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LOT NO. 52.

Field Notes

of the survey of the

Langfellow  
Copper Mining Claim,

Situate in Copper Mountain mining district,

County of Yavapai and in Sec.       , Tp.       ,

Range       , of the Gila and Salt River Meridian,

ARIZONA.

Claimed by Henry Lesinsky,

Survey executed by John L. Harris, D. S.,

Under instructions dated June 28, 1877

Survey commenced July 4, 1877

Survey completed July 4, 1877

PRELIMINARY OATHS FOR SURVEYS OF MINING CLAIMS AND MILL-SITES.

WE Secundina Sibba and Margarita Varela  
do solemnly swear that we will faithfully execute the duties of Chain Carriers;  
that we will level the chain upon uneven ground, and plumb the tally pins,  
whether by sticking or dropping the same; that we will report the true distance  
to all notable objects, and the true length of all lines that we assist in measur-  
ing, to the best of our skill and ability.

Witness } John R. Farrell. }  
his  
Secundino Sibba  
mark  
Margarita Varela.

Sworn to and subscribed before me this 7<sup>th</sup> day

of July, 1877

John R. Farrell.  
Notary Public

Mc Nam. R. McCormick, Hagman, & Martiniano Lujan, Acuras,  
do solemnly swear that ~~we~~<sup>we</sup> will well and truly perform the duties of  
Hagman & Acuras, respectively according  
to instructions given ~~me~~<sup>us</sup>, and to the best of ~~my~~<sup>our</sup> skill and ability.

McCormick  
Martiniano Lujan

Sworn to and subscribed before me this 7<sup>th</sup> day

of July, 1877

John R. Farrell  
Notary Public

## Survey of the Longfellow Copper Mine.

Situated in Copper Mountain Mining District, Yavapai County, Arizona, and claimed by Henry Lemmery

Commence at the N. W. cor. of the claim said corner being an outcrop of the country rock,  $1\frac{1}{2}$  ft. high, with a clear face to the S, on which is marked N. W. Cor. S. M. standing on S. slope of a hill bearing to the N.

From this cor. the N. E. cor. of the Yankee Mining claim bears N.  $28\frac{1}{4}$ ° W. 3.89 chs. dist. The Yankee claim was surveyed for patent Nov. 11. 1872.

The N. W. Cor. of the Thomson Mining claim, surveyed and patented, bears S.  $46^{\circ}37'$  W. 93.28 chs. dist.

Longfellow Peak, in the center of the Longfellow Mining claim, bears S.  $8^{\circ}16'$  E. 12.23 chs. dist. Bearings to this peak have been taken in the survey of a number of mining claims in Copper Mountain district, and it being the best known and marked point in the vicinity, is made the initial point by this survey. Claims to the W. of the Longfellow, in this same mining district, but with a mountain line between, have a large rock at the junction of the E. and Middle forks of Chase's creek as their initial point; but this rock is a number of miles distant from the Longfellow, is inaccessible and cannot be seen from any point in the vicinity and its adoption as an initial point in survey of the Longfellow mine would be useless in establishing the identity or locus of this mine.

A large rock at the house of the Superintendent of the mine bears from this N. W. cor. S.  $35\frac{1}{2}$ ° E.

The mouths of the Tunnels on the mine bear, in a line, S.  $36\frac{1}{2}$ ° E.

# Survey of the Longfellow Copper Mine.

Copper Mountain Mining Dist. Yavapai Co. Arizona.

1. From the N. W. cor. Drum  
S. 16° 30' N.

Var. 13° East

As per Buick's improved Solar Compass.

1.88 To intersection with the E. end line  
of the Yankee Mining Claim.  
Thence along said line of the Yankee  
Claim, Drum  
S. 14° E.

