   |            |  |  |
| <u>WELLEK RICHARD L</u>                                  |   |  |   |          | ~      | <u> </u>   |   |               | [ . 1,12 * ]                                     |          |                         | X               | Director  |  |  | 10% Ov                                | vner  |            |  |  |
| (Last) (First) (Middle) 1900 WEST LOOP SOUTH             |   |  |   |          |        | 3. Date of Earliest Transaction (Month/Day/Year) 08/25/2005            |   |               |  |          |                         |                 |   | Officer (<br>below)  | give title   |                                       | Other (s<br>below)                                  | specify    |  |  |
| SUITE 1500   |   |  |   |          | 4.     | If Amendment, Date of Original Filed (Month/Day/Year)                  |   |               |  |          |                         |                 |   | 6. Individual or Joint/Group Filing (Check Applicable  |  |                                       |   |            |  |  |
| (Street)   |   |  |   |          |        |  |   |               |  |          |                         |                 |   | Line)  X Form filed by One Reporting Person  |  |                                       |   |            |  |  |
| HOUSTON TX 77027   |   |  |   |          |        |  |   |               |  |          |                         |                 | Form filed by More than One Reporting Person        |  |  |                                       |   |            |  |  |
| (City) (State) (Zip)                                     |   |  |   |          |        |  |   |               |  |          |                         |                 |   |  |  |                                       |   |            |  |  |
|  |   | Та   | ıble I - Nor  | า-Deriv  | /ativ  | ve Se  | ecuritie  | es A          | cquired, D                                       | isp      | osed of,                | or Ben          | eficially   | Owned  |  |                                       |   |            |  |  |
| 1. Title of Security (Instr. 3)  2. Transa Date (Month/D |   |  |   |          |        | 2A. Deer<br>Execution<br>if any<br>(Month/E                            | n Dat   | Code (Instr   |  |          |                         |                 | Beneficial<br>Owned Fo                              | es<br>ially<br>Following   | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)  | Direct<br>Indirect<br>str. 4)         | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership |            |  |  |
|  |   |  |   |          |        |  |   |               | Code V   | ,        | Amount                  | (A) or<br>(D)   | Price   |  | eported<br>ransaction(s)<br>nstr. 3 and 4)                         |                                       |   | (Instr. 4) |  |  |
|  |   |  | Table II -  | Deriva   | tive   | e Sec  | urities   | Ac            | quired, Dis                                      | spo      | sed of, o               | or Benef        | icially (   | Owned  | ,  |                                       |   |            |  |  |
|  |   |  |   | (e.g., p | uts    | , cal  | ls, war   | ran           | ts, options                                      | , cc     | onvertibl               | e securi        | ties)   |  |  |                                       |   |            |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)      | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Da<br>if any<br>(Month/Day/\) | Co       | ode (I | ction<br>Instr.  | 5. Numb<br>of<br>Derivati<br>Securiti<br>Acquire<br>(A) or<br>Dispose<br>of (D) (II<br>3, 4 and | Expiration Da | Expiration Date of Sec<br>(Month/Day/Year) Under |          |                         | )<br>Security   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Numbe<br>derivative<br>Securities<br>Beneficia<br>Owned<br>Following<br>Reported<br>Transacti<br>(Instr. 4) | Ownershi<br>Form:<br>Ily Direct (D)<br>or Indirec<br>(I) (Instr. 4 | Beneficial<br>Ownership<br>(Instr. 4) |   |            |  |  |
|  |   |  |   |          |        |  |   |               |  |          |                         |                 | Amount or   |  |  |                                       |   |            |  |  |
|  |   |  |   | Co       | ode    | v  | (A)   | (D)           | Date<br>Exercisable                              | Ex<br>Da | piration<br>ite         | Title           | Number<br>of<br>Shares                              |  |  |                                       |   |            |  |  |
| Phantom<br>Stock<br>Units <sup>(1)</sup>                 | \$0 <sup>(2)</sup>  | 08/25/2005                                 |   | I        | A      |  | 171.91  |               | 08/25/2005 <sup>(3)</sup>                        | 08       | /08/1988 <sup>(3)</sup> | Common<br>Stock | 171.91  | \$58.17  | 2,721.6  | 528                                   | D   |            |  |  |
| Phantom<br>Stock<br>Units <sup>(4)</sup>                 | \$0 <sup>(2)</sup>  | 08/25/2005                                 |   | I        | A      |  | 34.38   |               | 08/25/2005 <sup>(3)</sup>                        | 08       | /08/1988 <sup>(3)</sup> | Common<br>Stock | 34.38   | \$58.17  | 2,756.0  | 328                                   | D   |            |  |  |
| Stock<br>Options<br>(Right to<br>buy)                    | \$26.7  |  |   |          |        |  |   |               | 10/31/2003                                       | 10       | 0/31/2013               | Common<br>Stock | 3,000   |  | 3,000  | )                                     | D   |            |  |  |
| Stock<br>Options<br>(Right to<br>buy)                    | \$30.7467   |  |   |          |        |  |   |               | 09/01/2004                                       | 0:       | 9/01/2014               | Common<br>Stock | 9,000   |  | 9,000  | )                                     | D   |            |  |  |
| Stock<br>Options<br>(Right to                            | \$33.8  |  |   |          |        |  |   |               | 10/31/2004                                       | 10       | 0/31/2014               | Common<br>Stock | 3,000   |  | 3,000  |                                       | D   |            |  |  |

## **Explanation of Responses:**

- 1. Units that are credited to the participants account under the Quanex Corporation Deferred Compensation Plan as a result of the participant's deferral of income or fees, as the case may be.
- 2. Conversion price is 1-for-1.
- 3. All units credited under the Deferred Compensation Plan are 100% vested at all times; provided, however, that if a participant receives a benefit from the Deferred Compensation Plan for any reason other than death, disability or retirement within three years after a deferral is credited to a participant's account, any matching awards made by the Company with respect to such deferral will be forfeited. Distributions under the Deferred Compensation Plan are made beginning on a specified date selected bythe participant or upon a participant's death, disability, or termination of employment.
- 4. Represents units credited to a participant's account under the Deferred Compensation Plan as a result of the Company's 20% matching award of the participant's deferral of income or fees, as the case may be.

<u>Terry M. Murphy, Power of</u>
<u>Attorney</u>
08/26/2005

\*\* 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.

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