

MINERAL SURVEY No. 3912

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Phelps Dodge Corporation

KNOWN AS THE

WYOMING, WEST END, and SOUTHERN BELLE Lodes

Copper Mountain Mining District,

Greenlee County, Arizona.

Section s. 17-20, Township 4 S., Range 29 E.

Surveyed under instructions dated September, 5, 1923

by J. N. Stevens.  
U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced September 27, 1923

Survey completed September 30, 1923

Address of claimant Jos. P. Hodgson, Agent and Atty in fact.  
Morenci, Arizona.

DATES OF AMENDED LOCATIONS.

Obs.

Feet	MINERAL SURVEY NO. 3912
	WYOMING Lode.
	Beginning at Cor. No.1, identical with Loc. Mon.
	A pine post 4 ins. sq by 4 ft. high, set firmly in the ground and surrounded with md of stone 3 1/2 ft. base by 3 ft. high,
	Scribed 1 W-3912, whence the Cor. to Secs. 16-17-20 and 21, T. 4 S. R. 29 E. brs. N. 69°51' E., 1005.5 ft.
	No other bearings are available
	Thence N. 75°26' W. Va. 13° 30' E.
302.50	To S. end center.
	A pine post 4 ins. sq by 4 ft. high, set firmly in the ground and surrounded with md. of stone 3 1/2 ft. base by 3 ft. high.
	Scribed S. Cr. W.
340.33	To Cor. No.14 Sur. No.1172 Nevada lode, and on line 2-3 Sur. No. 3546 Ella Belle both claimant herein at S.61° 58'E., 100.5 ft. from Cor. No.2 and N. 61° 58'W., 591.5 ft. from Cor. No.3.
460.34	Intersect lines 1-2 and 3-4 Sur. No.3546 Ella Belle and Dorcas lodes respectively at S.58°09'W., 32.31 ft. from Cor. No.2 and N.58°09'E., 1222.69 ft. from Cor. No.1 Ella Belle lode, and S. 58°09' W., 11.63 ft. from Cor. No.3 and N. 58° 09' W., 593.69 ft. from Cor. No. 4 Dorcas lode.
627.8	To Cor. No.2, identical with Loc. Mon.
	A pine post 4 ins. sq by 4 ft. high, set firmly in the ground and surrounded with md. of stone 3 1/2 ft base by 3 ft. high.
	Scribed 2 W - 3912.
	Cor. No.3 Sur. No.3546 Dorcas lode brs. S.78° 11' E., 175.68 ft.
	No other bearings are available.
	Thence N. 13° 36' W Va. 13° 30' E.
152.62	To Cor. No. 2 Southern Belle lode of this Sur, hereinafter described On line 2-3 Sur. No. 3546 Dorcas lode at N. 48° 26' W., 277.8 ft. from Cor. No.3 , and S.48° 26' E., 1037.2 ft. from Cor. No.2
1400.00	Gulch brs southwesterly.
1434.34	To Cor. No.3, identical with Loc. Mon and Cor. Nos 3-4, Southern

Feet

## MINERAL SURVEY NO. 3912

## WYOMING Lode- Cont'd.

Belle and West End lodes of this Sur. and Cor. No. 27 Sur. No. 1030  
A, Kupfer lode.

A pine post 4 ins. sq. by 4 ft. high set firmly in the ground and  
surrounded with md. of stone 3 1/2 ft. base by 3 ft. high.

Scribed 3 W, 3 S B, 4 W E - 3912 and 27 K- 1030 A.

No bearings are available.

Thence S. 75° 26' E.  
Va. 13° 30' E.

40.00 Gulch brs. southerly.  
325.3 To N. end center, identical with S. end Center Sur. No. 1030 A

Kupfer lode.

A pine post 4 ins sq by 4 ft high set firmly in the ground and  
surrounded with md of stone 3 1/2 ft. base by 3 ft. high, scribed  
N. Cr. W. and S. Cr. K.

350.0 Gulch brs westerly.

627.8 To Cor. No. 4 , identical with Loc. Mon. on line 3-4 Sur. No. 3362  
Seneca lode at S. 13° 36' E. 109.47 ft. from Cor. No. 4 .

