

Platted

4-683

MINERAL SURVEY No. 3330

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

IROQUOIS and MOHAWK Lodes

Copper Mountain Mining District,

Greenlee County, Arizona

Section 9 Unsurveyed, Township 4 South, Range 29 E., G. & S. R. B. M.

Surveyed under instructions dated July 25, 1916.

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

Claim located See location Notices, 19

Survey commenced August 8, 1916.

Survey completed August 12, 1916.

Address of claimant attorneys: Ellinwood & Ross,
Box No. 1207, Globe, Arizona.

DATES OF AMENDED LOCATIONS.

Iroquois lode, July 6, 1916.

Mohawk lode, July 6, 1916.

Feet

Survey No. 3330.

Iroquois lode.

Beginning at Cor. No. 1.

A redwood post, in place, 4 x 6 ins. 3 ft. high with a mound of stones scribed I 1-3330 whence,

U. S . L. M. No. 1654 bears S.10°18'E. 1396.6 ft.

No other bearings available.

Thence N.70°46'W.

299 Southwest end center of the location and lode.

462.8 To Cor. No. 2.

Identical with Cors. Nos. 1 and 2 Mohawk lode of this survey and Sur. No. 2939 Nelson lode respectively.

On line 2-3 Lot No. 73, Sur. No. 576 First North Extension Clay lode at N.9°32'W. 666.8 ft. from Cor. No. 2.

A redwood post, in place, 4 x 6 ins. 3 ft. high with a mound of stones scribed M 1-I 2-3330 whence,

A cross (x) and B.R. 1-2-3330 chiseled on quartz porphyry bedrock 3 x 3 ft. facing west bears S.49°28'W. 23.7 ft.

Thence N.19°14'E.

652 To Cor. No. 3.

Identical with Cor. No. 4 Mohawk lode of this survey.

On line 2-3 Sur. No. 1792 A Copper King lode at S.70°46'E. 453.5 ft. from Cor. No. 3.

A redwood post, in place, 4 x 6 ins., 3 ft. high with a mound of stones scribed M 4-I 3-3330 whence,

A cross (x) and B. R. 4-3-3330 chiseled on quartz porphyry bluff 3 x 6 ft. facing west bears S.20°58'E. 3.6 ft.

Thence S.70°46'E.

163.8 Northeast end center of the location and lode.

462.8 To Cor. No. 4.

On line 2-3 Sur. No. 2939 Nelson lode at N.54°36'E.

Feet

799.55 ft. from Cor. No. 2.
 On line 2-3 Sur. No. 1792 A Copper King lode at S.70°46'E.
 916.3 ft. from Cor. No. 3.
 A redwood post, in place, 4 x 6 ins., 3 ft. high with a mound of stone scribed I 4-3330 whence,
 A cross (x) and B.R. 4-3330 chiseled on quartz porphyry bluff 10 ft. high facing north bears S.42°14'W. 3.6 ft.
 Thence S.19°14'W.

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

Mohawk lode.

Beginning at Cor. No. 1.
 Identical with Cors. Nos. 2 and 2 Iroquois lode of this survey and Sur. No. 2939 Nelson lode heretofore described.
 On line 2-3 Sur. No. 576, Lot No. 73 First North Ext.
~~tension~~ Clay lode, at N.9°32'W. 666.8 ft. from Cor. No. 2 whence,
 U. S. L. M. No. 1654 bears S.24°13'E. 1673.8 ft.

Thence N.70°46'W.

60 Southwest end center of the location and lode.

358 To Cor. No. 2.

A redwood post, in place, 4 x 6 ins., 3 ft. high with a mound of stones scribed M 2-3330.
 No bearings available.

Thence N.19°14'E.

652 To Cor. No. 3.

On line 2-3 Lot No. 73, Sur. No. 576 First North Extension Clay lode at S.9°32'E. 83.7 ft. from Cor. No. 3. and N.9° 32'W. 1410.59 ft. from Cor. No. 2.
 On line 2-3 Sur. No. 1792 A Copper King lode at S.70°46'E. 95.5 ft. from Cor. No. 3.
 A redwood post, in place, 4 x 6 ins., 3 ft. high, with a

Feet mound of stones scribed M 3-3330 whence,
 A cross (x) and B. R. 3-3330 chiseled on quartz porphyry
 bedrock 3 x 3 ft. flush with the surface bears N.31°11'W.
 11.3 ft.

Thence S.70°46'E.

298 Northeast end center of the location and lode.

358 To Cor. No. 4.

Identical with Cor. No. 3 Iroquois lode of this survey
 heretofore described.

On line 2-3 Sur. No. 1792 A Copper King lode at S.70°46'E.
 453.5 ft. from Cor. No. 3.

Thence S.19°14'W.

