

HEMISPHERX BIOPHARMA INC  
 Form 5  
 January 26, 2007

**FORM 5**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL  
 OMB Number: 3235-0362  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
 Form 3 Holdings Reported Form 4 Transactions Reported

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

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

1. Name and Address of Reporting Person \*  
 ETHERIDGE RANSOM

2. Issuer Name and Ticker or Trading Symbol  
 HEMISPHERX BIOPHARMA INC  
 [HEB]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)

3. Statement of Issuer's Fiscal Year Ended (Month/Day/Year)  
 12/31/2006

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Secretary & General Counsel

2610 POTTER RD, STE 200

(Street)

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

6. Individual or Joint/Group Reporting  
 (check applicable line)

VIRGINIA BEACH, VA 23452

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

(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)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D) Price			
Common Stock	03/31/2006	^	A4	3,472 A \$ 3.6	143,319	D	^
Common Stock	06/30/2006	^	A4	4,921 A \$ 2.54	143,319	D	^
Common Stock	09/30/2006	^	A4	6,684 A \$ 1.87	143,319	D	^
Common Stock	12/31/2006	^	A4	5,682 A \$ 2.2	143,319	D	^

