

4-683

*Platted*

**MINERAL SURVEY No. 3442**

Arizona Land District.

**FIELD NOTES**

OF THE SURVEY OF THE MINING CLAIM OF

Phelps Dodge Corporation

KNOWN AS THE

Triangle-Trapezoid lode

Copper Mountain Mining District,

Greenlee County, Arizona

Sections 16 & 21 Uns., Township 4 South, Range 29 E., G. & S. R. B. & M.

Surveyed under instructions dated September 20, 1917.

by E. T. Morton

U. S. Mineral Surveyor.

Claim located see location notice, 19

Survey commenced September 26, 1917.

Survey completed September 28, 1917.

Address of claimant: Messrs. Morris & Malott, Attys.,  
Box 879, Globe, Arizona.

DATES OF AMENDED LOCATIONS.

Feet	
	<p>SURVEY NO. 3442. Triangle Trapezoid lode.</p> <p>Beginning at Cor. No. 1. Identical with Cor. No. 1 Lot No. 38 Arizona Central lode, Also on line 3-4 Sur. No. 3440 Eighty Nine lode at N. 84°22'W. 25.3 ft. from Cor. No. 3 and line 41-42 Sur. No. 1127 Humboldt lode at N.30°34'W. 377.9 ft. from Cor. No. 41, and 174.7 ft. from its intersection with line 3-4 Lot No. 37A Copper Mountain lode. A redwood post in place 4x6 ins. 3.5 ft. high with a mound of stones scribed T T 1 -3442, whence, U.S.L.M. No. 1654 bears N. 9°04' W. 3173.2 ft. ✓ Thence S. 84°21'E.</p>
5.0	North end centre of the location and lode.
213.45	Intersects line 3-4 Sur. No. 3411 January lode at S. 46°36' E. 88.5 ft. from Cor. No. 4.
265.9	To Cor. No. 2. A redwood post in place 4x6 ins. 3.5 ft. high with a mound of stones scribed. T T 2-3442 No bearings available. Thence S. 6°02'W.
40.4	Intersect line 3-4 Sur. No. 3411 January lode at S. 46°36' E. 154.5 ft. from Cor. No. 4, also intersects line 2-3 Lot No. 37 A. Copper Mountain lode at S.46°36' E. 57.5 ft. from Cor. No. 3.
271.7	Intersects line 40-41 Sur. No. 1127 Humboldt lode at N. 56° 29' E. 52.6 from Cor. No. 41.
797	Cor. No. 6 Lot No. 49Regulus lode, also intersects line 4-1 Lot No. 37A Copper Mountain lode at S. 46°36' E. 547.72 ft. from Cor. No. 4.
1106.6	To Cor. No. 3. A redwood post in place 4x6 ins. 3.5 ft. high with a mound of stones scribed,

T T 3-3442.

No bearings available

Thence N. 84°21' W.

126.3 Cor. No. 8 Sur. No. 1030A Eccentric lode.

218.4 Intersect line 3-4 Lot No. 49 Regulus lode at  
S. 32°34' E. 68.1 ft from Cor. No. 4. Cor No. 6 said lode brs.  
N. 51° 22' E. 366.8 ft from Cor. No. 4 thereof.

260.9 South end centre of the location and lode

265.9 To Cor. No. 4.

On line 4-1 and 7-8 Lot No. 38 and Sur. No. 1030A.

Arizona Central and Eccentric lodes at S. 6°02' W.

1106.6ft. and N. 84°21' W. 139.6 ft. from Cors. Nos.

1 and 8 respectively.

A redwood post in place 4x6 ins. 3.5 ft. high with a mound of stones scribed

T T 4-3442

No bearings available.

Thence N. 6°02' E.

514.4 Intersects line 4-1 Lot No. 37A Copper Mountain lode at S. 46°36'E. 213.22 ft. from Cor. No. 4.

843.6 Intersects line 3-4 Lot No. 37A Copper Mountain lode at S. 46°20' W. 340.3 ft and 161 ft. from Cor. No. 3, and its intersection with line 41-42 Sur. No. 1127 Humboldt lode respectively.

1106.6 To Cor. No. 1 the place of beginning.

Variation at all corners 15°00' E.

LODE LINE

As near as can be determined from the present developments the vein of the location embraced in this claim extends as follows from the discovery point:

Triangle Trapezoid lode 241.8 ft. N. 6°02' E. and 864.8 ft. S. 6°02' W.

AREA. Acres.

