

*Platted*

SEP. 10 1915

(4-683.)

Mineral Survey No. 3148

Lot No. \_\_\_\_\_

Arizona Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Arizona Copper Company

KNOWN AS THE

Keystone No. 5, Keystone # 6

Greenlee Gold Mountain Mining District,

Greenlee County, Arizona

Section 33, Township 3 S., Range 29 E. Uns. G. & S. R. P. M.

Surveyed under instructions dated September 14, 1914,

by E. T. Morton,

U. S. ~~Deputy~~ Mineral Surveyor.

Claim located see location notices, 1

Survey commenced September 1, 1915

Survey completed September 4, 1915

Address<sup>9-160</sup> of attorneys:

Hampton & Arnold,

Phoenix, Arizona.

	<p>SURVEY NO. 3148.</p> <p>Keystone No. 5.</p> <p>Beginning at Cor. No. 1.</p> <p>Identical with Cors. Nos. 2-3-4 Sur. No. 2484 Keystone No. 3, Keystone No. 2 and Keystone No. 4 lodes respectively.</p> <p>A redwood post, in place, 4 x 6 ins. 3 feet, high, with a mound of stone scribed K 5-1-3148, whence U.S.L.M. No. 2 bears N. 23° 11' E. 3611.9 ft.</p> <p>Thence S. 17° 06' W.</p>
1000	Intersect gulch course South-west.
1498.1	To Cor. No. 2.
	<p>Identical with Cor. No. 1 Long Tom lode Sur. No. 1486 and Cor. No. 1 Keystone No. 8 lode Sur. No. 2160.</p> <p>On line 3-4 Keystone No. 4 lode Sur. No. 2448, at N. 17° 06' E. 2.1 ft., from Cor. No. 3.</p> <p>A redwood post, in place, 4 x 6 ins. 3 ft. high with a mound of stone, scribed K 5-2-3148.</p> <p>No. bearings available.</p> <p>Thence N. 72° 05' W.</p>
100	Intersect gulch course south-west.
300	South-west and center of the location and lode.
600	To Cor. No. 3.
	<p>A pine post, in place, 4 x 6 ins., 3 ft. high with a mound of stone, scribed K 5-3-3148, whence</p> <p>A cross (X) and B. R. 3-3148 chiseled on granite bedrock exposed 2 x 2 ft. facing the South-east bears N. 55° E. 6 ft.</p> <p>Thence N. 17° 06' E.</p>
32.1	Cor. No. 2 Keystone # 6 lode of this survey.
1498.1	To Cor. No. 4.
	<p>On line, 1-2 Keystone # 6 lode of this survey at S. 17° 06' W. 26.0 ft. from Cor. No. 1.</p> <p>Identical with Cor. No. 3 Sur. No. 2484,</p>

Keystone No. 3 lode.

A cross (X) at the corner point and K 5-4-3148 chiseled 6 ft. above ground on West face of granite porphyry bluff 20 ft. high with a redwood post 4 x 6 ins. 3 ft. high alongside.

Thence S. 72° 05' E.

300 Northeast end center of the location and lode.

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

Keystone # 6.

Beginning at Cor. No. 1.

On line 2-3 Sur. No. 2484 Camino No. 3 lode at N. 72° 25' W. 158.2 ft. from Cor. No. 2.

A cross (X) at corner point and K 6-1-3148 chiseled 12 ft. above ground on granite porphyry bluff 30 ft. high facing West with a 4 x 6 ins. pine post alongside.

U. S. L. M. No. 2 bears N. 32° 33' E. 3688.6 ft.

Thence S. 17° 06' W.

26.0 Cor. No. 4 Keystone No. 5 lode of this survey and Cor.  
1492. No. 3 Keystone No. 3 lode Sur. No. 2484.  
To Cor. No. 2.

On line 3-4 Keystone No. 5 lode of this survey.

A pine post, in place, 4 x 6 ins. 3 ft. high with mound of stone scribed K 6-2-3148, whence

A cross (X) and B. R. 2-3148 chiseled on granite 3 x 3 ft. 4 ft. high bears North 2.5 ft.

Thence N. 72° 25' W.

