

Castillo Sanchez Mejorada Enrique  
 Form 3  
 August 05, 2010

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *                             |         |          | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol                     |  |
| Â Castillo Sanchez Mejorada Enrique                                   |         |          | (Month/Day/Year)                     | SOUTHERN COPPER CORP/ [SCCO]   |  |
| (Last)  | (First) | (Middle) |                                      | 4. Relationship of Reporting Person(s) to Issuer                       | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| C/O SOUTHERN COPPER CORPORATION,Â 11811 NORTH TATUM BLVD., SUITE 2500 |         |          |                                      | (Check all applicable)   |  |
| (Street)  |         |          |                                      | <input checked="" type="checkbox"/> Director                           | <input type="checkbox"/> 10% Owner                   |
|   |         |          |                                      | <input type="checkbox"/> Officer                                       | <input type="checkbox"/> Other                       |
|   |         |          |                                      | (give title below)   | (specify below)                                      |
| PHOENIX,Â AZÂ 85028   |         |          |                                      | 6. Individual or Joint/Group Filing(Check Applicable Line)             |  |
| (City)  | (State) | (Zip)    |                                      | <input checked="" type="checkbox"/> Form filed by One Reporting Person |  |
|   |         |          |                                      | <input type="checkbox"/> Form filed by More than One Reporting Person  |  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock                    | 0   | D  | Â   |

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

SEC 1473 (7-02)

**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 control number.**

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

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date | 3. Title and Amount of Securities Underlying | 4. Conversion | 5. Ownership | 6. Nature of Indirect Beneficial Ownership |
|--|---|--|---------------|--------------|--|
|--|---|--|---------------|--------------|--|

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| (Month/Day/Year)    | Derivative Security<br>(Instr. 4) | or Exercise<br>Price of<br>Derivative<br>Security | Form of<br>Derivative<br>Security:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 5) | (Instr. 5) |
|---------------------|-----------------------------------|---|--|------------|
| Date<br>Exercisable | Expiration<br>Date                | Title   | Amount or<br>Number of<br>Shares   |            |

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director 10% Owner Officer Other

Castillo Sanchez Mejorada Enrique  
 C/O SOUTHERN COPPER CORPORATION  
 11811 NORTH TATUM BLVD., SUITE 2500  
 PHOENIX, AZ 85028

Â X      Â      Â      Â

## Signatures

Enrique Castillo Sanchez Mejorada by his Attorney-In-Fact Fabiola Alvarado

08/04/2010

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(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. 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.