O'Brien Kim Thorne Form 4 February 22, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287 January 31,

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may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * O'Brien Kim Thorne

2. Issuer Name and Ticker or Trading Symbol

Global Resource CORP [GBRC]

5. Relationship of Reporting Person(s) to

Issuer

(Last)

WAY, SUITE 100

(City)

(First)

3. Date of Earliest Transaction

(Check all applicable)

(Month/Day/Year) 02/01/2010

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

(Street)

(State)

CORPORATION, 1000 ATRIUM

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

(Zip)

(Middle)

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

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

MOUNT LAUREL,, NJ 08054

C/O GLOBAL RESOURCE

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

4. Securities Acquired 5. Amount of 3. Transaction(A) or Disposed of Code (D) (Instr. 3, 4 and 5) (Instr. 8)

6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially (D) or Beneficial Ownership Owned Indirect (I) Following (Instr. 4) (Instr. 4) Reported

Transaction(s) or (Instr. 3 and 4)

(A)

Price (D)

Code V Amount

Common Stock

02/01/2010

J(1)15,000 Α <u>(1)</u> 215,000 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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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	5. 6. Date Exercisable and		7. Title and		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amount	of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day	Year)	Underlyi	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative			Securities		(Instr. 5)	Bene
	Derivative				Securities Acquired			(Instr. 3 and 4)			Own
	Security									Follo	
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								٨	mount		
						Date Expiration		or Title Number			
						Exercisable	Date	of			
				Code V	(A) (D)				hares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

O'Brien Kim Thorne C/O GLOBAL RESOURCE CORPORATION 1000 ATRIUM WAY, SUITE 100 MOUNT LAUREL,, NJ 08054



Signatures

/s/ Kim Thorne 02/19/2010 O'Brien

**Signature of Reporting 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).

15,000 shares of Common Stock were issued by the Issuer to the reporting Person as compensation for services provided by the Reporting

(1) Person outside the scope of the services provided by her as a member of the Issuer's Board of Directors, which shares were valued at

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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