A pine post 4 ins. sq. by 4 ft. high set firmly in the ground  
and surrounded with md. of stone 3 1/2 ft. base by 3 ft. high  
scribed 4 W- 3912 .

Cor. No. 26 Sur. No. 1030A, Kupfer lode brs S. 75° 26' E., 22.8 ft.  
U.S.L.M. No. 1654 brs. N. 40° 53' E., 4295 ft.  
No other bearings are available.

Thence S. 13° 36' E.  
Va. 13° 30' E.

1106.83 To Cor. No. 3 Sur. No. 3362 Seneca lode. and  
Intersect line 14-15 Sur. No. 1172 Nevada lode at N. 47° 19' E.,  
343.3 ft. from Cor. No. 14. and S. 47° 19' W. 812.6 ft. from Cor.  
No. 15.

1434.34 To Cor. No. 1, the place of beginning.

## WEST END Lode.

Beginning at Cor. No. 1, identical with Loc. Mon. and Cor. No. 3  
Sur. No. 1654 A. Petaluma No. 2 lode, claimant herein.

A pine post 4 ins sq by 4 ft. high set firmly in the ground and  
surrounded with md of stone 3 1/2 ft. base by 3 ft. high,

Feet.

MINERAL SURVEY NO. 3912

WEST END Lode- Cont'd.

Scribed 1 WE- 3912, 3 P No.2-1654 A, whence the 1/4 Cor. bet  
Secs 16-17 T. 4 S. R. 29 E. brs. N. 67° 28' E., 1233.5 ft.

Cor. No. 28 Sur. No.1030 A Kupfer lode and Cor. No.2 Sur. No.1654 A  
Petaluma No. 2 lode brs. N. 34° 03' E., 279.54 ft.

No other bearings are available.

Thence N. 75° 26' W.

Va. 13° 30' E.

16.18 Intersect line 27-28 Sur. No. 1030 A Kupfer lode at S.37°06'50"W.,  
285.34 ft. from Cor. No.28 and N. 37°06'50" E., 1210.18 ft. from  
Cor. No. 27.

325.0 To N. end center.

A pine post 4 ins sq by 4 ft. high set firmly in the ground and  
surrounded with md of stone 3 1/2 ft. base by 3 ft. high, scribed  
N. Cr. W E.

Sur. No.1654 A.

504.25 Intersect line 4-5 and 1-2 Petaluma No.2 and Petaluma No.3 lodes  
respectively at N. 19°40'E., 283.42 ft. from Cor Nos. 4-2 and  
S. 19° 40' W., 1216.58 ft. from Cor. Nos 5-1. Cor. No.3 said Petaluma  
No.2 lode brs N. 76° 30'E. 600 ft from Cor No 4 said lode.

650.00 To Cor. No.2, identical with Loc. Mon.

A pine post 4 ins. sq by 4 ft. high set firmly in the ground  
and surrounded with md.of stone 3 1/2 ft. base by 3 ft. high,  
scribed 2 W E-3912.

Cor. Nos 2-4 Sur. No.1654 A Petaluma No.3 and Petaluma No.2 lodes  
respectively brs. S. 8° 33' 30" E., 307.03 ft.

No other bearings are available.

Thence S. 37° 49' W.

Va. 13° 30' E.

489.31 Intersect line 2-3 Sur. No. 1654 A Petaluma No. 3 lode at S.76°30'W  
355.52 ft. from Cor No. 2 and N. 76° 30' E., 359.48 ft. from Cor.  
No. 3 .

