

GLENAYRE TECHNOLOGIES INC  
 Form 4  
 August 16, 2006

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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).

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**SIBLEY HORACE H**

2. Issuer Name and Ticker or Trading Symbol  
**GLENAYRE TECHNOLOGIES INC [gems]**

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
**08/11/2006**

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

**11360 LAKEFIELD DR**

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**DULUTH, GA 30097**

(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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D) Code V Amount (D) Price			
Common Stock					40,201	D	

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

**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 control number.**

SEC 1474 (9-02)

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Underlying (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title
Non-Qualified Stock Option (right to buy)	\$ 2.2	08/11/2006		A	30,000	08/11/2006 <sup>(1)</sup> 08/11/2016 <sup>(1)</sup>	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 1.35					08/11/2003 <sup>(1)</sup> 08/11/2013	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 9.32					08/11/2000 <sup>(1)</sup> 08/11/2010	Common Stock
Non-Qualified Stock Option (right to buy)	\$ 18.75					08/13/1997 <sup>(1)</sup> 08/13/2007	Common Stock
Restricted Stock Units	\$ 0					05/17/2004 05/17/2014	Restricted Stock Units
Restricted Stock Units	\$ 0					05/16/2005 05/16/2015	Restricted Stock Units
Restricted Stock Units	\$ 0					01/03/2006 01/03/2016	Restricted Stock Units
Restricted Stock Units	\$ 0					05/23/2006 05/23/2016	Restricted Stock Units

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SIBLEY HORACE H 11360 LAKEFIELD DR DULUTH, GA 30097	X			

## Signatures

Amy Heustess

08/16/2006

\*\*Signature of  
Reporting Person

Date

## 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) Options granted are subject to a two year vesting schedule with one third vesting upon grant and the remainder vesting equally on each anniversary date of grant.

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.