

JAN 8- 1912

(4-683.)

Mineral Survey No. 2961

Lot No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Arizona Copper Company

KNOWN AS THE

Leon, Index, Victor, Chase Creek No. 6, Moana

Copper Mountain Mining District.

Greenlee County, Arizona

Approx.
Sections 4 & 9, Township 4 S., Range 29 E. unsurveyed

Surveyed under instructions dated Dec. 18, 1 911.

by Lamar Cobb,
U. S. Deputy Mineral Surveyor

Claim located see location notices, 1

Survey commenced Dec. 20, 1911.

Survey completed Dec. 28, 1911.

Address:-

J. R. Hampton, Attorney for claimant,

Clifton, Arizona.

Survey No. 2961

Moana lode

Beginning at Cor. No.1.

Identical with Cor. No. 5 Sur. No. 1229 Terrassas No.2 lode, and

On line 3-4 Sur. No. 1229 Verdant lode.

A pine post, in place, 4 x 4 ins., 3.5 ft. high, with mound of stone, scribed M-1- 2961, whence

U.S.M.M.No.3 bears N.32°58'W. 2441.8 ft.

No bearings available

Thence S.72°41'E.

100. Northeast end center of the location and lode.

172.97 To Cor. No. 2.

Identical with Cor. No. 3 Sur. No 1229 Verdant lode,

On line 4-1 Sur. No. 1229 Chase Creek lode.

A pine post, in place, 4 x 6 ins., 3.5 ft. high, with mound of stone, scribed M-2 - 2961, whence

No bearings available.

Thence S.43°50'W.

169.12 To Cor. No. 3.

Identical with Cor. No. 4 Sur. No. 1229 Chase Creek lode,

On line 1-2 Chase Creek No.6 lode, of this survey,

A pine post in place, 4 x 4 ins., 3.5 ft. high, with mound of stone, scribed M-3 - 2961,

No bearings available.

Thence N.72°41'W.

12.62 Intersect line 5-6 Sur. No.1229 Terrassas No. 2 lode, at S.11°58'E. 173.5 ft., from Cor. No. 5.

89.58 Southwest end center of the location and lode.

189.58 To Cor. No. 4.

Identical with Cor. No.1 Chase Creek No. 6 lode, of this survey.

A pine post, in place, 4 x 4 ins., 3.5 ft. high, with mound of stone scribed C-C 6-1, M-4-2961.

No bearings available.

(2)

feet
 177.18 Thence N.48°39'E.
 To Cor. No. 1, the place of beginning.

Chase Creek No. 6 lode

Beginning at Cor. No. 1.
 Identical with Cor. No.4 Moana lode, of this survey,
 heretofore described.
 whence
 U.S.M.M.No.3 bears N.28°54'W. 2473.9 ft.

Thence S.72°41'E.

176.96 Intersect line 5-6 Sur. No.1229 Terrassas No. 2 lode, at
 N.11°58'W. 164.9 ft. from Cor. No. 6.

189.58 Cor. No.3 Moana lode, of this survey, and
 Cor. No. 4 Sur. No. 1229 Chase Creek lode.

1371.50 Intersect Shannon - Arizona R. R., course from north to
 south.

1550.00 Enter stone house 15x23 ft., course of long side north.
 1551.48 To Cor. No. 2.

On line 3-4 Sur. No. 1229 Chase Creek lode, and
 Identical with Cor. No. 2 Sur. No. 1229 Chase Creek No.
 2 lode.

Impracticable to establish corner post at this
 point as it is in a stone house.

Witness Cor. bears S.48°39'W. 198 ft.

Cor. No. 1 Sur. No. 1229 Chase Creek No. 2 lode bears
 E.69°28'W. 312.1 ft.

Thence S.48°39'W.

1.5 Leave stone house.
 173. Intersect Shannon - Arizona R.R., course from North to
 south.

198. Witness Cor. for Cor. No. 2.

A pine post, in place, 4 x 4 ins., 3.5 ft. high, with
 mound of stone, scribed W C - C C 6 - 2 - 2961, whence
 Cor. No.2 of this lode bears N.48°39'E. 198 ft.