1216.50 To Cor. No.3, identical with Loc. Mon. and Cor. No.4 Southern  
Belle lode of this Sur.

A pine post 4 ins sq by 4 ft high, set firmly in the ground and

Feet.	MINERAL SURVEY NO. 3912 WEST END Lode- Cont'd.
	<p>surrounded with md of stone 3 1/2 ft. base by 3 ft. high, Scribed 3 WE, 4 SB-3912.</p> <p>No bearings are available.</p> <p>Thence S. 75° 26' E. Va. 13° 30' E.</p>
325.00	<p>To S. end center, identical with N. end center Southern Belle lode of this Sur.</p> <p>A pine post 4 ins sq by 4 ft. high, set firmly in the ground and surrounded with md of stone 3 1/2 ft. base by 3 ft. high, scribed S. Cr. WE and N. Cr. S.B.</p>
650.00	<p>To Cor. No.4, identical with Loc. Mon. and Cor. Nos. 3-3 Southern Belle and Wyoming lodes of this Sur. and Cor. No. 27 Sur. No. 1030A Kupfer lode, heretofore described.</p> <p>Thence N. 37° 49' E. Va. 13° 30' E.</p>
80.00	Gulch brs. southerly.
1216.50	To Cor. No.1, the place of beginning.
	<p style="text-align: center;">SOUTHERN BELLE Lode.</p> <p>Beginning at Cor. No.1.</p> <p>A pine post 4 ins. sq by 4 ft. high, set firmly in the ground and surrounded with md of stone 3 1/2 ft. base by 3 ft. high, Scribed 1 SB-3912, whence the 1/4 Cor. Bet. Secs. 17-20, T.4 S., R. 29 E. brs. S.73° 46' W., 441.0.ft.</p> <p>Loc. Mon. brs. S. 13° 36' E., 152.62 ft.</p> <p>Cor. No.2 Sur. No.3546 Dorcas lode brs. N. 15° 38' 30" W., 544.91ft.</p> <p>No other bearings are available.</p> <p>Thence S. 75° 26' E. Va. 13° 30' E.</p>
325.00	<p>To S. end center.</p> <p>A pine post 4 ins. sq by 4 ft. high, set firmly in the ground and surrounded with md of stone 3 1/2 ft. base by 3 ft. high, scribed S. Cr. S B</p>
650.00	<p>To Cor. No.2, on line 2-3 Sur. No.3546 Dorcas Lode at N.48°26'W., 277.8 ft. from Cor. No.3</p>

Feet

## MINERAL SURVEY NO. 3912

## SOUTHERN BELLE LODE-Cont'd.

Also on line 2-3 Wyoming lode of this Sur.

A pine post 4 ins. sq. by 4 ft. high set firmly in the ground and surrounded with md of stone 3 1/2 ft. base by 3 ft. high, scribed 2 S B - 3912.

Loc. Mon. brs. S. 13° 36' E., 152.62 ft.

No other bearings are available.

Thence N. 13° 36' W.  
Va. 13° 30' E.

- 1247.36 Gulch brs southwesterly.
- 1281.72 To Cor. No.3, identical with Loc. Mon. and Cor. Nos.3-4 Wyoming and West End lodes and Cor. No.27 Sur. No.1030 A Kupfer lode, heretofore described.
- 325.00 To N. end center, identical with S. end center West End lode of this Sur., heretofore described.
- 650.00 To Cor. No.4, identical with Loc. Mon. and Cor. No.3 West End lode of this Sur. heretofore described.
- 500.00 Road brs westerly.
- 765.09 Intersect line 2-3 Sur. No. 3546 Dorcas lode at S. 48°26' E., 34.0 ft. from Cor. No.2 and N. 48°26' W., 1281.0 ft. from Cor. No.3
- 1900.00 Gulch brs southwesterly.
- 1281.72 To Cor. No.1, the place of beginning.

-----000-----

## LODE LINES.

As near as can be determined from the present developments, the veins of the several locations embraced in this claim, extend as follows from their respective discovery points.

Wyoming lode, N. 13°36'W., 350. ft., and 1084.34 ft., S.13°36'E.

West End lode, 150 ft. S.37°49'W., and 1166.5 ft., N.37°49'E.

Southern Belle lode, 150 ft.N.13°36'W., and 1231.72 ft.S.13°36'E.

MINERAL SURVEY NO. 3912

AREA.

