

*Platted*

(4-683.)

APR 27 1914

Mineral Survey No. 3111

Lot No.

Arizona Land District.

# FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Detroit Copper Mining Company of Arizona

KNOWN AS THE

Charleton

Copper Mountain Mining District,

Greenlee County, Arizona

Section 4 Uns., Township 4 S., Range 29 E., G. & S.R.P.M.

Surveyed under instructions dated March 7, 1914,

by E. T. Morton,

U. S. Deputy Mineral Surveyor

Claim located see location notice, 1

Survey commenced March 26, 1914,

Survey completed March 28, 1914,

Address of Attorneys:

Ellinwood & Ross,

Bisbee, Arizona.

## SURVEY NO. 3111

## Charlton

Feet

Beginning at Cor.No.1.

On line 4-1 Sur.No.1539 Lady Washington lode at S 77°55'E  
208.80 ft. from Cor.No.1.

On line 3-4 Sur.No.1620 Boss lode at N 1°14'W 174 ft.  
from Cor.No.4.

A redwood post in place 4x6 ins. 3 ft. high with mound  
of stone scribed, C1-3111 whence,

U.S.M.M.No.3 bears S 82°02'W 1076.5 ft.

Thence S 77°55'E

118.4

North end center of the location and lode.

235.4

To Cor.No.2.

Identical with Cor.No.4 Sur.No.1539 Lady Washington  
lode .

On line 1-2 Sur.No.1229 Chihuahua No.2 lode at N 17°58'E  
94.8 ft. from Cor.No.1.

A pine post in place 4 ins. square 3 ft. high with mound  
of stone scribed, C2-3111

No bearings available.

Thence S 15°44'W

94.85

Intersect line 4-1 and 2-3 Sur.No.1229 Chihuahua No.2  
and Copper Spring lodes at S 72°26'E 3.7 ft. from Cors.  
Nos. 1 and 2 respectively.

501.51

Intersect line 1-2 Sur.No.2962 Badger lode at S 78°05'W  
123.8 ft. from Cor.No.2.

557.81

To Cor.No.3.

On line 1-2 Sur.No.1229 Copper Spring lode at S 15°16'W  
463 ft. from Cor.No.2 and 56.1 ft. from its intersection  
with line 1-2 Sur.No.2962 Badger lode.

A redwood post 4x6 ins. 4.5 ft. long set 18 ins. in the  
ground with mound of stone scribed, C3-3111

No bearings available.

Thence N 77°55'W

117.0 South end center of the location and lode.

122.6 To Cor.No.4.

On line 1-2 Sur.No.2962 Badger lode at S 78°05'W

261.93 ft. from Cor.No.2, and 137.61 ft. from its intersection with line 1-2 Copper Spring lode, Sur.No.1229.

On line 1-3 Sur.No.570, Ida lode at S 6°37'W 389.1 ft.

from Cor.No.3.

A redwood post 4x6 ins.4.5 ft.long set 18 ins.in the ground with mound of stone scribed,C4-3111

No bearings available.

Thence N 4°11'E

389.49 Intersect line 4-1 and 3-4 Sur.No.1620 Boss lode and Sur.No.570,Ida lode at N 83°15'W 16.44 ft.from Cors.Nos. 4 and 3 respectively.

562 To Cor.No.1,the place of begining.

Variation at all corners 13°40'E.

LODE LINE

The presumed course of the vein is from the discovery point as follows; Charlton lode, 100 ft.N 15°44'E and 457.81 ft.S 15°44'W.

AREA

Total area Charlton lode-----Acres  
2.287

Area in conflict with-

Sur.No.1229 Chihuahua No.2 lode--0.004

Sur.No.1229 Copper Spring lode---0.020

Sur.No.2962 Badger lode-----0.079

Sur.No.2962 Badger lode exclusive of  
(ooo+)  
its conflict, with Sur.No.1229

Copper Spring lode-----0.079

Sur.No.570  
~~Let No.68~~ Ida lode-----0.073

Sur.No.1620 Boss lode-----0.033

## LOCATION

This survey is located in the Copper Mountain Mining District, Greenlee County, State of Arizona in approximately Sec. 4, <sup>Uns.</sup> T 4 S. R. 29 E, ~~Uns.~~ G. & S. R. B, M.

## EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon 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 100 ft. from line 1-2.

No. 2. A tunnel the mouth of which bears from Cor. No. 2 S  $41^{\circ}53'W$  215 ft. 5x6 ft., running N  $29^{\circ}30'W$  123 ft.

Value-----\$1230.00

## INSTRUMENT

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

## ADJOINING LODES.

This survey is bounded on the North by Sur. No. 1539 Lady Washington lode, claimant herein; on the East by Sur. No. 1229 Chihuahua No. 2 and Copper Spring lodes; on the South by Sur. No. 2962 Badger lode; on the West by ~~Sur~~ No. 570, Ida lode, Arizona Copper Company claimant and Sur. No. 1620 Boss lode claimant herein.

## REPORT

U.S.M.M.No.3 is a pine post 6 ins.square properly set and scribed.

Sur.No.1539 Lady Washington lode:

All corners are pine posts properly set and scribed.

Sur.No.1229 Copper Spring and Chihuahua No.2 lodes:

All corners are pine posts properly set and scribed.

Sur.No.2962 Badger lode:

Cors.Nos.1 and 2 are pine posts properly set and scribed.

~~Sur. No. 570~~

~~Lot No. 60~~ Ida lode:

Cors.Nos.3 and 4 are pine posts properly set and scribed with the proper numbers for Cors.of Sur.No.1620 Boss lode, which are identical with these corners of the Ida lode. The proper position of Cor.No.1, which has been obliterated, was determined <sup>in accordance with</sup> ~~by using~~ the original returns of the Ida lode.

