

GWIZDALA LORI A  
Form 4  
September 19, 2008

**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 \*  
GWIZDALA LORI A

2. Issuer Name and Ticker or Trading Symbol  
CHEMICAL FINANCIAL CORP  
[[CHFC]]

5. Relationship of Reporting Person(s) to Issuer  
  
(Check all applicable)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Executive V.P., CFO

(Last) (First) (Middle)  
235 E MAIN STREET  
  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
09/18/2008

MIDLAND, MI 48640  
  
(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  
 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 (D)	Price
Common Stock	09/18/2008		M		3,858	A	\$ 27.7823
Common Stock	09/18/2008		F		3,297	D	\$ 35.16
Common Stock					565 <sup>(1)</sup>	I	

By husband in IRA

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

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SEC 1474 (9-02)

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**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)	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 Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock Option (right to buy) <sup>(2)</sup>	\$ 27.7823	09/18/2008		M	3,858	12/09/2003 12/09/2012	Common Stock	3,858

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GWIZDALA LORI A 235 E MAIN STREET MIDLAND, MI 48640			Executive V.P., CFO	

## Signatures

/s/ Lori A.  
Gwizdala

09/19/2008

\*\*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).

The reporting person disclaims any beneficial ownership of all shares owned by her husband. The filing of this statement shall not be

(1) construed as an admission that the reporting person is, for purposes of Section 16 of the Securities Exchange Act of 1934 or for any other purpose, the beneficial owner of the securities owned by her husband.

(2) Employee stock option awarded under Chemical Financial Corporation 1997 Stock Option Plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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