

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 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * Scherping Katherine Lee		2. Issuer Name and Ticker or Trading Symbol RED ROBIN GOURMET BURGERS INC [RRGB]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Chief Financial Officer	
(Last) (First) (Middle) 6312 S. FIDDLER'S GREEN CIRCLE, # 200 N		3. Date of Earliest Transaction (Month/Day/Year) 03/02/2010			
(Street) GREENWOOD VILLAGE, CO 80111		4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	
(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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	03/02/2010		A		2,700 (1)	A	\$ 0	14,010	D	
Common Stock	03/02/2010		A		3,300 (2)	A	\$ 0	17,310 (3)	D	

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

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. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Scherping Katherine Lee 6312 S. FIDDLER'S GREEN CIRCLE # 200 N GREENWOOD VILLAGE, CO 80111			Chief Financial Officer	

Signatures

/s/ Attorney-in-Fact Annita M. Menogan	03/04/2010
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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 grant of restricted stock units under the issuer's Amended and Restated 2007 Equity Incentive Plan. Each restricted stock unit represents the contingent right to receive, upon vesting of the unit, one share of the issuer's common stock. One-fourth (1/4) of the units are scheduled to vest on each of the first, second, third and fourth anniversaries of the date of grant as long as the reporting person remains in the service of the Company through the respective vesting date.

(2) Represents a grant of performance-based restricted stock units under the issuer's Amended and Restated 2007 Equity Incentive Plan. The target number of units subject to the award is presented in the table. Subject to certain continued employment requirements, the units are scheduled to vest following the third anniversary of the date of grant if the issuer meets certain total shareholder return objectives. The number of units that vest may be 0% to 225% of the target number of units, depending upon performance. The maximum number of units that may vest is 7,425 (225% of the target number). Each performance-based restricted stock unit, once vested, will entitle the reporting person to receive one share of the issuer's common stock.

(3) Includes 2,700 time-based restricted stock units, 3,300 performance-based restricted stock units and 3,500 shares of restricted stock issued under the issuer's Amended and Restated 2007 Performance Incentive Plan that are subject to vesting and forfeiture restrictions, and 2,000 shares of common stock held by the reporting person in joint tenancy with her husband. The amount presented in the table does not include 3,000 shares of common stock held directly by the reporting person's husband of which the reporting person disclaims beneficial ownership.

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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