	Acres.
Total area Wyoming lode-----	18.224 ✓
Area in conflict with;	
Sur. No. 1172 Nevada lode-----	1.128 ✓
Sur. No. 3546 Ella Belle lode-----	0.032 ✓
Sur. No. 3546 Dorcas lode-----	0.294
Total area West End lode-----	16.678 ✓
Area in conflict with;	
Sur. No. 1030 A Kupfer lode-----	0.207 ✓
Sur. No. 1654 A. Petaluma No. 2 lode-	1.634 ✓
Sur. No. 1654 A Petaluma No. 3 lode-	1.721 ✓
exclusive of its conflict with "Sur. No. 1030 A, Kupfer" lode, 1.632	
Total area Southern Belle lode-----	16.861 ✓
Area in conflict with;	
Sur. No. 3546 Dorcas lode-----	3.398

The survey of each lode of this location is identical with the respective locations as staked upon the ground, except as hereinbefore noted.

LOCATION.

This survey is located in S E 1/4 Sec. 17 and N E. 1/4 Sec. 20, T. 4 S., R. 29 E. G. & S, R. M.

-----000-----

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon or for the benefit of each of the locations embraced in said mining claim by the claimant or its grantors is not less than five hundred dollars, and that said improvements consist of:

WYOMING LODGE.

No. 1 the discovery point, on the lode line 350 ft. from point on line 3-4, 325.3 ft. from Cor. No. 3, a monument of stone on cropping.

No Value.

No. 2 A cut, the mouth of which brs from Cor. No. 3 S. 27° E., 250 ft. 4 1/2 ft. wide 10 ft. face running N. 58° E., 25 ft. to face, from face a tunnel 4 x 6 ft running East 75 ft. to face.

Value cut and tunnel \$ 850.00

No. 3 A cut, the mouth of which brs. from Cor. No. 3, S. 17° 15' E., 730. ft. 4 1/2 ft. wide 8 ft. face running N. 73° E., 15 ft. to face.

Value \$100.0

MINERAL SURVEY NO. 3912

EXPENDITURE OF FIVE HUNDRED DOLLARS- Cont'd.

WEST END Lode.

No.1 The discovery point, on the center line 50 ft. from the center of line 3-4 , a md of stone on cropping.

No value.

No. 2 A tunnel, the mouth of which brs. from Cor. No4 N. 43° 56'W., 260 ft. 4 x 6 ft. running N. 44° W., 90.0 to face.

Value \$900.0

SOUTHERN BELLE Lode.

No.1 The discovery point, on the center line 50 ft. from the center of line 3-4, a md of stone on cropping.

No value.

No.2 A tunnel, the mouth of which brs from Cor. No.3 S. 84° 30' W., 185 ft. 4 x 6 ft. running S. 76° W., 100 ft. to face.

Value \$1000.0

OTHER IMPROVEMENTS.

A tunnel 6 x 8 ft. the mouth of which brs. from Cor. No.3 Southern Belle lode S. 10° E., 760 ft. running S. 60° E., 1320 ft. (Approx)

INSTRUMENT.

This survey was made with a Gurley mountain transit, the courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 500 ft. steel tape.

REPORT.

The lode line of each location of this claim was run directly upon the ground, and the corners were established by running around the claims.

The Cor. to Secs. 16-17-20 and 21, the 1/4 cor. bet. Secs. 16-17 and the 1/4 Cor. bet. Secs. 17-20 all consist of iron posts with brass caps on top, stamped with the number of the section.

Sur. No.3546 Dorcas and Ella Belle lodes, all corners consist of pine posts 4 x 6 ins. showing 4 ft. above ground, properly set and scribed with the number of the corner and the survey.



## MINERAL SURVEY NO. 3912

## REPORT - Cont'd.

Sur. No. 1172 Nevada lode, Cor. No. 14 consists of a pine post 4 ins. sq. properly set and scribed 14 N.-1172. Cor. No. 15 is not in place.

Sur. No. 3362 Seneca lode. Cor. No. 3 consists of a pine post 4 x 6 ins. 4 ft. above ground, properly set and scribed 3 S-3362.

Cor. No. 4 consists of a md. of stone the post having been destroyed. I find course and distance of line 3-4 to be correct as approved.

