

# SECURITIES AND EXCHANGE COMMISSION

## FORM 5

Annual statement of changes in beneficial ownership of securities

Filing Date: **2009-01-26** | Period of Report: **2008-12-31**  
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### ISSUER

#### Global Resource CORP

CIK: **1128949** | IRS No.: **841565820** | State of Incorporation: **CO** | Fiscal Year End: **1231**  
SIC: **3559** Special industry machinery, nec

#### Mailing Address

408 BLOOMFIELD DR., UNIT 3  
WEST BERLIN NJ 08091

#### Business Address

408 BLOOMFIELD DR., UNIT 3  
WEST BERLIN NJ 08091  
856-767-5661

### REPORTING OWNER

#### O'Brien Kim Thorne

CIK: **1414023**  
Type: **5** | Act: **34** | File No.: **000-50944** | Film No.: **09546082**

#### Mailing Address

408 BLOOMFIELD DR. #3  
WEST BERLIN NJ 08091

#### Business Address

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## 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).

Form 3 Holdings Reported

Form 4 Transactions Reported

### ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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. Name and Address of Reporting Person <b>O'Brien Kim Thorne</b>			2. Issuer Name and Ticker or Trading Symbol <b>Global Resource CORP [GBRC]</b>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		
(Last)	(First)	(Middle)	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) <b>12/31/2008</b>			6. Individual or Joint/Group Reporting (Check applicable line) <input checked="" type="checkbox"/> Form Filed by One Reporting Person <input type="checkbox"/> Form Filed by More than One Reporting Person		
19 SAWMILL ROAD			4. If Amendment, Date Original Filed(Month/Day/Year)					
(Street) <b>MEDFORD, NJ 08055</b>								
(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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D) Price			

**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 Securities Underlying Derivative Security (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)	
					(A)	(D)	Date Exercisable	Expiration Date						Title
Warrants (1)	\$2.63	02/07/2008		A 4	3,000		02/07/2008	02/07/2013	Common Stock	3,000	(2)	3,000	D	
Warrants (1)	\$2.83	05/21/2008		A 4	3,000		05/21/2008	05/21/2013	Common Stock	3,000	(2)	3,000	D	
Warrants (1)	\$2.25	09/24/2008		A 4	5,000		09/24/2008	09/24/2013	Common Stock	5,000	(2)	5,000	D	
Warrants (3)	\$1.35	11/13/2008		A 4	10,000		11/13/2008	11/13/2013	Common Stock	10,000	(2)	10,000	D	

**Explanation of Responses:**

- Issued as compensation for attending Board of Director's meetings.
- Not applicable.

3. Issued as compensation for serving as an Audit Committee member.

**Signatures**

/s/ Kim Thorne O'Brien

\*\* Signature of Reporting Person

01/22/2009

Date

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

\* 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).

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.**