### Edgar Filing: BARNHILL ROBERT B JR - Form 4

| BARNHILL  | ROBERT B JR  |            |           |  |             |            |   |  |  |                    |  |
|---|--------------|------------|-----------|--|-------------|------------|---|--|--|--------------------|--|
| Form 4  |              |            |           |  |             |            |   |  |  |                    |  |
| April 28, 201   | 0            |            |           |  |             |            |   |  |  |                    |  |
| FORM 4 UNITED STATES SECURITIES AND EXCHANCE COMMISSION   |              |            |           |  |             |            |   | r  | PPROVAL  |                    |  |
| Washington, D.C. 20549  |              |            |           |  |             |            |   | OMB<br>Number:   | 3235-0287  |                    |  |
| Check thi<br>if no long   | or           |            |           |  |             |            |   |  | Expires:   | January 31<br>2005 |  |
| subject to<br>Section 16.<br>Form 4 or  |              |            |           | GES IN E<br>SECURI   |             | NERSHIP OF | Estimated average<br>burden hours per<br>response 0.8 |  |  |                    |  |
| Form 5<br>obligatior<br>may conti<br><i>See</i> Instru<br>1(b).   | Section 17   | (a) of the | Public Ut |  | ing Com     | pany       | Act o   | ge Act of 1934,<br>f 1935 or Sectio<br>40  | n  |                    |  |
| (Print or Type R  | lesponses)   |            |           |  |             |            |   |  |  |                    |  |
| BARNHILL ROBERT B JR Symb<br>TESS   |              |            |           | ESSCO TECHNOLOGIES INC   |             |            |   | 5. Relationship of Reporting Person(s) to<br>Issuer<br>(Check all applicable)                          |  |                    |  |
|   |              |            | [TESS]    |  |             |            |   |  |  |                    |  |
| (Last) (First) (Middle) 3. Date of<br>(Month/D<br>11126 MCCORMICK ROAD 04/27/20   |              |            |           | -  |             |            |   | _X_ Director _X_ 10% Owner<br>_X_ Officer (give title Other (specify<br>below) below)<br>CEO Bracidant |  |                    |  |
| 11120 11100   |              | -          |           |  |             |            |   |  | EO, President  |                    |  |
|   | (Street)     |            |           | ndment, Date<br>th/Day/Year)   | e Original  |            |   | 6. Individual or Jo<br>Applicable Line)<br>_X_Form filed by 0<br>Form filed by N                       | One Reporting P  | erson              |  |
| HUNT VAL  | LEY, MD 2103 | 1          |           |  |             |            |   | Person   |  | epotting           |  |
| (City)  | (State)      | (Zip)      | Table     | e I - Non-De   | erivative S | Securi     | ties Ac   | quired, Disposed o   | f, or Beneficia  | lly Owned          |  |
| 1.Title of<br>Security<br>(Instr. 3)2. Transaction Date<br>(Month/Day/Year)2A. Deeme<br>Execution I<br>any<br>(Month/Da |              |            |           | a Date, if TransactionAcquired (A) or<br>Code Disposed of (D)<br>Pay/Year) (Instr. 8) (Instr. 3, 4 and 5)<br>(A) |             |            |   | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)         | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) |                    |  |
|   |              |            |           | Code V   | Amount      | or<br>(D)  | Price   | (Instr. 3 and 4)   |  |                    |  |
| Common<br>Stock   | 04/27/2010   |            |           | М  | 7,500       | A          | <u>(1)</u>  | 1,192,859  | D <u>(9)</u>   |                    |  |
| Common<br>Stock   | 04/27/2010   |            |           | М  | 6,000       | А          | <u>(2)</u>  | 1,198,859  | D (9)  |                    |  |
| Common<br>Stock   | 04/27/2010   |            |           | М  | 6,250       | А          | <u>(3)</u>  | 1,205,109  | D (9)  |                    |  |
| Common<br>Stock   | 04/27/2010   |            |           | F  | 5,224       | D          | <u>(4)</u>  | 1,199,885  | D (9)  |                    |  |

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

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Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

#### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 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 Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4.<br>Transactic<br>Code<br>(Instr. 8) | 5. Numbe<br>orDerivative<br>Securities<br>Acquired<br>Disposed<br>(Instr. 3, 4 | e<br>(A) or<br>of (D) | Expiration Date<br>(Month/Day/Year)<br>) or<br>(D) |                    | 7. Title and Amount<br>Underlying Securitie<br>(Instr. 3 and 4) |                                 |
|---|---|---|---|--|--|-----------------------|--|--------------------|---|---------------------------------|
|   |   |   |   | Code V                                 | (A)  | (D)                   | Date<br>Exercisable                                | Expiration<br>Date | Title   | Amour<br>or<br>Numbe<br>of Shar |
| Performance<br>Share Unit                           | <u>(5)</u>  | 04/27/2010                              |   | М                                      |  | 7,500                 | <u>(1)</u>   | (1)                | Common<br>Stock   | 7,50                            |
| Performance<br>Share Unit                           | <u>(5)</u>  | 04/27/2010                              |   | М                                      |  | 6,000                 | (2)  | (2)                | Common<br>Stock   | 6,00                            |
| Performance<br>Share Unit                           | <u>(5)</u>  | 04/27/2010                              |   | А                                      | 25,000   |                       | (3)  | (3)                | Common<br>Stock   | 25,00                           |
| Performance<br>Share Unit                           | <u>(5)</u>  | 04/27/2010                              |   | М                                      |  | 6,250                 | (3)  | (3)                | Common<br>Stock   | 6,25                            |