Total area Triangle Trapezoid lode - - - - - 6.755

Area in conflict with-

Lot No.49 Regulus lode - - - - - 1.061

Sur.No.3411 January lode - - - - - 0.024

Lot No.37A Copper Mountain lode - - - 3.538'  
 Sur.No.1127 Humboldt lode - - - - - 1.057'  
 Sur.No.1127 Humboldt lode (exclusive  
 of its common conflict with Sur.No.  
 3411 January lode - - - - - 1.033'  
 Lot No.37A Copper Mountain lode (ex-  
 clusive of its common conflict with  
 Sur.No.1127 Humboldt lode- - - - - 2.868'

#### ADJOINING LODES.

The adjoining lodes are, <sup>on the North, Sur. No. 3440 Eighty Nine lode, claimant herein,</sup> Sur.No.1127 Humboldt lode,  
 the Arizona Copper Company claimant, Sur.No.3411 January  
<sup>on the East</sup> lode, <sup>on the South</sup> Lot No.37A Copper Mountain lode, Lot No.49 Regulus  
<sup>on the West</sup> lode, <sup>on the West</sup> Sur.No.1030A Eccentric lode, Lot No.38 Arizona Cen-  
 tral lode, ~~and Sur.No.3440 Eighty Nine lode claimant~~  
 herein.

#### LOCATION,

This survey is located in the Copper Mountain Mining  
 District, Greenlee County, Arizona, approximately in Secs.  
 16 and 21 Uns., T.4 SR, 29 E., G. & S.R.B. & M.

#### EXPENDITURE OF FIVE HUNDRED DOLLARS.

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

No.1. The discovery showing mineral in place is on the  
 lode line 241.8 ft. from line 1-2.

Note: The last 110 ft. of the Copper Mountain Tunnel is on  
 this lode and is hereto accredited.

Value of last 110 ft. - - \$2200.00

Note: The adit of the Copper Mountain Tunnel bears from  
 Cor.No.3 of this lode N.18°46'E.554.6 ft., 6x6.5 ft. run-  
 ning N.54°39'W.612 ft., thence North 45 ft., thence N.40°46E.  
 15 ft., thence N.85°49'E.112 ft., thence N.80°E.110 ft.,

thence N.43°E.35 ft.

#### INSTRUMENT

This survey was made with a Buff and Berger light mountain transit. The courses were deflected from the true meridian as determined by polaris observations. The distances were measured with 5,50 and 500 ft. steel tapes.

#### REPORT.

U.S.L.M.No.1654 is a post 7 ins. square properly set and scribed.

Lot No.37A Copper Mountain lode:

All corners are posts properly set and scribed.

Lot No.49 Regulus lode:

All corners are posts properly set and scribed.

Sur.No.1030A Eccentric lode:

Cors.Nos.7 and 8 are posts properly set and scribed.

Lot No.38 Arizona Central lode:

Cors.Nos.1 and 4 are posts properly set and scribed.

Sur.No.3411 January lode:

All corners are posts properly set and scribed.

Sur.No.3440 Eighty Nine lode:

All corners are posts properly set and scribed.

Sur.No.1127 Humboldt lode:

Cors.Nos.41 and 42 are posts properly set and scribed and Cor.No.40 is an iron pin set in cement about 12 ins. below the surface.

The survey of the lode embraced in this location is identical with the amended location as staked upon the ground.

The differences between these field notes and the returns on previous surveys are due to errors in the latter.

The end centers are mounds of stone.

  
U.S. Mineral Surveyor.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by E.T.Morton

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 Triangle-Trapezoid lode

and showing the respective capacities in which they acted.

W.R.Hutchins, *Chainman.*

*Chainman.*

*Axman.*

*Flagman.*

## FINAL OATHS OF ASSISTANTS.

We, I, W.R.Hutchins

~~and~~ <sup>I</sup> do solemnly swear that ~~we~~ assisted

E.T.Morton, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Phelps Dodge Corporation

known as the Triangle-Trapezoid lode

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 instructions furnished by the United States Surveyor-General for Arizona

W.R. Hutchins, *Chainman.*

*Chainman.*

*Axman.*

*Flagman.*

Subscribed and sworn to by the above-named persons before me this 29<sup>th</sup>

day of September, 1917

*My commission expires  
September 30 - 1917*

AR Lynch  
*Notary Public*

# FINAL OATH OF U. S. MINERAL SURVEYOR.

I, E. T. Morton, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated September 20, 1917, 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 Triangle-Trapezoid, situate in Copper Mountain Mining District, Greenlee County, Arizona, in Sections 16 & 21 Un~~S~~Township No. 4 S., Range No. 29 E., G. & S. R. B. & M., and designated as Survey No. 3442, 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.