278.03 East end center of the location and lode.

- feet
352.66 Intersect line 6-1 Sur. No. 1229 Chase Creek No. 2 lode,
at S.12°34'E. 126.55 ft. from Cor. No. 1, and
Intersect line 2-3 Victor lode, of this survey, at S.12°
34'E. 291.57 ft. from Cor. No. 2.
- 432.13 To Cor. No. 3.
A pine post, in place, 4 x 4 ins., 3.5 ft. high, with
mound of stone, scribed C C 6 -3 - 2961, whence
No bearings available.

Thence N.75°11'W.
- 574.33 Cors. Nos. 2 and 1 Leon and Victor lodes, respectively
of this survey, whence Cor. No. 2 Victor lode, of this
survey, bears N.70°58'E. 583.32 ft.
- 1593.23. To Cor. No. 4.
On line 1-2 Sur. No. 1229 Goat lode, and
Identical with Cor. No. 1 Leon lode, of this survey.
A pine post, in place, 4 x 6 ins., 3.5 ft. high, with
mound of stone, scribed E-1, C C 6 - 4 - 2961, whence
No bearings available

Thence N.11°50'W.
2. To Cor. No. 5.
On line 1-2 Sur. No. 1229 Goat lode, and
Identical with Cor. No. 7 Sur. No. 1229 Terrassas No. 2
lode.
A pine post, in place, 4 x 4 ins., 3.5 ft. high, with
mound of stone, scribed C C 6 - 5 - 2961, whence
Cor. No. 6 Sur. No. 1229 Terrassas No. 2 lode bears N.
78°05'E. 600 ft.

Thence N.48°39'E
- 337.42 West end center of the location and lode.
- 511.42 To Cor. No. 1, the place of beginning.

feet

Leon lode

Beginning at Cor. No. 1.

On line 1-2 Sur. No. 1229 Goat lode, and
 Identical with Cor. No. 4 Chase Creek No. 6 lode, of
 this survey, heretofore described, whence
 U.S.M.M.No.3 bears N.17°57'W. 2632.9 ft.

Thence S.75°11'E.

1018.9 To Cor. No. 2

On line 3-4 Chase Creek No. 6 lode, of this survey, and
 Identical with Cor. No.1 Victor lode, of this survey.

A pine post, in place, 4 x 4 ins., 3.5 ft. high, with
 mound of stone, scribed V-1, L-2 - 2961, whence

No bearings available.

Thence S.11°50'E.

335.65 East end center of the location and lode.

671.3 To Cor. No. 3

On lines 4-1 and 1-2 Victor and Index lodes, respectively,
 of this survey.

A pine post, in place, 4 x 6 ins., 3.5 ft. high, with
 mound of stone, scribed L - 3 - 2961, whence

No bearings available

Thence N.75°11'W.

1018.9 To Cor. NO. 4.

On line 1-2 Index lode, of this survey, and

On line 1-2 Sur. No. 1229 Terrassas lode.

A pine post, in place, 4 x 4 ins., 3.5 ft. high, with
 mound of stone, scribed L-4 - 2961.

No bearings available.

Thence N.11°50'W.

172. Cors. Nos.1 and 2 Sur. No. 1229 Terrassas and Goat lodes,

feet

respectively. (Obliterated).

335.65 West end center of the location and lode.

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

Index Lode

Beginning at Cor. No. 1.

A pine post, in place, 4x 6 ins., 3.5 ft. high, with mound of stone, scribed I-1 - 2961, whence

U.S.M.M.No. 3 bears N.15°10'W. 3249.6 ft.

Thence S.75°11'E.