Var. 15° East

As per original survey of said line

3.69 To the S. E. cor. of the Yankee claim.  
Thence along the southerly line of  
said Yankee Claim Drum  
S. 76° N.

Var. 15° East

2.17 To intersection with westerly line of  
the Longfellow mine

Thence along the westerly line of the  
Longfellow mine Drum  
S. 16 1/2° N.

Var. 13° East

As per Buick's Solar Compass

Cross over N. slope of Longfellow Peak

16.00 Descend into gulch.

17.00 Steep ascent of hill sloping to the S.

21.00 To S. W. cor. of Longfellow Mine, an out-  
crop of country rock, facing to the N,  
2 ft. high, marked S. W. Cor. L. M. from which  
A Pine tree, 12 in. dia. bears N. 79° 36' E. 20 lks. dist.  
A Cedar tree, 15 " " " S. 72 1/2° N. 10 " "  
Marked S. W. Cor. L. M. B. J.

The S. E. cor. of the Montezuma Mine,  
surveyed for patent Nov. 11. 1872, bears  
N. 43° 28' E. 4. 40 chs. dist.

Longfellow Peak bears N. 43 1/2° E.

Thence Drum  
S. 73° 30' E. Along S. end of Longfellow Mine

Var. 13° East

# Survey of the Longfellow Copper Mine Copper Mountain Mining Dist. Yavapai County, Arizona

As. Along N. slope of steep hill.  
4.09 Divide running down from Longfellow Peak.  
6.00 Descend steeply.  
9.09 To S.E. cor. Longfellow Mine. Set a post.

4 ft long, 3 in. sq. d. 1 ft in the ground, and build around it a mound of stones 2 ft high. Post marked S.E. Cor. L.M. On side of very steep hill. No trees near Clifton Peak, rising on the E. side of the town of Clifton (the situation of the Longfellow Smelting furnaces and works,) hrs. from this S.E. cor. S.  $70^{\circ}46'$  and is 6 miles and 73.42 chs. dist. This peak is a marked and unmistakable object, standing solitary and can be seen from all points on the easterly side of Longfellow mine as the viewer looks down Chase's creek to the E.

From the S.E. cor. Iron  
N.  $16^{\circ}30'$  E. Along E. side of Longfellow Mine.  
var.  $13^{\circ}$  East

3.00 Gulch runs S.E. from Longfellow Peak.  
3.40 Boulder 10 hrs E. of line.  
4.20 Prospecting shaft 50 hrs. wide.  
5.30 Trail hrs. S.E. and N.W. Begin descent.  
6.00 Descent becomes so steep and broken as to render accurate chaining impossible. So I set a flag on line on opposite side of gulch running E., to Chase's creek, and measure off a base of 1.66 chs. S.  $40^{\circ}10'$  E. to point whence flag on line hrs. N.  $10^{\circ}52'$  E., making distance across to flag, 13.15 chs.

19.15 To flag on line.  
20.00 Foot of mass of rocks  
21.00 To N.E. cor. Longfellow Mine, being an outcrop of country rock, with letters N.E. cor. L.M. cut in face; rock colored white and cor. is on bench in a great mass of rock. from which cor.  
A Cedar tree, 15 in. dia. hrs. N.  $28^{\circ}W$ . 40 hrs dist  
Tree marked N.E. cor. L.M. B.T.

# Survey of the Longfellow Copper Mine.

Copper Mountain Mining Dist, Yavapai County, Arizona

8. From the N.E. cor. Longfellow Peak to S. 36°10'N. 11.89 chs. dist.

The mouth of the Tunnels to S. 46°10'N.

Rock at Superintendents House to S. 59°35'N.

Mouth of middle cut to S. 39°4'N.

Mouth of E. cut to S. 37°10'N.

Clifton Peak, (sighted to from S.E. cor. of mine) to S. 68°35'E., 6 miles and 74.82 chs. dist.

From the N.E. cor. of the Longfellow mine to N. 73°30'N. Along N. end of Claim var. 13° East

Along steep south slope of hill

9.09 To N.W. cor. of the claim, the place of beginning

The area of land enclosed by this survey is 18.69 Acres.

