

(4-683.)

Mineral Survey No. 2977

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF
The Arizona Copper Company

KNOWN AS THE

Eureka

Copper Mountain Mining District,

Greenlee County, Arizona

Section 17 Uns., Township 4 S., Range 29 E., ~~unsurveyed.~~

Surveyed under instructions dated March 5th., 1912.

by Lamar Cobb,
U. S. Deputy Mineral Surveyor

Claim located see location notice, 1

Survey commenced March 7th., 1912

Survey completed March 7th., 1912.

o 6-100

Attorney for claimant

John R. Hampton,

Clifton, Arizona.

feet

Sur. No. 2977

Eureka

Beginning at Cor. No. 1.

On line 5-1 Sur. No. 1654 A. Am. Petaluma lode, S.19°46' W. 226.67 ft. from Cor. No. 1.

A pine post, in place, 4 x 4 ins., 3.5 ft. high, with mound of stone, scribed, E-1-2977, whence

U.S.L.M. No. 1654 bears N.71°11'E. 2189.6 ft.

Thence S. 19°46'W.

3. N. E. end center of the location and lode.

9.47 To Cor. No. 2.

Identical with Cor. 1 Sur. No. 1654 A. Petaluma No. 2 lode.

On line 5-1 Sur. No. 1654 A. Am. Petaluma lode.

Thence S.77°08'W.

709.4 Cors. Nos. 5-1 Sur. No. 1654 A. Petaluma No. 2 and Petaluma No. 3 lodes, respectively.

1411.9 To Cor. No. 3.

Identical with Cor. No. 4 Sur. No. 1654 A. Petaluma No. 3 lode.

A pine post, in place, 4 x 4 ins., 3.5 ft. high, with mound of stone, scribed E-3-2977.

No bearings available.

Thence N. 19°46'E.

.28 S. W. end center of the location and lode.

3.28 To Cor. No. 4.

A pine post, in place, 4 x 4 ins., 3.5 ft. high, with mound of stone, scribed E-4-2977.

No bearings available.

Thence N. 76°55'E.

11415.2 To Cor. No. 1, the place of beginning.

Variation at all corners 13° east.

LODE LINE

As near as can be determined from present developments the vein of this lode extends as follows from the discovery point:

1415.2 ft., S.76°55'W.

Area	Acres.
Total area Eureka lode	0.174

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

LOCATION

This claim is located in Sec. 17, Uns. T. 4 S. R. 29 E. of the G. & S. R. B.M., ~~unsurveyed~~, Copper Mountain Mining District, Greenlee County, Arizona.

ADJOINING LODES

The adjoining lodes are;
On the north, Armada, Owl, and Toughnut lodes, Detroit Copper Mining Co. claimant (unsurveyed), on the east, Sur. No. 1654 A.A. Petaluma, on the south, Sur. No. 1654 A., Petaluma No. 2 and Petaluma No. 3 lodes, claimant herein.

EXPENDITURE OF FIVE HUNDRED DOLLARS

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

No. 1 The discovery, showing mineral in place in the outcrop, which is on the lode line at the N. E. end center.

No. 2 An undivided 1/8 interest in ~~(the last 930 ft. of)~~ a tunnel, described as follows:

Beginning at a shaft, known as the Liverpool, which bears from Cor. No. 1 S.71°53'E. 1938 ft.; thence N.84°50'E. 18.6 ft.; thence N.0°41'E. 42.9 ft.; thence N.65°13'W. 800 ft.; thence N.78°39'W. 1138 ft.; thence S.76°55'W. 130 ft.

Value \$42,590.00

Value 1/8 interest \$5,323.75

id

An undivided 1/8 interest in this working is accredited to Sur.

Petaluma

No. 1654 A.Am., Sur. No. 1654 A. Petaluma No. 2, Petaluma No.3,

Argyle, Sur. No.2978 Redondo, Lot No. 42, Clay, and Lot No. 41, Liverpool lodes.

It will be seen from the submitted "Contour Map" that the ground rises rapidly from the Liverpool Shaft at an elevation of 5000 ft. to the Eureka lode, at an elevation of 5500 feet and over. As this tunnel is 250 ft. below the surface at the Liverpool shaft it will develop this group of lodes above enumerated if continued in its present general direction and cross cuts run therefrom, to from 450 to 800 ft. in depth.

INSTRUMENT.

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

REPORT

U.S.M.M. No. 1654 is a pine post properly set and scribed.