102.79 Intersect line 1-2 Sur. No. 1229 Terrassas lode, at N. 11°50'W. 528 ft. from Cor. No.2.

1121.69 Intersect line 4-1 Victor lode, of this survey, at N.11° 50'W. 671.29 ft. from Cor. No. 4 and 238.96 ft. from its intersection with line 3-4 Sur. No. 1792 A. Rattler lode.

1306.17 To Cor. No. 2.

A pine post, in place, 4 x 6 ins., 3.5 ft. high, with mound of stone, scribed I-2 - 2961

No bearings available

Thence S. 3°49'W.

226.76 Intersect line 3-4 Sur. No.1792 A. Rattler lode, at S.70° 54'E. 253.36 ft. from Cor. No. 3 and 120.9 ft. from its intersection with line 4-1 Victor lode, of this survey.

305.6 East end center of the location and lode.

611.2 To Cor. No.3.

Identical with Cor. No. 4 Victor lode, of this survey.

A pine post, in place, 4 x 6 ins., 3.5 ft. high, with mound of stone, scribed V-4, I-3 - 2961, whence

No bearings available.

Thence N.75°11'W.

346.86 Intersect line 6-2 Sur. No. 926 Emelia lode, at S.4°50'W. 192.79 ft. from Cor. No. 6, and 35.75 ft. from its intersection with line 2-3 Sur. No.1792 A. Rattler lode.

355.70 Intersect line 2-3 Sur. No. 1792 A. Rattler lode, at S. 19° 06' W. 397.43 ft. from Cor. No. 3, and 35.31 ft. from its intersection with line 6-2 Sur. No. 926 Emelia lode.

1306.17 To Cor. No. 4.

Identical with Cor. No. 5 Sur. No. 926 Emelia lode, and
On line 4-1 Sur. No. 1840 Arizona lode.

A pine post, in place, 4 x 4 ins., 3.5 ft. high, with mound of stone, scribed I-4 - 2961.

No bearings available.

Thence N. 3° 49' E.

13.5 Intersect line 2-3 Sur. No. 1229 Terrassas lode, at S. 77° 50' W. 253 ft. from Cor. No. 2.

191.7 Cor. No. 1 Sur. No. 1840 Arizona lode.

305.6 West end center of the location and lode.

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

Victor lode

Beginning at Cor. No. 1.

574.33 ft. from Cor. No. 3,

On line 3-4 Chase Creek No. 6 lode, of this survey,

Identical with Cor. No. 2 Leon lode, of this survey,

whence

U.S.M.M. No. 3 bears N. 33° 01' W. 3298.7 ft.

~~Cor. No. 3 Chase Creek No. 6 lode, of this survey, bears~~

~~S. 75° 11' E. 574.33 ft.~~

Thence N. 70° 58' E.

283.32 North end center of the location and lode.

583.32 To Cor. No. 2.

A pine post, in place, 4 x 4 ins., 3.5 ft. high, with mound of stone, scribed V-2 - 2961, whence

A cross (X) and B R 2-2961 chiseled on quartz porphyry bed rock, facing east, bears S. 55° 50' W. 7.9 ft.

feet

Thence S.12°34'E.

165.02 Cor. No.1 Sur. No.1229 Chase Creek No. 2 lode.

291.57 Intersect line 2-3 Chase Creek No. 6 lode, of this survey,
at N.48°39'E. 79.47 ft. from Cor. No.31301.3 Intersect Shannon - Arizona R.R., course from north to
south.1340.32 To Cor. No. 3.
Identical with Cor. No. 4 Sur. No. 1792 A. Rattler
lode;Impracticable to establish corner monument at this
point as it is too close to the Shannon - Arizona R.R.
hereafter described,
Witness Cor. bears S.70°58'W. 35.9 ft.

Thence S.70°58'W.

4. Intersect Shannon - Arizona R.R., course from north to
south.

35.9 Witness Cor. for Cor. No. 3.

A pine post, in place, 4 x 4 ins., 3.5 ft. high,
with mound of stone, scribed W/C - V-3 - 2961

No bearings available.

