MIELE ARTHUR R Form 144 September 24, 2004

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

FORM 144

NOTICE OF PROPOSED SALE OF SECURITIES PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933

Transmit for filing 3 copies of this form concurrently with either placing an order with a broker to execute sale or

ATTENTION:

executing a sale directly with a market maker. 1(a) Name of Issuer (b) IRS Ident. No. (c) S.E.C. File No. PHELPS DODGE CORPORATION 13-1808503 1-82 Address of Issuer (e) Telephone One North Central Avenue Phoenix, AZ 85004 602 366-8100 (Street) (City) (State) (Zip Code) (Area Code) (Number) 2(a) Name of Person For Whose Account the (b) IRS Ident. No. (c) Relationship to Issuer Securities are to be Sold Arthur R. Miele 080-34-9436 **Executive Officer**

(d)	Address							
	8136 N. 68th Street		Paradise Valley, AZ 85253					
	(Street)		(City)	(State)	(Zip Code)			
INSTRUCTION:		The person filing this notice should c Number	contact th	e issuer to o	obtain the I.R.S. Iden	tification Numbe	r and the S.E.C. File	

3(a) Title of the Class of Securities to be Sold	(b) Name and Address of Each Broker Through Whom the Securities Are to be Offered or Each Market Maker Who is Acquiring the Securities	SEC USE ONLY Broker-Dealer File Number	(c) Number of Shares or Other Units to be Sold (See Instr. 3(c))	(d) Aggregate Market Value (See Instr. 3(d))	(e) Number of Shares or Other Units Outstanding (See Instr. 3(e))	(f) Approximate Date of Sale (Mo/Day/Yr) (See Instr. 3(f))	(g) Name of Each Securities Exchange (See Instr. 3(g))
Common Stock	Future Share Financial		10,000	869,800	94,337,342	09/24/2004	NYSE

INSTRUCTIONS:

- 1. (a) Name of issuer
 - (b) Issuer s I.R.S. Identification Number
 - (c) Issuer s S.E.C. file number, if any
 - (d) Issuer s address, including zip code
 - (e) Issuer s telephone number, including area code
- 2. (a) Name of person for whose account the securities are to be sold
 - (b) Such person s I.R.S. Identification number, if such person is an entity
 - (c) Such person s relationship to the issuer (e.g., officer, director, 10 percent stockholder, or member of immediate family of any of the foregoing)
 - (d) Such person s address, including zip code
- 3. (a) Title of the class of securities to be sold
 - (b) Name and Address of each broker through whom the securities are intended to be sold
 - (c) Number of shares or other units to be sold (if debt securities, give the aggregate face amount)
 - (d) Aggregate market value of the securities to be sold as of a specified date within 10 days prior to the filing of this notice
 - (e) Number of shares or other units of the class outstanding, or if debt securities the face amount thereof outstanding, as shown by the most recent report or statement published by the issuer
 - (f) Approximate date on which the securities are to be sold
 - (g) Name of each securities exchange, if any, on which the securities are intended to be sold

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TABLE I SECURITIES TO BE SOLD

Furnish the following information with respect to the acquisition of the securities to be sold and with respect to the payment of all or any part of the purchase price or other consideration therefor:

Transaction	(if gift, also give date donor acquired)	Securities Acquired	Date of Payment	Nature of Payment
Cashless Exercise of Stock Option	Phelps Dodge Corporation	10,000	09/24/2004	Cashless
		1	1	1

INSTRUCTIONS:

If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

TABLE II SECURITIES SOLD DURING THE PAST 3 MONTHS

Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.

Name and Address of Seller	Title of Securities Sold	Date of Sale	Amount of Securities Sold	Gross Proceeds
Arthur R. Miele, 8136 N. 68th Street, Paradise Valley, AZ 85253	Common Stock	07/29/2004	15,000	1,145,128.50
Arthur R. Miele, 8136 N. 68th Street, Paradise Valley, AZ 85253	Common Stock	07/30/2004	9,667	759,369.92
Arthur R. Miele, 8136 N. 68th Street, Paradise Valley, AZ 85253	Common Stock	08/09/2004	14,266	1,058,189.11

REMARKS:

The shares covered by this Form 144 are being sold pursuant to a Rule 10b5-1 (c) sales plan, dated February 13, 2004, and the representation below regarding the seller's knowledge of material information speaks as of that plan adoption date.

INSTRUCTIONS:

See the definition of person in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

09/24/2004

ATTENTION:

The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the issuer of the securities to be sold which has not been publicly disclosed.

/s/J. Dale Brunk, Attorney-in-fact for Arthur R. Miele

DATE OF NOTICE

(SIGNATURE)

The notice shall be signed by the persons for whose account the securities are to be sold.

At least one copy of the notice shall be manually signed.

Any copies not manually signed shall bear typed or printed signatures.

ATTENTION:

Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)

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