Sur. No. 1030 A Kupfer lode. Cor. No. 28 consists of a pine post 4 ins sq set in md of stone, the markings I was unable to read on account of the decayed condition of the post. Cor. Nos 26 and 27 are mounds of stone, the posts having been destroyed. Line 27-28 fails to furnish the course and distance as approved and same is properly given in these field notes. Line 26-27 I find to be correct as approved

Sur. No. 1654 A. Cor. No. 3 Petaluma No. 2 lode is a pine post 4 ins sq properly set and scribed 3 P No. 2 1654 A. No evidence remains of Cor. Nos 4-2, Petaluma Nos. 2-3 lodes respectively and Cor. No. 3 Petaluma No. 3 lode. Their conflict with West End Lode of this Sur. was therefore calculated from the records.

U.S. L. M. No. 1654 consists of a pine post 6 ins sq. by 8 ft. high surrounded with md of stone 6 ft. base by 4 1/2 ft. high, scribed U.S. L.M. No. 1654.

## ADJOINING CLAIMS.

On the north by Sur. No. 1654 A Petaluma Nos 2 and 3 lodes, Sur. No. 1030 A Kupfer lode.

On the east by Sur. No. 1030 A Kupfer lode, Sur. No. 3362 Seneca lode and Sur. No. 1172 Nevada lode.

On the south by Sur. No. 1172 Nevada lode and Sur. No. 3546 Ella Belle and Dorcas lodes .

On the west by Sur. No. 3546 Ella Belle and Dorcas lodes, Barcelona, Santiago and Bahama lodes, <sup>unsurveyed.</sup> All belonging to claimant herein.

*do not include in transcript*

MINERAL SURVEY NO. 3912

SOLAR OBSERVATION.

Direct solar observation taken Friday, Sept. 28, 1923.

Time 1:45 PM Solar time, Sun bisected- Lat. 33°04', Lon. 109°23'

Difference in time 9 h 2 m

Apparent declination 1° 43' 4.8"

$$\text{Dec'l} = \frac{8'47''}{1^\circ 51'52''}$$

$$P = 90 + \text{Dec'l} = 91^\circ 51' 52''$$

$$L = 33^\circ 04'$$

$$H = 45^\circ 14'$$

$$P = 91^\circ 51' 52''$$

$$2) \frac{170^\circ 09' 52''}{85^\circ 04' 56''} = S$$

$$85^\circ 04' 56'' = S$$

$$\sin \frac{1}{2} A = \sqrt{\frac{\sin (S-L) (S-H)}{\cos L \cos H}}$$

$$S-L = 52^\circ 00' 56''$$

$$S-H = 39^\circ 50' 56''$$

$$9.8966243$$

$$9.8066988$$

$$0.0767372$$

$$0.1522901$$

$$2) \frac{19.9323504}{9.9661752} = 67^\circ 40' 50'' = \frac{1}{2} A$$

$$9.9661752 = 67^\circ 40' 50'' = \frac{1}{2} A$$

$$6 \quad 135^\circ 21' 40'' = A.$$

$$180^\circ - 135^\circ 21' 40'' = S.44^\circ 38' 20'' W = \text{bearing of sun.}$$

$$\frac{58^\circ 14'}{S13^\circ 36' E} = \text{Ang to left from sun.}$$

$$S13^\circ 36' E = \text{Course of line}$$

Set up at Cor. No. 2 Southern Belle lode, F S to Cor. No. 2 Wyoming lode.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by T. N. Stevens  
 United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and  
 boundaries described in the foregoing field notes of the survey of the mining claim of \_\_\_\_\_  
 \_\_\_\_\_ Phelps Dodge Corporation \_\_\_\_\_  
 known as the \_\_\_\_\_ WYOMING, WEST END, and SOUTHERN BELLE Lodes \_\_\_\_\_  
 and showing the respective capacities in which they acted.