300. South end center of the location and lode.

600.56 To Cor. No. 4.

Identical with Cor. No.3 Index lode, of this survey,
heretofore described,
whence,Cor. No. 2 Index lode, of this survey, bears N.3°49'E.
611.2 ft.Intersection of line 2-3 Index lode, of this survey
and line 3-4 Sur. No. 1792 A. Rattler lode bears N.3°49'E.
384.44 ft.

Thence N.11°50'W.

432.33 Intersect line 3-4 Sur. No. 1792 A. Rattler lode, at N.
72°54'W. 694.62 ft. from Cor. No. 4, and 120.9 ft. from
its intersection with line 2-3 Index lode, of this survey.671.29 Intersect line 1-2 index lode, of this survey, at N.75°11'
W. 184.48 ft. from Cor. No. 2.

1342.59 To Cor. No. 1, the place of beginning.

Variation at all corners 13° E.

LODE LINES

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

Moana lode, 52.18 ft. N.48°39'E., and 125 ft. S.48°39'W.

Chase Creek No. 6 lode, 400 ft. N.69°17'W., and 1100 ft. S.69°17'E.

Leon lode, 1018.9 ft. N.75°11'W.

Index lode, 1006.17 ft. N.75°11'W., and 300 ft. S.75°11'E.

Victor lode, 250 ft. N.12°34'W., and 1090.32 ft. S.12°34'E.

AREA	acres	acres
Total area Moana lode		0.630
Area in conflict with:-		
Sur. No. 1229 Terrassas No. 2 lode	0.307	
Total area Chase Creek No. 6 lode		14.385
Area in conflict with;-		
Sur. No. 1229 Terrassas No. 2 lode	2.023	
Sur. No. 1229 Chase Creek No. 2 lode	0.449	
Total area Leon lode		14.034
Total area Index lode		17.990
Area in conflict with;-		
Sur. No. 1229 Terrassas lode	2.226	
Sur. No. 1792 A. Rattler lode,	2.696	
Sur. No. 1792 A. Rattler lode, exclusive of its conflict (.514 acres) with Victor lode of this survey,	2.182	
Sur. No. 926 Emelia lode,	2.090	
Sur. No. 926 Emelia lode, exclusive of its conflict, (.015 acres) with Sur. No. 1792 A. Rattler lode,	2.075	
Sur. No. 1792 A. Rattler lode, exclusive of its conflict (.514 A) with Victor lode of this survey, and its conflict (.015 A) with Sur. No. 926 Emelia lode,	2.167	
Total area Victor lode		18.099
Area in conflict with;-		
Chase Creek No. 6 lode, of this survey	2.375	
Sur. No. 1792 A. Rattler lode	2.957	
Index lode, of this survey	1.270	
Index lode, of this survey (exclusive of its (.514 acres) conflict with Sur. No. 1792 A. Rattler lode	0.756	

The survey of each lode of this location is identical with the respective location as staked upon the ground. The end center monuments of all the lodes are mounds of stone.

LOCATION

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

ADJOINING LODES

The adjoining lodes are as follows:-

Sur. No. 1229 Goat, Terrassas, Terrassas No. 2, Verdant, Chase Creek, and Chase Creek No. 2 lodes, claimant herein; Sur. No. 1792 A. Rattler lode, claimant herein; Sur. No. 926 Emelia lode, claimant herein; and Sur. No. 1840 Arizona lode, claimant herein.

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 said improvements consist of:-

No. 1. The discovery shaft, the center of the east side of which is on the lode line 125 ft. from the southwest end center, 5 x 10 ft. 14 ft. deep.

Value \$ 140.00

Note: An undivided 1/5 interest in the Chase Creek No. 6 lode No. 2 tunnel is accredited to this lode.

Value \$ 954.00

Chase Creek No. 6 lode

No. 1. The discovery, showing mineral in place in the outcrop, which is on the lode line 400 ft. from the west end center.

