FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
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| 0 | Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). | |
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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* BARCLAY ALYSON S | | | | | ES | 2. Issuer Name and Ticker or Trading Symbol ESCO TECHNOLOGIES INC [ESE] | | | | | | | | | all app Direc | olicable) ctor er (give title | | Owner er (specify | | |
|--|--|--------|------|-------|--------------------------------------|---|--|---|---|---|---|--|------------------------|--|---|---|---|----------------------|----------|--|
| (Last) (First) (Middle) C/O ESCO TECHNOLOGIES INC. | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 04/03/2007 | | | | | | | | | | 7.P., Secretary & Gen. Cour | | ′ | | |
| 9900 A CLAYTON ROAD | | | | | 4 If | If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6 | 6. Individual or Joint/Group Filing (Check Applicable | | | | | |
| (Street) ST. LOU | (Street) ST. LOUIS MO 63124 | | | | | 4. II Allieliulielit, Date di Original Fileu (Mohili/Day/Teal) | | | | | | | | Line) X Form filed by One Reporting Person Form filed by More than One Reporting | | | | | | |
| (City) | (St | ate) (| Zip) | | | | | | | | | | | | | Pers | on | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Date) | | | | | | Execution Date, | | Transaction Disposed Of Code (Instr. 5) | | | ies Acquired (A) Of (D) (Instr. 3, 4 | | 4 and Sed Bed Ow | | ount of ities icially d Following ted | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |
| | | | | | | | | | Code | v | | | (A) or (D) | Price | Trans | | action(s) 3 and 4) | | (1130.4) | |
| Common Stock 04/03 | | | | 04/03 | /2007 | | F | | 1,226 D \$ | | \$44 | .95 | 95 81,466 | | 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) | Derivative Conversion Date Execution Date, or Exercise (Month/Day/Year) if any | | | | ransaction of ode (Instr. Derivative | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | str. 3 | 8. Price of Derivative Security (Instr. 5) | | 9. Number of derivative Securities Beneficially Owned Following Reported Transactions (Instr. 4) | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) | | | | |
| | | | | | Code | v | (A) | (D) | Date Exercisa | | Expiration Date | Title | or Nur of | ount nber ares | | | | | | |

Explanation of Responses:

Alyson S. Barclay

04/05/2007

** 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.