*E. T. Morton*  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said E. T. Morton  
U. S. Mineral Surveyor, before me A. R. Lynch a notary public  
this 29th  
day of September, 1917

*My commission expires  
September 30-1917.*

*A. R. Lynch*  
Notary Public

# Amended Location Notice

SEP. 19 1917

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED

Phelps Dodge Corporation

a corporation, the assignee of The Detroit Copper Mining Company of Arizona

who on the 7 day of January, 1903, located the Triangle-Trapezoid mining claim situated in the Copper Mountain Mining District Greenlee

(Formerly Graham)

County, Arizona, the location notice of which claim is of record in the office of the Recorder of said County in Book 16, Record of Mines, page 33, has on this 7th, day of September, 1917, made an amended location of said claim, by virtue of which

and of said original location, it claims as a mining claim the following described lead, lode or vein of mineral bearing earth, rock or quartz and premises situated in the Copper Mountain Mining District, in the County of Greenlee Arizona, to-wit:

The name of said claim is the Triangle Trapezoid Mining Claim. The name of the locator is Phelps Dodge Corporation

The length of the claim along said vein or lode is 1106.6 feet; the width of said claim is 260.90 feet on each side of the middle of said lead, lode or vein. The general course of said lode and claim is South to North. The distance from the Point of Discovery to the North end center monument of said claim is 241.8 feet. The distance from said Point of Discovery to the South end center monument is 864.8 feet.

This Location Notice is posted in the monument of stones erected at said Point of Discovery upon said claim, which monument is hereinafter referred to as the Location Monument.

Said claim is bounded and described as follows, to-wit: Beginning at the monument of stones placed at the center of the South end of the claim, which monument is 864.8 feet S. 6° 02' W. from said Location Monument; thence N. 84° 21' W 5.0 feet to a Post, being the Southwest corner of the claim, thence N. 6° 02' E 1106.6 feet to a Post, being the Northwest corner of the claim; thence S. 84° 21' E. 5.0 feet, to a monument of stones, being the center of the North end of the claim; thence again S. 84° 21' E 260.90 feet to a Post, being the Northeast corner of the claim; thence S. 6° 02' W 1106.6 feet to a Post, being the Southeast corner of the claim; thence N. 84° 21' W 260.9 feet to the place of beginning.

To more fully identify the claim its general location is described as follows

From the Northwest Cor. of this claim U. S. L. M. No. 1654 bears: N 9° 04' W 3173.2 Ft.

Amended and posted on the ground this 7th, day of September 1917

Phelps Dodge Corporation  
By M. J. M. Gray manager



County of \_\_\_\_\_

I, \_\_\_\_\_, County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at \_\_\_\_\_ o'clock, \_\_\_\_\_ M., on this \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, and duly recorded in Book No. \_\_\_\_\_ of \_\_\_\_\_ Records of \_\_\_\_\_ County, Arizona, at pages \_\_\_\_\_

WITNESS my hand and official seal the day and year first above written.

County Recorder

No. 9367

Amended Location

Notice

TRIANGLE - TRAPEZOID

Dated Sept 7th 19\_\_

Filed and recorded at request of

Chelapa Lodge Camp

Sept 10th A. D. 19\_\_

at \_\_\_\_\_ A. M.

Book # \_\_\_\_\_

Pages # 27's

By \_\_\_\_\_  
County Recorder.

Deputy Recorder.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

March 8, 1918.

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 Triangle-Trapezoid lode

situate in Copper Mountain

Mining District, Greenlee County, Arizona.

in Sections 16&21, un§ Township No. 4 S., Range No. 29 E., and

designated as Survey No. 3442, 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 said mining claim by claimant or its grantors, and that said improvements consist of 110 ft. of tunnel. value \$2200.00

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.

Frank P. Trott,

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,

March 8, 1918

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

Triangle-Trapezoid lode.

situate in Copper Mountain mining district,  
Greenlee County, Arizona.

in Section S. 16&21, uns., Township No. 4 S., Range No. 29 E.

, designated as Survey No. 3442

executed by E. T. Morton, United States Mineral

Surveyor, September 26-28, 1917, under my instructions dated

September 20, 1917, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.



U. S. Surveyor-General for Arizona.