No. 2. A tunnel the mouth of which bears from Cor. No. 2 N.72°50'W. 180 ft., running N. 85° W. 170 ft.; thence S.41°W. 105 ft.;

thence S.34°15'W. 77 ft.; thence S.59°W. 40 ft.; thence S:77°W. 85 ft., 5 x 6 ft. Value \$4770.00

An undivided 1/5 interest is accredited to this lode.

Value \$ 954.00

Leon lode

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

NO.2. A tunnel, the mouth of which bears from Cor. No.2 S.62°10' W. 336 ft., running N.41°W. 100 ft., 7 x 8 ft.

Value \$ 1000.00

Note; An undivided 1/5 interest in the Chase Creek No. 6 tunnel No. 2 is accredited to this lode.

Value \$ 954.00

Index lode

No. 1. The discovery, showing mineral in place in the outcrop, which is on the lode line 300 ft. from the east end center.

No. 2. A tunnel, the mouth of which bears from a point on line 1-2, 1121.69 ft. from Cor. No. 1, S.25°W. 240 ft., running northwest, 6x7 ft., 14 ft. long.

Value \$ 140.00

Note; An undivided 1/5 interest in the Chase Creek No. 6 tunnel No. 2 is accredited to this lode.

Value \$ 954.00

Victor lode

No. 1. The discovery, showing mineral in place in the outcrop, which is on the lode line 250 ft. from the north end center.

No.2. A shaft, the center of which bears from Cor. No. 1 S.42° 30'E. 577 ft., 6 x 8 ft., 8 ft. deep.

Value \$ 50.00

Note: An undivided 1/5 interest in the Chase Creek No. 6 tunnel No. 2 is accredited to this lode.

Value \$ 954.00

Note:-

The ground embraced in this location rises rapidly from the east to the west. Tunnel No. 2 on the Chase Creek No. 6 lode is advantageously located to develop the entire group by continuing it in its present general direction and cross cutting therefrom.

In this way all the lodes in this location can be developed to several hundred feet in depth at a minimum cost. An undivided 1/5 interest, value \$ 954, is accredited to each lode in this survey.

REPORT

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

Sur. No. 1229 Verdant, Chase Creek, Chas Creek No. 2, Goat, Terrassas, and Terrassas No. 2 lodes;

Cor. No. 3 Verdant lode is a pine post properly set and scribed, and as Cor. No. 4 has been obliterated I use the bearing for line 3-4 as given in the original returns.

Cors. Nos. 1, 2, 3, 5, and 6 Terrassas No. 2 lode are pine posts properly set and scribed, and for Cor. No. 7, which has been obliterated, I use the bearing from Cor. No. 6 to Cor. No. 7 parallel with line 1-2, and the distance as given in the original returns.

Cor. No. 1 Goat lode is a pine post properly set and scribed, and as Cor. No. 2 has been obliterated I use for line 1-2 the bearing between Cor. No. 1 and Cor. No. 7 Terrassas No. 2 lode, the position of the latter I determined as hereinbefore stated. For the length of line 1-2 I use the distance given in the original returns.

Cors. Nos. 1, 2, and 3 Terrassas lode have been obliterated, and I prolong line 1-2 of the Goat lode, as herein determined for line 1-2 Terrassas lode using the length given in the original returns. For line 2-3 I use the bearing and distance as given in the original returns.

Cor. No. 4 Chase Creek lode is a pine post properly set and scribed and as the other corners have been obliterated I use the bearings and distances given in the original returns.

Cors. Nos. 1 and 6 Chase Creek No. 2 lode are pine posts properly set and scribed and the bearing between them as determined by me is S.12°34'E. Cor. No. 2 has been obliterated and I determine its position by using the bearing for line 1-2 as given in the original returns and calculating the intersection with line 3-4 Chase Creek lode as herein determined.

Sur. No. 1792 A. Rattler lode:

Cors. Nos. 2, 3, 5, and 6 are pine posts properly set and scribed and the position of Cor. No. 4, which has been obliterated,

I determine by the intersection of line 3-6 with line 6-1 Sur. No. 1229 Chaze Creek No. 2 lode.