127.3 Southwest end center of the location and lode, identical with  
Cor. No. 3, Survey No. 1229, La Candelaria lode.

263.4 Witness Cor. for Cor. No. 3.

A pine post, 4 x 6 ins. 4.5 ft. long, set 18 ins. in the ground with mound of stone scribed W. C., K 6-3-3148 whence

A cross (X) and B. R. 3-3148 chiseled on quartz porphyry face 1.5 x 3 ft. facing S. E. bears N. 62° 20' E. 31.6 ft.

275.5 true point for  
To Cor. No. 3. Identical with Cor. No. 4 Sur. No. 1229 El Cajon

lode. Impractical for corner as it is in the edge of  
a corral, witness corner heretofore described brs. S 72° 25' E. 12.1 ft.

Thence N. 10° 32' E.

1503.2 To Cor. No. 4.

Identical with Cor. No. 3 Sur. No. 1229 El Cajon  
lode, Cor. No. 2 Sur. No. 3149 Camino lode and Cor. No.  
3 Sur. No. 2484 Camino No. 3 lode.

A pine post in place, 4 x 6 ins. 3 ft. high,  
with mound of stone, scribed K 6-4-3148, whence

A cross (X) and B.R. 4-3148 chiseled on  
granite bluff facing west bears S. 24° 06' E. 17.5 ft.

Thence S. 72° 25' E.

300 Northeast end center of the location and lode.

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

Variations at all corners 13° 40' E.

#### LODE LINES.

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

Keystone No. 5 lode, 100 ft. S. 17° 06' W. and  
1398.1 ft. N. 17° 06' E.

Keystone # 6 lode, 100 ft. S. 16° 20' W. and 1392.3  
ft. N. 16° 20' E.

#### AREAS.

	Acres.
Total area Keystone No. 5 lode . . . . .	20.633
Conflict with Sur. No. 2484 Keystone No. 5 lode,	20.633 Acres
Total area Keystone # 6 lode . . . . .	12.378
Conflict with Sur. No. 2484, Keystone # 6 lode,	12.378 Acres

#### LOCATION.

This survey is located in the Greenlee Gold Mountain  
Mining District, Greenlee County, State of Arizona, in  
Section 33, T. 3 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 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:

Keystone No. 5 lode.

No. 1 The discovery shaft is on the lode line 100 ft. from line 2-3, 4 x 6 ft., 8 ft. deep.

Value . . . \$ 80.00

No. 2. A tunnel with an open cut approach to, the mouth of which bears from the South-west end center N. 11° 28' W. 184 ft. running N. 40° E. 14 ft., 5 x 10 ft. open cut and 6 ft., 4 x 6 ft. tunnel.

Value . . . \$120.00

No. 3. A tunnel with an open cut approach to, the mouth of which bears from the southwest end center N. 35° 40' W. 110 ft., running N. 12° E. 15 ft., 5 x 12 ft. open cut and 7 ft., 5 x 6 ft. tunnel.

Value . . . \$150.00

Note: The last 45 ft. of the No. 1 tunnel on the Keystone #6 lode is on this lode and is accredited hereto.

Value 45 ft. \$450.00

Keystone # 6 lode.

No. 1. A tunnel, the mouth of which is on the lode line 100 ft. from line 2-3, 5 x 6 ft. running N. 84° 32' E. 184. ft. Value \$1840.00

Value first 139 ft. \$1390.00

Note: The last 45 ft. of the No. 1 tunnel on this lode is on the Keystone No. 5 lode and is accredited thereto.

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.

ADJOINING LODES.

The lodes on the North are the Camino No. 3 and

Keystone No. 3 lodes Sur. No. 2484, claimant herein, on the East Keystone No. 4 lode Survey No. 2484, claimant herein; on the South Keystone No. 8 lode Sur. No. 2160, and La Candelaria North Extention lode unsurveyed, Shannon Copper Company claimant, <sup>and Sur. No. 1229 La Candelaria lode.</sup> on the West El Cajon lode Sur. No. 1229 claimant herein.

R E P O R T.

U. S. M. M. NO. 2 is a pine post 6 ins. square properly set and scribed,

Sur. No. 2484 Camino No. 3, Keystone No. 2, Keystone No. 3 and Keystone No. 4 lodes.

All corners are posts properly set and scribed,

Sur. No. 2160 Keystone No. 8 lode.

Cors. Nos. 1 and 2 are posts properly set and scribed, Sur. No. 1229 El Cajon lode:

Cors. Nos. 1, 2 and 3 are posts properly set and scribed. Cor. No. 4 has been obliterated.