## General Description.

The Longfellow mine is located southeast of and adjoining the Yankee mining Claim, the latter surveyed Nov. 11, 1872, and believed to be already patented by the United States. The Longfellow mine may further be described as lying some six miles westerly from the town of Clifton which is on the Presco or Francisco river and the scene of the offices, houses and smelting furnaces of the Longfellow mining company.

The Longfellow mine is one of the best developed in Arizona. The Company have built expensive roads to Clifton and thence to the mine and now directly employ some 500 men about the mine and the furnaces and works at Clifton. The ore is hauled

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# Survey of the Longfellow Copper Mine.

Copper Mountain Mining Dist. Yavapai Co. Arizona.

by teams from the mine to the furnace at Clifton and there worked.

The ore contains no other metal than copper. A superior quality of Karlin is however found, in large quantities in the mine.

I certify that the value of the labor and improvements upon the Longfellow mine is not less than \$500, made and done by claimant, Henry Lesinsky, and said improvements are as follows:

Starting at the N.W. Cor. of the mine run S.  $36\frac{1}{2}^{\circ}$  E, 7.96 chs. to the mouth of the lowest of three tunnels, each 6x8 ft in size, opening one above the other, and diverging at different angles into and along the ore ~~mass~~<sup>body</sup>. The lower tunnel runs in zigzag 4.59 $\frac{1}{2}$  chs. or on a straight line S.  $40^{\circ}28'$  W. 3.95 chs. The middle tunnel runs in zigzag 5.37 chs. or on a straight line S.  $33^{\circ}06'$  W. 5.06 chs. The upper tunnel runs in zigzag 5.99 $\frac{1}{2}$  chs. or on a straight line S.  $20^{\circ}18'$  W. 4.47 chs.

From the foot of these tunnels, an inclined tramway runs westerly to higher and level ground, up which the ore is drawn to be delivered to teams.

Southeast of and closely adjoining the tunnels are two deep cuts penetrating the ore body.

Survey executed July 7, 1877.

John L. Harris  
U.S. Dep. Surveyor.

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AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, *Wm. R. Carmick* and *Martiniano Lujan*  
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with  
the *Longfellow Copper* \_\_\_\_\_  
\_\_\_\_\_ mining claim, situate in *Copper Mountain*  
\_\_\_\_\_ Mining District, *Yavapai* County, Arizona  
Territory, for which *Ann Seinsky* \_\_\_\_\_  
has made application for survey prior to application for patent under the provisions of the Act of  
Congress approved May 10, 1872, and that the labor done and improvements made thereon by the  
applicant \_\_\_\_\_ exceed Five Hundred Dollars in value, and further that we are  
not personally interested in said mine.

*Wm. R. Carmick*  
*Martiniano Lujan*

TERRITORY OF ARIZONA }  
County of *Pima* } SS.

SWORN AND SUBSCRIBED before me this *7<sup>th</sup>* \_\_\_\_\_

day of *July*, 18*77*.

*John R. Faull,*  
Notary Public.

FINAL OATHS FOR SURVEYS OF MINING CLAIMS AND MILL-SITES.

A list of the names of individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing field-notes of the survey of The Longfellow Copper Mine,

located in Copper Mountain mining district  
Yavapai County, Arizona, showing the respective capacities in which they acted.

- Secundino Sibba Chainman.
- Margarito Varela Chainman.
- Martiriana Lujan Axeman.
- Wm. R. Conner Flagman.

We hereby certify that we assisted John L. Harris  
U. S. Deputy surveyor, in surveying The Longfellow Copper Mine

claimed by Amey Desinsky  
located in Copper Mountain mining district,  
Yavapai County, and in Township No. \_\_\_\_\_ Range No. \_\_\_\_\_  
of the Gila and Salt River base and meridian, Arizona, and that said Survey has been in all respects, to the best of our knowledge and belief well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor-General.