Sur. No. 926 Emelia lode:

Cors. Nos. 2 and 6 are pine posts properly set and scribed with the Initial of the lode. Cor. No. 5 I identified by the mound of stone and the butt of a pine post. Cor. No. 1 has been obliterated.

Sur. No. 1840 Arizona lode:

Cor. No. 1 is a pine post properly set and scribed.

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

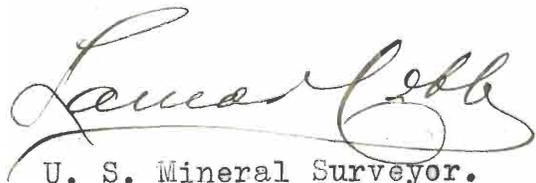
The differences between these field notes and the location certificates are due to errors in the latter.



U.S. Mineral Surveyor.

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 courses were measured with 5 ft. and 500 ft, steel tapes.



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 Leon, Index, Victor, Chase Creek No. 6, — Moana

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 I, do solemnly swear that we 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 Leon, Index, Victor, Chase Creek No. 6, and Moana

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.

J L Awalt, Chainman.

, Chainman.

, Axman.

, Flagman.

Subscribed and sworn to by the above-named persons before me this 28th

day of December, 1911.

Wade Hampton

Notary Public

My commission expires December 22, 1913.

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 Dec. 18, 1911, 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 LEON, VICTOR, INDEX, CHASE CREEK NO. 6, MOANA, situate in Copper Mountain Mining District, Greenlee County, Arizona, in Sections Approx. 4 & 9, Township No. 4 S., Range No. 29 E., unsurveyed, and designated as Survey No. 2961, 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 _____
 U. S. Deputy Mineral Surveyor, before me Lamar Cobb
 this 28th
 day of December 1911,

Wade Hampton
 Notary Public

My Commission expires December 27, 1913.

Amended Location Notice

16

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED

The Arizona Copper Co.

a corporation, the assignee of Isaac N. Stevens and Charles E. Stevens

who on the 24 day of August, 1899, located the Leon lode

lode 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 12, Record of Mines, page 81, has on this 24th day of Nov.

1911, 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 Leon Mining Claim. The name of the locator is The Arizona Copper Co.

The length of the claim along said vein or lode is 1018.9 feet; the width of said claim is 300 feet on each side of the middle of said lead, lode or vein. The general course of said lode and claim is N.W. to S.E. The distance from the Point of Discovery to the S.E. end center monument of said claim is feet. The distance from said Point of Discovery to the N.W. end center monument is 1018.9 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 S.E. end of the claim, which monument is the feet from said Location Monument; thence S 11° 50' E 335.65 feet to a pine post, being the S.E. corner of the claim, thence N 75° 11' W 1018.9 feet to a pine post, being the S.W. corner of the claim; thence N 11° 50' W 335.65 feet, to a monument of stones, being the center of the N.W. end of the claim; thence again N 11° 50' W 335.65 feet to a pine post, being the N.W. corner of the claim; thence S 75° 11' E 1018.9 feet to a pine post, being the N.E. corner of the claim; thence S 11° 50' E 335.65 feet to the place of beginning.

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

From the N.W. Cor. of this claim U.S.M.M.No. 3 bears N 17° 57' W 2633.9 feet. (A previous amended location certificate is recorded in B. 15, P. 90)

amended and posted on the ground

this 24th day of

November 1911

The Arizona Copper Co.

by

Witness: J.L. Awalt

TERRITORY OF ARIZONA,

County of _____

ss

TERRITORY OF ARIZONA,

County of _____

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 _____ 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

(# 1366)

DEC 18 1911

Amended Location Notice

"Index"

Dated Nov 24th 1911

Filed and recorded at request of

A. J. Thompson

Dec 6th A. D. 1911

at 11 o'clock A.M.