## **Reporting Owners**

| Reporting Owner Name / Address  | Relationships |           |                |       |  |  |  |
|---|---------------|-----------|----------------|-------|--|--|--|
| reporting officer (anto / reactor)                                    | Director      | 10% Owner | Officer        | Other |  |  |  |
| BARNHILL ROBERT B JR<br>11126 MCCORMICK ROAD<br>HUNT VALLEY, MD 21031 | Х             | Х         | CEO, President |       |  |  |  |

# Signatures

Robert B. Barnhill, Jr. by David M. Young by Power of 04/28/2010 Attorney Date

\*\*Signature of Reporting Person

## **Explanation of Responses:**

- 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). \*\*
- (1) A Performance Share Unit, sometimes referred to as a Performance Stock Unit or PSU, represents the conditional right to receive one share of Common Stock. PSUs granted in May 2006 resulted in the earning, with respect to the fiscal year ended March 2007 and based on the extent to which certain performance criteria were satisfied during fiscal year 2007, of the right to receive 30,000 shares of Common Stock. Once earned, the PSUs vest and are paid through the issuance of shares of Common Stock in four approximately equal annual installments commencing on or about May 1, 2007, 2008, 2009 and 2010, subject to the reporting person's continued employment

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or association with the Issuer on the date such shares of Common Stock are to be issued.

A Performance Share Unit, sometimes referred to as a Performance Stock Unit or PSU, represents the conditional right to receive one share of Common Stock. PSUs granted in April 2008 resulted in the earning, with respect to the fiscal year ended March 2009 and based

(2) on the extent to which certain performance criteria were satisfied during fiscal year 2009, of the right to receive 24,000 shares of Common Stock. Once earned, the PSUs vest and are paid through the issuance of shares of Common Stock in four approximately equal annual installments commencing on or about May 1, 2009, 2010, 2011 and 2012, subject to the reporting person's continued employment or association with the Issuer on the date such shares of Common Stock are to be issued.

A Performance Share Unit, sometimes referred to as a Performance Stock Unit or PSU, represents the conditional right to receive one share of Common Stock. PSUs granted in April 2009 resulted in the earning, with respect to the fiscal year ended March 2010 and based on the extent to which certain performance criteria were satisfied during fiscal year 2010, of the right to receive 25,000 shares of

- (3) On the extent to which certain performance effective satisfied during itsear year 2010, of the right to receive 20,000 shares of Common Stock. Once earned, the PSUs vest and are paid through the issuance of shares of Common Stock in four approximately equal annual installments commencing on or about May 1, 2010, 2011, 2012 and 2013, subject to the reporting person's continued employment or association with the Issuer on the date such shares of Common Stock are to be issued.
- (4) \$22.92 -- closing market price on April 27, 2010
- (5) 1 for 1

In respect of the PSUs granted in May 2006 with respect to fiscal year 2007, on May 1, 2007, the reporting person earned the right to receive 30,000 shares of Common Stock. The reporting person was associated with the Issuer on May 1, 2007, resulting in the vesting and issuance of 7,500 of the 30,000 shares of Common Stock so earned. On April 28, 2008, the reporting person continued to be associated with the Issuer, resulting in the vesting and issuance of another 7,500 shares of Common Stock so earned. On April 28, 2009, the

(6) while its such resulting in the vesting and issuance of another 7,500 shares of common stock so carned. On April 20, 2009, the reporting person continued to be associated with the Issuer, resulting in the vesting and issuance of another 7,500 shares of Common Stock so earned. On April 27, 2010, the reporting person continued to be associated with the Issuer, resulting in the vesting and issuance of the remaining 7,500 shares of Common Stock so earned. The number of reported derivative securities also includes outstanding options for 120,000 shares of Common Stock.

In respect of the PSUs granted in April 2008 with respect to fiscal year 2009, on April 28, 2009, the reporting person earned the right to receive 24,000 shares of Common Stock. The reporting person was associated with the Issuer on April 28, 2009, resulting in the vesting and issuance of 6,000 of the 24,000 shares of Common Stock so earned. On April 27, 2010, the reporting person continued to be

(7) and issuance of 0,000 of the 24,000 shares of common stock so carned. On April 27, 2010, the reporting person contract to be associated with the Issuer, resulting in the vesting and issuance of another 6,000 shares of Common Stock so earned. The remaining 12,000 shares have been earned, but are not yet vested. The number of reported derivative securities also includes outstanding options for 120,000 shares of Common Stock.

(8) In respect of the PSUs granted in April 2009 with respect to fiscal year 2010, on April 27, 2010, the reporting person earned the right to receive 25,000 shares of Common Stock. The reporting person was associated with the Issuer on April 27, 2010, resulting in the vesting and issuance of 6,250 of the 25,000 shares of Common Stock so earned. The remaining 18,750 shares have been earned, but are not yet vested. The number of reported derivative securities also includes outstanding options for 120,000 shares of Common Stock.

(9) All shares are owned directly, except for 1,556 shares which are owned indirectly, through 401(k) plan.

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.