

Houtkin Sherry  
 Form 4  
 February 12, 2009

**FORM 4**

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

OMB APPROVAL

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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 \*  
 Houtkin Sherry

2. Issuer Name and Ticker or Trading Symbol  
 GENCOR INDUSTRIES INC  
 [GENC]

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

(Last) (First) (Middle)  
 3900 ISLAND  
 BLVD., PENTHOUSE 4  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 02/13/2008

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

AVENTURA, FL 33160  
 (City) (State) (Zip)

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

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

**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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount (A) or Price (D)		
Common Stock, \$.10 par value	02/13/2008		P		100 A \$ 14.15	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/13/2008		P		102 A \$ 14.15	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par	02/13/2008		S		100 D \$ 14.38	I	By Spouse (deceased 07/25/2008)

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value								
Common Stock, \$.10 par value	02/14/2008	P	8	A	\$ 14	1,256,834	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/14/2008	P	600	A	\$ 13.95	1,257,434	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/14/2008	P	1,500	A	\$ 14.1	1,258,934	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/15/2008	P	100	A	\$ 14.02	1,259,034	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/15/2008	P	100	A	\$ 14	1,259,134	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/15/2008	P	100	A	\$ 14.05	1,259,234	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/15/2008	P	230	A	\$ 14.01	1,259,464	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/19/2008	P	100	A	\$ 15.2	1,259,564	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/19/2008	P	100	A	\$ 15.15	1,259,664	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/20/2008	P	100	A	\$ 14.24	1,259,764	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/20/2008	P	162	A	\$ 14.25	1,259,926	I	By Spouse (deceased 07/25/2008)

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Common Stock, \$.10 par value	02/20/2008	S	200	D	\$ 14.42	1,259,726	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/21/2008	P	200	A	\$ 14.5	1,259,926	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/21/2008	P	200	A	\$ 14.3	1,260,126	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/21/2008	P	300	A	\$ 14.5	1,260,426	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/21/2008	S	100 <sup>(1)</sup>	D	\$ 14.4	1,260,326	I	By Spouse (deceased 07/25/2008)
Common Stock, \$.10 par value	02/13/2008	P	2	A	\$ 14	873,365	D	
Common Stock, \$.10 par value	02/13/2008	P	100	A	\$ 14.32	873,465	D	
Common Stock, \$.10 par value	02/13/2008	P	475	A	\$ 14	873,940	D	
Common Stock, \$.10 par value	02/13/2008	S	100	D	\$ 14.38	873,840	D	

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

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



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