Houtkin Sherry Form 4 February 17, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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OMB APPROVAL

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

obligations

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

may continue. See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * **Houtkin Sherry**

(First) (Middle)

3900 ISLAND

BLVD., PENTHOUSE 4

(Street)

2. Issuer Name and Ticker or Trading

Symbol

GENCOR INDUSTRIES INC [GENC]

3. Date of Earliest Transaction

(Month/Day/Year) 05/21/2008

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

AVENTURA, FL 33160

(City)	(State)	(Zip) Tak	ole I - Non-	Derivativ	e Secı	ırities Ac	quired, Disposed	of, or Benefi	cially 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. Securion(A) or D (Instr. 3,	ispose 4 and (A) or	ed of (D)	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock, \$.10 par value	05/21/2008		P	100	A	\$ 14.83	1,238,033	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/21/2008		Р	200	A	\$ 14.79	1,238,233	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par	05/22/2008		P	28	A	\$ 14.3	1,238,261	I	By Spouse (deceased 07/25/2008)

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value								
Common Stock, \$.10 par value	05/22/2008	P	100	A	\$ 14.05	1,238,361	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	100	A	\$ 14.02	1,238,461	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	100	A	\$ 14.04	1,238,561	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	100	A	\$ 14.01	1,238,661	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	100	A	\$ 14.07	1,238,761	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	100	A	\$ 13.84	1,238,861	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	100	A	\$ 13.8	1,238,961	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	100	A	\$ 13.78	1,239,061	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	100	A	\$ 13.77	1,239,161	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	200	A	\$ 14.35	1,239,361	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	200	A	\$ 14.32	1,239,561	I	By Spouse (deceased 07/25/2008)

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Common Stock, \$.10 par value	05/22/2008	P	200	A	\$ 14.16	1,239,761	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	200	A	\$ 14.01	1,239,961	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	200	A	\$ 13.94	1,240,161	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	200	A	\$ 13.84	1,240,361	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	200	A	\$ 13.83	1,240,561	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	300	A	\$ 14.1	1,240,861	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	1,000	A	\$ 14.1	1,241,861	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	S	100	D	\$ 14.42	1,241,761	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	S	100	D	\$ 14.08	1,241,661	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	S	100	D	\$ 14.1	1,241,561	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	S	100	D	\$ 14.17	1,241,461	I	By Spouse (deceased 07/25/2008)
	05/22/2008	S	100 (1)	D	\$ 13.9	1,241,361	I	

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Common Stock, \$.10 par value							By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	05/22/2008	P	0	A \$0	874,250	D	

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

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SEC 1474

(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or	3	ate	7. Title Amour Underl Securit (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo
				Disposed						Trans
				of (D)						(Instr
				(Instr. 3,						
				4, and 5)						
								Amount		
					Date Exercisable	Expiration Date	Title	or Number of		
			Code V	(A) (D)				Shares		

Reporting Owners

	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
Houtkin Sherry 3900 ISLAND BLVD. PENTHOUSE 4 AVENTURA, FL 33160		X					
HOUTKIN HARVEY % SHERRY HOUTKIN 3900 ISLAND BLVD, PENTHOUSE 4 AVENTURA FL 33160		X					

Reporting Owners 4

Signatures

/s/ Sherry

Houtkin 02/05/2009

**Signature of Date

Reporting Person

/s/ Brad Houtkin 02/05/2009

**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 of the foregoing transactions were effected prior to Mr. Houtkin's death (07/25/08) and reflect shares in which he had a beneficial ownership, other than shares beneficially owned by his spouse, Sherry Houtkin, which are reported herein by Mrs. Houtkin.

Remarks:

Mr. Houtkin passed away July 25, 2008. On that date, he ceased to be a 10% owner and was no longer subject to Section 16.

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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