- Witnesses
- John R. Farrell
  - Secundino Sibba Chainman.
  - Margarito Varela Chainman.
  - Martiriana Lujan Axeman.
  - Wm. R. Conner Flagman.

SWORN to and subscribed before me this 7<sup>th</sup> day  
of July 1877

John R. Farrell  
Notary Public.

I, John L. Harris U. S. Deputy Surveyor do solemnly swear that in pursuance of instructions from John Wasson, U. S. Surveyor-General for Arizona, bearing date the 28<sup>th</sup> day of June 1877 I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General and the laws of the United States, surveyed all those portions of The Longfellow

Copper Mine  
claimed by Amey Desinsky  
located in Copper Mountain mining district,  
Yavapai County, and in Township No. \_\_\_\_\_ Range No. \_\_\_\_\_  
of the Gila and Salt River base and meridian, Arizona, as are represented in the foregoing field-notes as having been surveyed under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the instructions furnished me, and that the foregoing are the true and original field-notes of such surveys.

John L. Harris  
Deputy Surveyor.

SWORN to and subscribed before me this 7<sup>th</sup> day  
of July 1877

John R. Farrell  
Notary Public.

## Longfellow Copper mine

Notice—In order to conform more strictly with the law of Congress, approved May 10<sup>th</sup> A. D. 1872, in making locations of mining claims with reference to some permanent object, I the undersigned, have this day, relocated this mining claim, retaining the original monuments and boundaries as first located August 28<sup>th</sup> A. D. 1872, and recorded in Book of Mining Claims of Copper Mountain Mining District, Garapa Co. Ter. of Arizona, Sept 29<sup>th</sup> A. D. 1872. Said location having since that date been in possession of the Longfellow Copper Mining Company and continuously worked from that date to the present time. It being expressly understood that this relocation is no waiver of original location; said original location having been made in the manner then customary in said district at the time of said location; but, only and for the sole purpose of more fully complying with instructions from the U. S. Land Office in regard to the Mining Law of May 10<sup>th</sup> A. D. 1872. Said location is described and bounded as follows. Commencing at the northwest corner, which is an outcrop of the country rock, on which is chiseled the following letters, "N. W. Cor. mi." and which rock is situated about one hundred feet north of from the northern terminus of the road leading from Clifton to

the Longfellow mine, and about one half mile west from Chase's Creek; thence South, about ten degrees west, fifteen hundred feet, to another outcrop of the country rock, on which is chiselled these letters "S. W. Cor L. M."; thence East six hundred feet to an outcrop of the country rock on which is chiselled the letters "S. E. Cor L. M."; thence North about ten degrees east, fifteen hundred feet, to an outcrop of the country rock on which is chiselled the letters "N. E. Cor L. M."; thence six hundred feet west to the monument of beginning — This Eighth day of March A D 1876

Copper Mountain Mining District  
Yavapai Co Ter of Arizona

Witness

C. Bennett  
W<sup>m</sup> M. Cornish

Henry Lesinsky

Filed for Record and duly recorded this 8<sup>th</sup> day of March 1876 A. D.

C. Bennett  
Recorder

Clifton June 16<sup>th</sup> 1876

I hereby certify that the above is a correct transcript from the records of Copper Mountain Mining District Yavapai Co Arizona

J. Smadbeck  
Recorder

Notice of Location  
of  
Longfellow Copper Mine.

U. S. Surveyor General's Office  
 Tucson, Arizona,  
 August 2, 1877.

The foregoing field-notes of the Survey of the Longfellow Mining claim, situated in Copper Mountain Mining district, Yavapai County, Arizona, and claimed by Henry Lesinsky, Survey executed by John S. Harris U.S., under instructions from this office, having been critically examined and the necessary corrections and explanations made, the said field notes and the Survey they describe are hereby approved.

John Hasson,  
 Surveyor General.