

PHELPS DODGE CORP
 Form 4
 March 21, 2007

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN 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 *
DUNHAM ARCHIE W

(Last) (First) (Middle)

C/O PHELPS DODGE CORPORATION, ONE NORTH CENTRAL AVENUE

(Street)

PHOENIX, AZ 85004

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
PHELPS DODGE CORP [PD]

3. Date of Earliest Transaction
 (Month/Day/Year)
03/19/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

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

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)
				(A) or (D)	Price		
Common Shares	03/19/2007		M	15,428.65	A \$ 0	15,428.65	D
Common Shares	03/19/2007		D	15,428.65	D \$ 1,993,767.3	0	D

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

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 (9-02)

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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Phantom Stock	(1)	03/19/2007		M	15,428.65	(1)	(1)	Common Shares	15,428.65
Phantom Stock	(2)	03/19/2007		D	17,803.48	(2)	(2)	Common Shares	17,803.48

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DUNHAM ARCHIE W C/O PHELPS DODGE CORPORATION ONE NORTH CENTRAL AVENUE PHOENIX, AZ 85004	X			

Signatures

/s/ S. David Colton, Attorney-in-Fact for Archie W. Dunham

03/21/2007

__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) Each issuer deferred stock unit disposed of in exchange for a cash payment equal to the fair market value of a share of issuer common stock on the closing of the merger contemplated by a merger agreement (the "Merger Agreement") between the issuer and Freeport-McMoRan Copper & Gold Inc ("Freeport"). Pursuant to the terms of the issuer's Directors Stock Unit Plan, cash payments in respect of deferred stock units are made 30 days after the closing date.

(2) Each issuer stock unit in the Directors Deferred Compensation Plan disposed of in connection with the merger contemplated by the Merger Agreement in exchange for a Freeport stock unit representing the right to receive 0.67 shares of Freeport common stock and a cash amount of \$88.00.

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.