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

Variations at all corners 13°40'E.

Lode lines.

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

Iroquois lode, 482 ft. S.19°14'W. and 170 ft. N.19°14'E.
 Mohawk lode, 606 ft. S.19°14'W. and 46 ft. N.19°14'E.

Area.

Total area Iroquois lode	- - - - -	Acres.
		6.927 ✓

Area in conflict with:

Sur. No. 2939 Nelson lode - - - - - 3.464 ✓

Total area Mohawk lode	- - - - -	5.359 ✓
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Area in conflict with:

Lot No. 73, Sur. No. 576 First

North Extension-Clay lode - - - - - 2.679 ✓

Location.

This survey is located in the Copper Mountain Mining District, Greenlee County, Arizona, approximately in Sec. 9 Uns. T.4 S., R. 29 E., G. & S. R. B^d M.

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:-

Iroquois lode.

No. 1. The discovery showing mineral in place is at the lode line 482 ft. from line 1-2.

No. 2. A tunnel with an open cut approach, the mouth of which bears from Cor. No. 3. S.10°29'W. 167 ft. running S.63°00'E. 10 ft. open cut 4 x 10 ft., 50 ft. tunnel 4 x 6 ft.

Value - - - - - \$500.00

No. 3. A tunnel, the mouth of which bears from Cor.No. 4 N.38°27'W. 128.9 ft. 4 x 6 ft. running S.22°24'W. 90 ft. thence S.47°24'W. 49 ft. thence N.76°36'W. 50 ft. thence S.78°24'W. 100 ft. thence S. 68° 'W. 50 ft.

Value 1/2 interest of last 270ft. - - - \$1,350.00

Note: The first 69 ft. is on the Copper King lode, Sur. No. 1792 A, and the last 270 ft. of the above tunnel is on the Iroquois lode, and is accredited to both lodes embraced in this claim as hereinafter explained, value last 270 ft. \$2,700.00.

Mohawk lode.

No. 1. The discovery showing mineral in place is on the lode line 606 ft. from line 1-2.

No. 2. An open cut the mouth of which bears from Cor. No. 3 S.69°15'E. 230.4 ft. running S.21°00'W. 31 ft. 10 x 10 ft.

Value - - - - - \$100.00

Note: An undivided $\frac{1}{2}$ interest in the No. 3 tunnel on the Iroquois lode is accredited to this lode.

Value $\frac{1}{2}$ interest - - - - - \$1,350.00

The southwestern part of both lodes embraced in this mining claim has an elevation of over three hundred feet above the adit of the No. 3 tunnel on the Iroquois lode, therefore if this tunnel is produced it would develop both claims at depth, making it an ideal common improvement.

Adjoining lodes.

This survey is bounded on the North by Sur. No. 1792 A Copper King lode, Arizona Copper Co. claimant; on the East by Sur. No. 2939 Nelson lode, Arizona Copper Co. claimant; on the South and West by Lot No. 73, Sur. No. 576, First North Extension Clay lode, Arizona Copper Co. claimant.

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.

Sur. No. 1792 A Copper King lode;

All corners are posts properly set and scribed.

Lot No. 73, Sur. No. 576, First North Extension Clay lode:

All corners are posts properly set and scribed.

Sur. No. 2939 Nelson lode:

All corners are posts properly set and scribed except.

Cors.Nos. 3, which is a cross on bedrock with post
alongside, and 4, which has been obliterated.

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

The differences between these field notes and the
location certificates are due to errors in the latter.
All end centers are mounds of stones.


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 Iroquois and Mohawk lodes

and showing the respective capacities in which they acted.

W.R.Hutchins, Chainman.

D.P.W.Eylar, Chainman.

Arman.

Flagman.

FINAL OATHS OF ASSISTANTS.

We, W.R.Hutchins

and D.P.W.Eylar, 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 Iroquois and Mohawk lodes

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

W.R.Hutchins, Chainman.

D.P.W.Eylar, Chainman.

Arman.

Flagman.

Subscribed and sworn to by the above-named persons before me this 3d

day of October, 19 16

My commission expires
Sept. 30-1917-

A. P. Lynch
Notary 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 July 25, 1916, 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 Iroquois and Mohawk lodes, situate in Copper Mountain Mining District Mining District, Greenlee County, Arizona, in Section 9 Uns., Township No. 4 S., Range No. 29 E., G. & S. R. E. M. and designated as Survey No. 3330, 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 A. P. Lynch
a notary Public this 3d
 day of October 1916