Book # of Mining Locations

Pages 81-82

John F. Burdick
County Recorder.

By E. J. Riley
Deputy Recorder.

7

Amended Location Notice

17

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED

The Arizona Copper Co.

a corporation, the assignee of James T. Randle

who on the 4th day of July, 1900 located the Index lode 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 12, Record of Mines, page 467-468, has on this 24th day of November, 1911, 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 Index Mining Claim. The name of the locator is The Arizona Copper Co.

The length of the claim along said vein or lode is 1306.17 feet; the width of said claim is 300 feet on each side of the middle of said lead, lode or vein. The general course of said lode and claim is N.W. to S.E. The distance from the Point of Discovery to the S.E. end center monument of said claim is 300 feet. The distance from said Point of Discovery to the N.W. end center monument is 1006.17 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 S.E. end of the claim, which monument is 300 feet S. 75° 11' E. from said Location Monument; thence S. 3° 49' W. 305.6 feet to a pine post, being the S.E. corner of the claim, thence N 75° 11' W 1306.17 feet to a pine post, being the S.W. corner of the claim; thence N 3° 49' E 305.6 feet, to a monument of stones, being the center of the N.W. end of the claim; thence again N 3° 49' E 305.6 feet to a pine post, being the N.W. corner of the claim; thence S 75° 11' E 1306.17 feet to a pine post, being the N.E. corner of the claim; thence S 3° 49' W 305.6 feet to the place of beginning.

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

From the N.W. Cor. of this claim U.S.M.M.No.3 bears N 15° 10' W 3249.6 feet.

amended and posted on the ground

this 24th day of

Nov. 19 11

The Arizona Copper Co.

by



Witness: J:L:Awalt

TERRITORY OF ARIZONA,

County of _____

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 _____ 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

(# 1566)

DEC 18 1911

Amended Location Notice

"Judy"

Dated Nov 24th 1911

Filed and recorded at request of

A. J. Thompson

Dec 6th A. D. 1911

at 11 o'clock A.M.

Book # of Mining Locations

Pages 381-382

John F. Burk
County Recorder.

By E. J. Riley
Deputy Recorder.

7

Amended Location Notice

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED
The Arizona Copper Co.

a corporation, the assignee of -----

who on the 27 day of January, 1902, located the Victor -----

lode 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 15, Record of Mines, page 91, has on this 24th day of November, 1911, 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 Victor Mining Claim. The name of the locator is The Arizona Copper Co.

The length of the claim along said vein or lode is 1340.32 feet; the width of said claim is 300 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 250 feet. The distance from said Point of Discovery to the South end center monument is 1090.32 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 250 feet N. 12° 34' W. from said Location Monument; thence N 70° 58' E 300 feet to a pine post, being the N.E. corner of the claim, thence S 12° 34' E 1340.32 feet to a pine post, being the S.E. corner of the claim; thence S 70° 58' W 264.1 feet, to a monument of stones, being the center of the South end of the claim; thence again S 70° 58' W 300.56 feet to a pine post, being the S.W. corner of the claim; thence N 11° 50' W 1342.59 feet to a pine post, being the N.W. corner of the claim; thence N 70° 58' E 283.32 feet to the place of beginning.

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

From the N.W. Cor. of this claim U.S.M.M. No. 3 bears N33° 01' W 3298.7 feet.

amended and posted on the ground

this 24th day of November 1911

The Arizona Copper Co.

by *W. J. Harrison*

Witness: J.L. Awalt

County of _____

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 _____ 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

(#1364)

DEC 18 1911

Amended Location Notice

"Victor"

Dated Nov 24th 1911

Filed and recorded at request of

A. J. Thompson

Dec 6th A. D. 1911

at 11 O'clock A.M.

Book #1 of Mining Locations

Pages 377-378

John J. Parker
County Recorder.

By E. J. Green
Deputy Recorder.