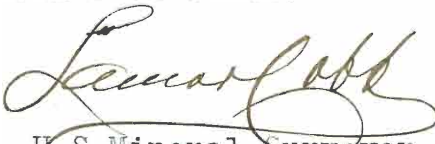
Sur. No. 1654 A. Petaluma, Petaluma No. 2, and Petaluma No. 3 lodes.

All corners are pine posts properly set and scribed.

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

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

All the end center monuments 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 Lamar Cobb

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 Arizona Copper Company

known as the Eureka

and showing the respective capacities in which they acted.

- J. L. Awalt, Chainman.
- _____, Chainman.
- _____, Axman.
- _____, Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~, I, J. L. Awalt

and _____, do solemnly swear that ~~we~~ ^I assisted Lamar Cobb

_____, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of The Arizona Copper Company

known as the Eureka

represented in the foregoing field notes as having been surveyed by said ~~deputy~~ mineral surveyor and under his ^{my} direction; and that said survey has been in all respects, to the best of ~~our~~ ^{my} 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.

- J L Awalt, Chainman.
- _____, Chainman.
- _____, Axman.
- _____, Flagman.

Subscribed and sworn to by the above-named persons before me this 9th.

day of March, 1912, 190-

Wade Hampton
Notary Public.

My commission expires February 23, 1916.

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Lamar Cobb, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 5, 1912, 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 Arizona Copper Company, known as the Eureka, situate in Copper Mountain Mining District, Greenlee County, Arizona, in Section 17 Uns., Township No. 4 S., Range No. 29 E. unsurveyed, and designated as Survey No. 2977, 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.

Lamar Cobb
 U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Lamar Cobb
 U. S. Deputy Mineral Surveyor, before me Wade Hampton
 this 9th.
 day of March, 1912..

Wade Hampton
 Notary Public
 February 23, 1916.

My commission expires.

Notice of Mining Location.

LODE CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Copper Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by The Arizona Copper Company

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.") the undersigned, on the 28th day of March 1902.

The length of this claim is fourteen hundred twenty feet, and we claim thirteen hundred thirty five feet in a south 76° 45' west direction, and twenty five feet in a north 76° 45' east direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with ten feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north east to the south west

The claim is situated and located in the Copper Mountain Mining District, in Graham County, in the Territory of Arizona, about one mile in a north westerly direction from the town of Miami. This claim lies to the north of Petaluma No. 2, and Petaluma No. 3. Mining Claims

The surface boundaries of the claim are marked upon the ground as follows. Beginning at a monument of stones

at a point in a north 76° 45' east direction twenty five feet from the discovery shaft (at which this notice is posted), being in the center of the easterly end line of said claim; thence N. 19° 40' E. ten feet to a stake, being the north east corner of said claim; thence S. 76° 45' W. 1420 feet to a stake being at the north west corner of said claim; thence S. 19° 40' W. ten feet to a mon. of stones being the center of the westerly end of said claim; thence S. 19° 40' W. ten feet to a stake being at the south west corner of said claim; thence N. 76° 45' E. 1420 feet to a stake at the south east corner of said claim; thence N. 19° 40' E. ten feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Codify and Revise the Laws of the Territory of Arizona," approved March 16th, 1901.

Dated and posted on the ground this 28th day of March 1902

The Arizona Copper Co
Locator
by James Colquhoun
Agent

Witness
Dr. J. Dickinson
W. J. Arthur

3389

MAR 4 - 1912

APR 7 1912

Notice of Location.

LODE CLAIM.

Emata

Mining Claim

Dated *Nov. 28. 1902.*

Filed and recorded at request of

A. J. Johnson

June 27th A. D. 1902

at *Phoenix* M.

Book *15* Book of *Records*

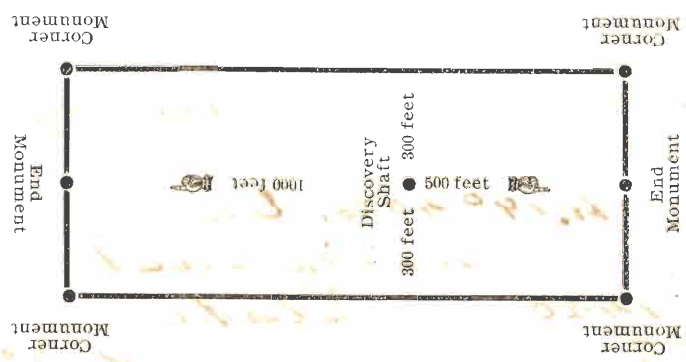
Pages *118*

Thomas Smith
County Recorder.

By *Thomas Smith*
Deputy Recorder.