My commission expires
Sept 30 - 1917
A. P. Lynch
Notary Public

JUL 24 1916

Amended Location Notice

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED

The Detroit Copper Mining Company of Arizona

a corporation, ~~the assignee of~~

who on the 20th day of June, 1905, located the Iroquois 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 of said County in Book 18, Record of Mines, page 99, has on this 6th day of July, 1916, 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 Iroquois 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 652 feet; the width of said claim is 299 feet on each side of the middle of said lead, lode or vein. The general course of said lode and claim is North to South. The distance from the Point of Discovery to the North end center monument of said claim is 170 feet. The distance from said Point of Discovery to the South end center monument is 482 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 North end of the claim, which monument is 170 feet N.19°14'E. from said Location Monument; thence S.70°46'E. 299 feet to a post, being the Northeast corner of the claim, thence S.19°14'W. 652 feet to a post, being the Southeast corner of the claim; thence N.70°46'W. 299 feet, to a monument of stones, being the center of the South end of the claim; thence again N.70°46'W. 164 feet to a post, being the Southwest corner of the claim; thence N.19°14'E. 652 feet to a post, being the Northwest corner of the claim; thence S.70°46'E. 164 feet to the place of beginning.

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

From the Southwest Cor. of this claim U.S.L.M.No.1654 bears S.24°13'E. 1673.8 ft.

Amended and posted on the ground this 6th day of July 1916

The Detroit Copper Mining Company of Arizona.

By M. J. Sullivan General Manager

Witness:

D. P. Eyles

STATE OF ARIZONA,

County of _____ } 88

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

6884
**Amended Location
Notice**

Illinois
by
Detroit Cop. M. Co.
Dated July 6 1916

Filed and recorded at request of
Detroit Cop. M. Co.
July 10 A. D. 1916
at 9 A. M.
Book 3 Loc. N. 100;
Pages 154

Rodney Ellis
County Recorder.
By L. H. Gallicott
Deputy Recorder.



Amended Location Notice

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED

The Detroit Copper Mining Company of Arizona

a corporation, ~~the assignee of~~

who on the 25th day of January 1898, ~~19~~, located the Mohawk

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 of said County in Book 9, Record of Mines, pages 451-452, has on this 6th, day of

July, 1916, 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

(formerly Graham) Mining District, in the County of Greenlee Arizona, to-wit:

The name of said claim is the Mohawk 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 652 feet; the width of said claim is 298 feet on each side of the middle of said lead, lode or vein. The general course of said lode and claim is North to South. The distance from the Point of Discovery to the North end center monument of said claim is 46 feet. The distance from said Point of Discovery to the South end center monument is 606 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 North end of the claim, which monument is 46 feet N.19°14'E. from said Location Monument; thence S.70°46'E. 60 feet to a post, being the Northeast corner of the claim, thence S.19°14'W. 652 feet to a post, being the Southeast corner of the claim; thence N.70°46'W. 60 feet, to a monument of stones, being the center of the South end of the claim; thence again N.70°46'W. 298 feet to a post, being the Southwest corner of the claim; thence N.19°14'E. 652 feet to a post, being the Northwest corner of the claim; thence S.70°46'E. 298 feet to the place of beginning.

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

From the Southeast Cor. of this claim U.S.L.M.No.1654 bears S.24°13'E. 1673.8 ft.

Amended and posted on the ground The Detroit Copper Mining Company of Arizona
 this 6th day of July 1916. By M. H. ...
General Manager

Witness: D. P. ...

County of _____ } 88

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

6886

Amended Location

Notice

"Mohawk"

by

Detroit Cop. M. Co

Dated July 6 1916

Filed and recorded at request of

Detroit Cop. M. Co

July 10 A. D. 1916

at 9 A.M.

Book 3 Las. Ntes.

Pages 156

Rodney Ellis

County Recorder.

By L. H. Callicott

Deputy Recorder.

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.

December 23, 1916.

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

IROQUOIS AND MOHAWK LODES.

situate in COPPER MOUNTAIN mining district,

GREENLEE County, ARIZONA.

in Section 9 unsur., Township No. 4 S., Range No. 29 E.

, designated as Survey No. 3330

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

Surveyor, August 8-12, 1916, under my instructions dated

July 25, 1916, 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 P. Trott,

U. S. Surveyor-General for Arizona.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

December 23, 1916.

I, U. S. Surveyor-General for 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 IROQUOIS AND MOHAWK LODES.

situate in COPPER MOUNTAIN

Mining District, GREENLEE County, ARIZONA.

in Section 9 unshr., Township No. 4 S., Range No. 29 E., and

designated as Survey No. 3330, 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 2 cuts and 2 tunnels, total value \$3300. A one-half interest, value \$1350, in that portion of tunnel No. 3 Iroquois lode which is within the boundaries of said Iroquois lode, is credited to each of the claims in this survey, as such improvement is a common improvement for the benefit and development of each of the claims in this survey.

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.



United States Surveyor-General for Arizona.