\_\_\_\_\_ John H. Dexter \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Arman.*  
 \_\_\_\_\_, *Flagman.*

## FINAL OATHS OF ASSISTANTS.

We, I, John H. Dexter \_\_\_\_\_  
 --and-- \_\_\_\_\_, do solemnly swear that we assisted \_\_\_\_\_  
 \_\_\_\_\_ T. N. Stevens \_\_\_\_\_, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of \_\_\_\_\_ Phelps Dodge Corporation \_\_\_\_\_  
 \_\_\_\_\_  
 known as the \_\_\_\_\_ WYOMING, WEST END, and SOUTHERN BELLE Lodes \_\_\_\_\_  
 represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his  
 direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully  
 and correctly executed, and the corner and boundary monuments established according to law and the instruc-  
 tions furnished by the United States Surveyor-General for \_\_\_\_\_ Arizona. \_\_\_\_\_

\_\_\_\_\_ John H. Dexter \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Arman.*  
 \_\_\_\_\_, *Flagman*

Subscribed and sworn to by the above-named persons before me this 6th

day of December, 1923

*My Commission Expires June 4, 1924*

\_\_\_\_\_ Sabel W. Souder \_\_\_\_\_  
 \_\_\_\_\_ Notary Public \_\_\_\_\_

4-686.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, T.N. Stevens, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated September 5, 1923, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of Phelps Dodge Corporation, known as the WYOMING, WEST END, and SOUTHERN BELLE Lodes, situate in Copper Mountain Mining District, Greenlee County, Arizona, in Sections 17-20, Township No. 4 S., Range No. 29 E., G. & S.R. M., and designated as Survey No. 3912, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or its grantors are as therein fully stated, and that the character, extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

T.N. Stevens
U. S. Mineral Surveyor.

Subscribed and sworn to by the said T.N. Stevens
U. S. Mineral Surveyor, before me Label M. Lander, a
Notary Public this 6th
day of December, 1923

My Commission Expires June 4, 1924

Label M. Lander
Notary Public

(4-688.)

U. S. SURVEYOR GENERAL'S FINAL CERTIFICATE ON  
FIELD NOTES.

DEPARTMENT OF THE INTERIOR,  
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona.

February 25, 1924.

I, U. S. Surveyor General for District of Arizona,  
do hereby certify that the foregoing transcript of the Field Notes, return and approval  
of the Survey of the mining claim of

Phelps Dodge Corporation

, known as the WYOMING, WEST END, and SOUTHERN BELLE  
lodes, situate in Copper Mountain

Mining District, Greenlee County,

Arizona, in Sections 17 - 20, Township No. 4 S.,

Range No. 29 E., and designated as Survey

No. 3912, has been correctly copied from the originals on  
file in this office; that said Field Notes furnish such an accurate description of said  
mining claim as will, if incorporated into a patent, serve fully to identify the premises,  
and that such reference is made therein to natural objects or permanent monuments as  
will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended  
or improvements made upon <sup>each of</sup> said mining claims by claimant or its grantors, and  
that said improvements consist of 2 cuts and 3 tunnels, total value  
\$2850.

and that no portion of said labor or improvements has been included in the estimate of  
expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix,  
Arizona is correct and in conformity with the foregoing Field Notes.

Charles M. Donahoe

United States Surveyor General for Arizona.

4-687

**SURVEYOR GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES  
AND SURVEY OF MINING CLAIM**

**DEPARTMENT OF THE INTERIOR  
OFFICE OF U. S. SURVEYOR GENERAL**

.....Phoenix, Arizona.....

.....February 25....., 1924

I, U. S. Surveyor General for .....District of Arizona.....

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the  
Mining Claim of .....

.....Phelps Dodge Corporation.....

....., known as the

.....WYOMING, WEST END, and SOUTHERN BELLE lodes.....

situate in .....Copper Mountain..... mining district,

.....Greenlee..... County, .....Arizona.....

in Sections 17 - 20....., Township No. 4 S....., Range No. 29 E.....

....., designated as Survey No. 3912.....

executed by .....T. N. Stevens....., U. S. Mineral

Surveyor, .....September 27 - 30....., 1923, under my instructions dated

.....September 5....., 1923, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

.....*Charles M. Donohoe*.....

U. S. Surveyor General for .....Arizona.....