Rockwood Holdings, Inc. Form 4 September 14, 2009

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB Washington, D.C. 20549 Number: Expires:

OMB APPROVAL

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5. Relationship of Reporting Person(s) to

3235-0287

January 31,

2005

0.5

if no longer subject to Section 16. Form 4 or Form 5

Check this box

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person *

(State)

(Zin)

ERIKSON S	HELDON I	R	Symbol	Issuer			
			Rockwood Holdings, Inc. [ROC]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(encon un approcasio)			
C/O ROCKWOOD HOLDINGS, INC., 100 OVERLOOK CENTER (Street)			(Month/Day/Year) 09/11/2009	_X_ Director 10% Owner Officer (give title below) Other (spec			
			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			

2. Issuer Name and Ticker or Trading

Filed(Month/Day/Year) Applicable Line)

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

PRINCETON, NJ 08540

(City)	(State) (2	Table	I - Non-De	erivative S	ecuri	ties Ac	quired, Disposed o	of, or Beneficial	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	Disposed	ecurities aired (A) or osed of (D) r. 3, 4 and 5)		5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership
			Code V	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)
Common Stock, par value \$0.01 per share	09/11/2009		A	894	A	\$ 0 (1)	18,392	D	

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

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)

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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transact Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	:		Amou Under Securi (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

ERIKSON SHELDON R C/O ROCKWOOD HOLDINGS, INC. 100 OVERLOOK CENTER PRINCETON, NJ 08540

X

Signatures

/s/ Michael W. Valente as Attorney-in-Fact

09/14/2009

**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) Represents a quarterly grant of unrestricted shares of the Company's common stock as part of the Company's non-management director compensation for the third quarter of 2009.

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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