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

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

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

The South-west end center of the Keystone # 6 lode is a post,, all other end centers are mounds of stone.

The survey of the Keystone No. 5 and Keystone # 6 lodes are identical with Sur. No. 2484 Keystone No. 5 and Keystone # 6 lodes respectively.

*E. J. Morton*  
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  
Arizona Copper Company  
 known as the Keystone No. 5, and Keystone #. 6  
 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 <sup>I</sup>~~we~~ assisted  
E.T. Morton....., United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of Arizona Copper Company  
 known as the Keystone No. 5, and Keystone #. 6  
 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 <sup>my</sup>~~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

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

Subscribed and sworn to by the above-named persons before me this 13<sup>th</sup>  
 day of September....., 1915

A. R. Lynch

Notary Public

*My commission expires  
 Sept. 30 - 1917*

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 September 14, 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 Arizona Copper Company, known as the Keystone No 5, and Keystone # 6, situate in Greenlee Gold Mountain Mining District, Greenlee County, Arizona, in Section 33, Township No. 3 S, Range No. 29 E., Uns., G. & S. R. P. M. and designated as Survey No. 3148, 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. R. Lynch a notary public  
in and for Greenlee County Arizona this Thirteenth  
 day of September, A. D., 1914,

My commission expires  
Sept. 30 - 1917.

A. R. Lynch  
 Notary Public



# AMENDED NOTICE OF LOCATION—Lode Claim

3148  
9

To all Whom it may Concern:

This mining claim, the name of which is the Keystone No. 5.  
Mining Claim, situate on lands belonging to the United States of America, and in which there are  
valuable mineral deposits, was entered upon and amended for the purpose of exploration and purchase by  
The Arizona Copper Company.

the undersigned on the 1 st day of September 1914 ~~1908~~  
The length of the claim is 1498.1 feet, and we claim 300  
feet in a ~~S 71°58' W~~ direction, and 1498.1 feet in a N 17°13' W  
direction from the center of the discovery Shaft at which this notice is posted, lengthwise of the claim  
together with 300 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 Northeast  
to the Southwest

The claim is situated and located in the Greenlee Gold Mountain  
Mining District, in Greenlee County, State Territory of Arizona, about  
~~in a~~ direction from  
From the Northeast corner of this claim U.S.M.M. No. 2 bears  
N 23°17' E 3611.7 ft.

The surface boundaries of the claim are marked upon the ground as follows: beginning at a  
Monument of stones.

at a point in a ~~S 71°58' W~~ direction ~~300~~ feet from  
the discovery Shaft (at which this notice is posted), being in the center of the Southwest  
end line of said claim; thence N 71°58' W 300 feet to a  
Pine Post, being the Southwest  
corner of said claim; thence N 17°13' E 1498.1 feet to a  
Pine Post, being at the Northwest  
corner of said claim; thence S 71°58' E 300 feet to a  
Pine Post being the center of the Northeast  
end of said claim; thence S 71°58' E 300 feet to a  
Pine Post being at the Northeast  
corner of said claim; thence S 17°13' W 1498.1 feet to a  
Pine Post at the Southeast  
corner of said claim; thence N 71°58' W 300 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 the Territory of Arizona, entitled "An Act to Codify and Revise the Laws of the  
Territory of Arizona," approved March 16th, 1901.

This is an Amended Location Notice of the Keystone No. 5.  
mining Claim, located by The Arizona Copper Company.

on the 15 th.  
day of November 1897 ~~1908~~, and recorded in Book 9 of Records of Mines at  
page 580, in the office of the County Recorder of the aforesaid County of Graham  
to which reference is hereby made,

Dated and posted on the ground this 1 st day of September 1914 ~~1908~~

The Arizona Copper Company.  
By Amman Comstock Agent

TERRITORY OF ARIZONA,

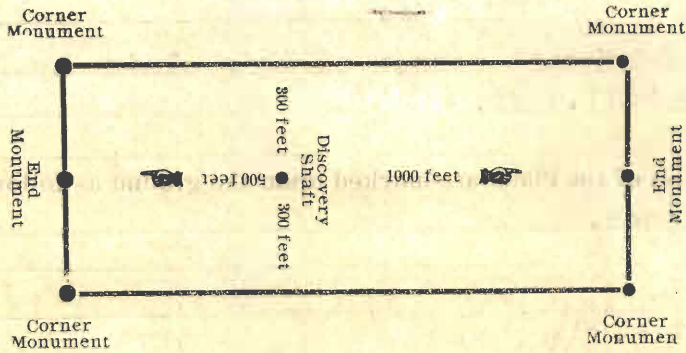
County of Graham

} ss.

