Cooper James Form 4 June 09, 2006

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

obligations

Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Number:

3235-0287

2005

January 31, Expires:

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may continue. See Instruction 1(b).

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)

(Last)

1. Name and Address of Reporting Person * Cooper James

(Middle)

100 SOUTH BRENTWOOD **BOULEVARD, SUITE 200**

(Street)

(First)

2. Issuer Name and Ticker or Trading Symbol

EARTHSHELL CORP [ERTH]

3. Date of Earliest Transaction (Month/Day/Year) 06/06/2006

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_X__ 10% Owner Director _ Other (specify Officer (give title below)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

ST. LOUIS, MO 63105-1691

| (City) | (State) (| Zip) Table | e I - Non-D | erivative S | Securi | ties Acq | uired, Disposed o | f, or Beneficial | ly Owned |
|--------------------------------------|---|---|--|--|------------------|------------|--|--|---|
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transactic Code (Instr. 8) | 4. Securities Acquired ion(A) or Disposed of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following | 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 | Reported Transaction(s) (Instr. 3 and 4) | | |
| Common Stock | 06/06/2006 | 06/06/2006 | P | 3,000 | A | \$ 2.15 | 251,357 | D (1) | |
| Common Stock | 06/06/2006 | 06/06/2006 | P | 11,000 | A | \$ 2.2 | 262,357 | D (1) | |
| Common Stock | 06/06/2006 | 06/06/2006 | P | 5,000 | A | \$ 2.25 | 267,357 | D (1) | |
| Common Stock | 06/07/2006 | 06/07/2006 | P | 7,500 | A | \$ 2.15 | 274,857 | D (1) | |
| Common Stock | 06/07/2006 | 06/07/2006 | P | 2,500 | A | \$ 2.05 | 277,357 | D (1) | |

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

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(9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans

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

| 1. Title of | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exerc | isable and | 7. Titl | e and | 8. Price of | 9 |
|-------------|-------------|---------------------|--------------------|-------------------|------------|-----------------|--------------------|-------------|----------|-------------|---|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | TransactionNumber | | Expiration Date | | Amou | nt of | Derivative |] |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Under | lying | Security | 5 |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Securi | ities | (Instr. 5) |] |
| | Derivative | | | Securities | | (Instr | | | 3 and 4) | | (|
| | Security | | | | Acquired | | | | | | J |
| | | | | | (A) or | (A) or | | | | | J |
| | | | | | Disposed | | | | | | - |
| | | | | | of (D) | | | | | | (|
| | | (Instr. 3, | | | | | | | | | |
| | | | | | 4, and 5) | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | Amount | | |
| | | | | | | | Expiration Date | Title Nu of | or | | |
| | | | | | | | | | Number | | |
| | | | | | | | | | | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

X

Cooper James

 $100~\mathrm{SOUTH}$ BRENTWOOD BOULEVARD, SUITE 200

ST. LOUIS, MO 63105-1691

Signatures

/s/ James A. Cooper 06/09/2006

**Signature of Date
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) All transactions listed in Table I relate to shares beneficially owned directly by James A. Cooper, individually, and held by his spouse.

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.

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