ERA PRINT, CLIFTON

The above diagram is to give the locator a general idea of the plan of location under the new law. Your discovery shaft may be in the center of claim, or any distance from either end you desire. In the diagram we have placed it 500 feet from one end and 1000 feet from the other. In description be careful to state locality of claim with reference to some natural object, or permanent monument, so as to identify the claim.



TERRITORY OF ARIZONA, }
 County of _____ } ss.
 County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at _____ o'clock _____ M., on this _____ day of _____ 190____, and duly recorded in Book No _____ of _____ Records of _____ County, Arizona, at pages _____ Witness my hand and seal the day and year first above written.

County Recorder: _____

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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

August 3, 1912.

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 Arizona Copper Company
, known as the EUREKA

, situate in Copper Mountain

Mining District, Greenlee County,

Arizona, in Section 17 Uns., Township No. 4 S.,

Range No. 29 E., and designated as Survey

No. 2977, 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 ^{or for} said mining claim by claimant or its grantors, and
that said improvements consist of an undivided 1/8 interest, value \$5323.75,
in the tunnel from the shaft on the Liverpool lode, Lot No. 41. Said
tunnel, value \$42590.00, being a common improvement for the benefit
and development of this claim, the Redondo lode, Sur. No. 2978, the
Petaluma lode, Sur. No. 1654 A Am., the Petaluma No. 2, Petaluma No.
3 and Argyle lodes, Sur. No. 1654 A., the Clay lode, Lot No. 42, and
the Liverpool lode, Lot No. 41, an undivided 1/8 interest therein
is properly credited to each of said lodes.

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,

August 3, 1912.

I, U. S. Surveyor-General for Arizona

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

The Arizona Copper Company

, known as the

EUREKA

situate in Copper Mountain mining district,

Greenlee County, Arizona

in Section 17 Uns., Township No. 4 S., Range No. 29 E.

, designated as Survey No. 2977

executed by Lamar Cobb, U. S. Deputy Mineral

Surveyor, March 7, 1912, 190, under my instructions dated

March 5, 1912, 190, 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. Ingalls

U. S. Surveyor-General for Arizona.

JUL 23 1913

Supplemental Report
Sur. No. 2977
Eureka lode.

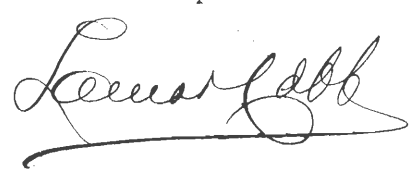
EXPENDITURE OF FIVE HUNDRED DOLLARS

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

No. 2 (original notes) Beginning at a shaft known as the Liverpool, which bears from Cor. No. 1 S 71°53 E. 1938 ft.; thence N.84°50' E.18.6 ft.; thence N.0°41' E. 42.9 ft.; thence N.65°13W.800ft.;thence N 78°39' W. 1138 ft.;thence S. 76°55' W. 130 ft., 5 x 6 ft. tunnel. The last 105 ft. of this tunnel is on the Eureka lode and is hereto accredited.

Value last 105 ft. \$1050.00

Said labor and improvements were made prior to the expiration of period of publication.



U. S. Mineral Surveyor.

Subscribed and sworn to by the above named person before me this 22 d. day of July 1913.



Notary Public

Maricopa County, Arizona.

My commission expires,
Aug 1 - 1914

CERTIFICATE OF U. S. SURVEYOR GENERAL

as to

Expenditure Reported after Return of Survey of Mining
Claim.

I, U. S. Surveyor General for District of Arizona,
do hereby certify that Five Hundred Dollars' worth of
labor has been expended or improvements made by claim-
ant or its grantors upon the mining claim of

The Arizona Copper Company

known as the

EUREKA

situated in the Copper Mountain Mining District,
Greenlee County, Arizona, in Sec. 17, Uns., T. 4 S., R.
29 E., and that said improvements consist of 105 ft. of
tunnel, value \$1050.00, this 105 ft. of tunnel being a
part of the improvement reported in the original field
notes of said Mineral Survey No. 2977 as a common im-
provement for the benefit and development of the Eureka
lode, Sur. No. 2977, The Redondo lode, Sur. No. 2978,
the Petaluma lode, Sur. No. 1654 A. Am., the Petaluma
No. 2, Petaluma No. 3, ---and the Argyle lodes, Sur.
No. 1654 A., the Clay lode, Lot No. 42 and the Liverpool
lode, Lot No. 41.

A copy of the report of Lamar Cobb, U. S. Mineral
Surveyor, dated July 22, 1913, is hereto attached.

Frank A. Ingalls
U. S. Surveyor-General for
Arizona.

Office of U. S. Surveyor General,

Phoenix, Arizona,

July 24, 1913.