I, \_\_\_\_\_ 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 Graham County Arizona, at pages \_\_\_\_\_

Witness my hand and seal the day and year first above written,

County Recorder



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.

SEP 14 1914

4020

Amended

Notice of Location

LODE CLAIM

Topstone No 5

by Arizona Copper Co

Dated \_\_\_\_\_ 190\_\_\_\_\_

Filed and recorded at request of

*Arizona Copper Co*

Sept 4th D. 1904

at 10 o'clock A.M.

Book 3 Rec. of Location Notices

Pages 6

*R. Rodney Ellis*

County Recorder.

By

*S. H. Ballentine*

Deputy Recorder.

STATE OF ARIZONA, }  
COUNTY OF GREENLEE } ss.

**D. Rodney Ellis**

SEP 14 1914

10

I, ~~XXXXXXXX~~, 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 **"LOCATION NOTICE OF**

**THE KEYSTONE NO. 6 MINING CLAIM"**

as the same appears of record in my office, in book **5** of **Mining Locations Transcribed**

**Records**

, at page **507.**

IN WITNESS WHEREOF, I have hereunto set my hand and seal

of office, this **5th** day of **September** A. D. **1914**

(SEAL)

*No. 4025*

*[Signature]*  
County Recorder

MAFFICK-CLAYTON LITHO. CO.

AMENDED  
NOTICE OF MINING LOCATION  
LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Keystone #.6 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 Co. a corporation organized and existing under and by virtue of the laws of the Territory of Arizona, the undersigned, on the 21st day of May 1903.

The length of this claim is fifteen hundred (1500) feet, and we claim fourteen hundred (1400) feet, in a North 17° 19' East direction and one hundred (100) feet in a South 17° 19' West direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with two hundred twenty five (225) 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 Greenlee Gold Mountain Mining District, in Graham County, in the Territory of Arizona, about 3/4 of a mile in a Northerly direction from the town of Metcalf the westerly side line of this claim coincident with the easterly side line of the El Cajon Mining Claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at Post in a monument of stones at a point in a S. 17° 19' W. direction hundred (100) feet from the discovery shaft (at which this notice is posted) being in the center of the southerly end line of said claim; thence N. 72° 41' W. 225 feet to a post and monument of stone, being the South West corner of said claim; thence N. 17° 19' E. 1500 feet to a post and monument of stone, being at the North West corner of said claim; thence S. 72° 41' E. 225 feet to a post and Monument of stone being the center of the northerly end of said claim; thence S. 72° 41' E. 225 feet to a post and monument of stone, being at the North East corner of said claim; thence S. 17° 19' W. 1500 feet to a post and monument of stone at the South east corner of said claim; thence N. 72° 41' W. 225 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 Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 21st day of May 1903.

Witness: P. E. Johanson  
P. B. Scotland

The Arizona Copper Co.  
Alex Veitch, Agent.

Filed and recorded at request of A. T. Thomson, May 21st 1903, at 9 A.M.

Mit Sims, County Recorder.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

November 15, 1915.

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

ARIZONA COPPER COMPANY

known as the Keystone No. 5, Keystone #6.

situate in Greenlee Gold Mountain

Mining District, Greenlee County, Arizona

in Section 33, Township No. 3 S., Range No. 29 E., unsur., and

designated as Survey No. 3148, 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 each of 1 shaft, 2 cuts and 3 tunnels, total value \$2190.00

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,

November 15, 1915.

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

ARIZONA COPPER COMPANY

, known as the

Keystone No. 5, Keystone #6.

situate in Greenlee Gold Mountain Mining District, Greenlee County, Arizona.

in Section 33, Township No. 3 S., Range No. 29 E. uns.

, designated as Survey No. 3148

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

Surveyor, September 1-4, 1915, under my instructions dated

September 14, 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 Ingalls

U. S. Surveyor-General for Arizona.