Sur.No.1620 Boss lode:

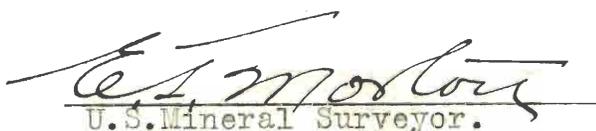
Cors.Nos.1,3 and 4 are pine posts properly set and scribed.

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

The differences between these field notes and the and the amended location certificate are due to errors in the latter.

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

All 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 ~~Deputy~~ 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  
The Detroit Copper Mining Company of Arizona  
 known as the Charleton  
 and showing the respective capacities in which they acted.

L. M. Greenstein, Chainman.  
J. L. Awalt, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, L. M. Greenstein  
 and J. L. Awalt, do solemnly swear that we assisted  
E. T. Morton, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of The Detroit Copper Mining Company of Arizona  
 known as the Charleton  
 represented in the foregoing field notes as having been surveyed by said ~~deputy~~ 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

L. M. Greenstein Chainman.  
J. L. Awalt, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 22nd  
 day of April, 1914

Wade Hampton  
Natony Public

FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, E. T. Morton, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 7, 1914, 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 The Detroit Copper Mining Company of Arizona, known as the Charleton, situate in Copper Mountain Mining District, Greenlee County, Arizona, in Section 4 Uns., Township No. 4 S., Range No. 29 E., G. & S. R. P. M. and designated as Survey No. 3111, 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. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said E. T. Morton

U. S. ~~Deputy~~ Mineral Surveyor, before me H. S. Bradford  
a Notary Public this 22nd  
day of April 1914

H. S. Bradford  
Notary Public

*My commission expires Feb 19-1916*

MAR 7-1911

## AMENDED LOCATION NOTICE.

Notice is hereby given that the undersigned, The Detroit Copper Mining Company of Arizona, a corporation, the assignee of A. Lafave, who on the 17th day of January, 1901, located the Charleton Mining Claim, situated in the Copper Mountain Mining District, Graham County, Arizona, the location notice of which claim is of record in the office of the Recorder fo said County, in Book 13, Records of Mines, page 207, has on this 25th day of August, 1910, 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 Graham, Arizona, to-wit:

The name of said claim is the CHARLETON Mining Claim:

The name of the locator is the Detroit Copper Mining Company of Arizona.

The length of the claim along said vein or lode is 695 feet; the width of said claim is 117.25 feet on each side of the middle of said lead, lode or vein. The general course of said lode and claim is N. 15° 41' E., to S. 15° 41' W.

The distance from the point of discovery to the North end center monument of said claim, is 100 feet; the distance from said point of discovery to the South end center monument is 595 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 monumnet of stones placed at the cent\_r of the North end of the claim, which monument is 100 feet N. 15° 41' E. from said location monument; thence S. 77° 50' E., 117.25 feet to a 4" x6" post, being the North-east corner of the claim; thence S. 15° 41' W., 695 feet to a 4"x 6" post being the South-east

corner of the claim; thence N. 77° 50' W., 59.5 feet to a monument of stones, being the center of the South end of the claim; thence again N. 77° 50' W., 59.5 feet to a 4x6 post, being the South-west corner of the claim; thence N. 6° 10' E., 697.5 feet to a 4"x6" post, being the North-east corner of the claim; thence S. 77° 50' W., 117.25 feet to the place of beginning.

To more fully identify this claim, its general location is described as follows: The North-east corner of this claim is identical with the South-east corner of the Lady Washington Lode, U. S. Mineral Survey No. 1539, patented by the United States to Louis H. Mitchell.

Amended and posted on the ground this 25th day of August, 1910.

The Detroit Copper Co. of Arizona,  
C. E. Mills, Superintendent,  
Per Louis R. Wallace.

Filed and recorded at the request of Detroit Copper Co., August 27th, 1910, at 9 A. M.

D. H. Claridge, County Recorder.

STATE OF ARIZONA)  
County of Greenlee) : ss.

I, W. E. Kelly, County Recorder in and for the County of Greenlee, State of Arizona, do hereby certify that the within and following is a true, full and complete copy of the within mentioned AMENDED LOCATION NOTICE of the CHARLETON MINING CLAIM as the same appears of record in my office, in Book 7, Transcribed Records of Mining Locations, at page 574.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of office, this 18th day of February, A.D., 1914.

No. 3237

*W. E. Kelly*  
County Recorder.

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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

July 16, 1914.

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

THE DETROIT COPPER MINING COMPANY OF ARIZONA

, known as the CHARLETON

, situate in COPPER MOUNTAIN

Mining District, GREENLEE County,

ARIZONA, in Section 4 Unsur., Township No. 4 S.,

Range No. 29 E., and designated as Survey

No. 3111, 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 1 tunnel, value \$1230.00

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 S. Ingalls,

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,

July 16, 1914.

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

THE DETROIT COPPER MINING COMPANY OF ARIZONA

, known as the

CHARLETON

situate in COPPER MOUNTAIN mining district,

GREENLEE

County,

ARIZONA.

in Section 4 Unsur., Township No. 4 S., Range No. 29 E.

designated as Survey No. 3111

executed by E. T. Morton, U. S. Deputy Mineral

Surveyor, March 26-28, 1914, under my instructions dated

March 7, 1914, 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.

Frank S. Lyall

U. S. Surveyor-General for Arizona.