PHELPS DODGE CORP

Form 4

December 22, 2004

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

2005

3235-0287 Number: January 31,

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if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

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)

(Last)

(City)

1. Name and Address of Reporting Person
MIELE ARTHUR R

2. Issuer Name and Ticker or Trading Symbol

PHELPS DODGE CORP [PD]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Senior VP, Marketing

below)

(First) (Middle)

(Zip)

3. Date of Earliest Transaction

(Month/Day/Year)

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

C/OPHELPS DODGE CORPORATION, ONE NORTH **CENTRAL AVENUE**

(State)

(Street) 4. If Amendment, Date Original

12/21/2004

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

PHOENIX, AZ 85004

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

below)

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Shares	12/21/2004		M <u>(1)</u>	5,000	A	\$ 65.375	23,655	D	
Common Shares	12/21/2004		S <u>(1)</u>	5,000	D	\$ 100	18,655	D	

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

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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 on f Derivative Securities Acquired (A) or Disposed of	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and A Underlying S (Instr. 3 and	Securities
				Code V	(D) (Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option/Right to Purchase	\$ 65.375	12/21/2004		M(1)	5,000	(2)	12/03/2007	Common Shares	5,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MIELE ARTHUR R C/OPHELPS DODGE CORPORATION ONE NORTH CENTRAL AVENUE

Senior VP, Marketing

PHOENIX, AZ 85004

Signatures

(1)

/s/ S. David Colton, Attorney-in-Fact for Arthur R.
Miele
12/22/2004

**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).
- (1) THIS TRANSACTION WAS EFFECTED PURSUANT TO A RULE 10b5-1(c) TRADING PLAN ADOPTED BY THE REPORTING PERSON, DATED FEBRUARY 13, 2004.
- GRANT OF OPTIONS ON DECEMBER 2, 1997 PURSUANT TO THE PHELPS DODGE CORPORATION 1993 STOCK OPTION (2) AND RESTRICTED SHARE PLAN AND VESTED IN THREE SUBSTANTIALLY EQUAL INSTALLMENTS ON DECEMBER 2, 1998, 1999 AND 2000.

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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