Amended Location Notice

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED

The Arizona Copper Co.

a corporation, the assignee of ---

who on the 29th day of October 1898 ~~10~~, located the Chase Creek No. 6
Lode 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 10, Record of Mines, page 198, has on this 4th. day of
December, 1911, 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 Chase Creek No. 6 Mining Claim. The name of
the locator is The Arizona Copper Co.

The length of the claim along said vein or lode is 1500 feet; the width of said claim is 300
feet on each side of the middle of said lead, lode or vein. The general course of said lode and claim
is N.W. to S.E. The distance from the Point of Discovery to
the N.W. end center monument of said claim is 400 feet. The distance from said
Point of Discovery to the S.E. end center monument is 1100 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 N.W. end of the claim, which monument is 400 feet
N. 69° 17' W. from said Location Monument; thence N 48° 39' E 174
feet to a pine post, being the N.W. corner of the claim, thence S 72° 41' E
1551.48 feet to a pine post, being the N.E. Witness corner of the claim; thence
S 48° 39' W 80.03 feet, to a monument of stones, being the center of the S.E. end of the
claim; thence again S 48° 39' W 154.1 feet to a pine post, being
the S.E. corner of the claim; thence N 75° 11' W 1593.23
feet to a pine post, being the S.W. corner of the claim; thence N 11° 50' W
2.08 ft. to a pine post; thence N 49° 39' E 337.42 ft. to the place of be-
ginning.

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

From the N.W. Cor. of this claim U.S.M.M. No. 3 bears N 28° 54' W
2473.9 feet.

amended and posted on the ground

this 4th. day of

December 1911

The Arizona Copper Co.

by

Witness: J.L. Awalt

TERRITORY OF ARIZONA,

County of _____

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 _____ 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

(#1363)

DEC 18 1911

**Amended Location
Notice**

"Chase Creek No. 6"

Dated Dec 4th 1911

Filed and recorded at request of

A. F. Thompson

Dec 6th A. D. 1911

at 11 O'clock A. M.

Book 1 of Mining Locations

Pages 375 - 376

John H. Quinn
County Recorder.

By E. G. Riley
Deputy Recorder.

Amended Location Notice

NOTICE IS HEREBY GIVEN THAT THE UNDERSIGNED

The Arizona Copper Co.

a corporation, the assignee of

who on the 2nd day of November, 1899-1900, located the MOANA lode 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 12, Record of Mines, page 104, has on this 24th day of November, 1911, 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 MOANA Mining Claim. The name of the locator is The Arizona Copper Co.

The length of the claim along said vein or lode is 177.18 feet; the width of said claim is 100 feet on each side of the middle of said lead, lode or vein. The general course of said lode and claim is N. E. to S. W. The distance from the Point of Discovery to the S.W. end center monument of said claim is 125 feet. The distance from said Point of Discovery to the N.E. end center monument is 52.18 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 S.W. end of the claim, which monument is 125 feet S. 48° 39' W. from said Location Monument; thence N. 72° 41' W. 100 feet to a pine post, being the S.W. corner of the claim, thence N. 48° 39' E. 177.18 feet to a pine post, being the N.W. corner of the claim; thence S. 72° 41' E. 100 feet, to a monument of stones, being the center of the N.E. end of the claim; thence again S. 72° 41' E. 72.97 feet to a pine post, being the N.E. corner of the claim; thence S. 43° 50' W. 169.12 feet to a pine post, being the S. E. corner of the claim; thence N. 72° 41' W. 89.58 feet to the place of beginning.

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

From the N.W. Cor. of this claim U.S.M.M. No. 3 bears N. 32° 58' W. 2441.8 ft.

amended and posted on the ground this 24th day of November 1911

The Arizona Copper Co. by *[Signature]*

Witness: J.L. Awalt

County of _____

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 _____ 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

(#1361)
DEC 18 1911

**Amended Location
Notice**

"Moana"

Dated Nov 24th 1911

Filed and recorded at request of

A. J. Thompson

Dec 6th in A. D. 1911

at 11 O'clock A.M.

Book #1 Mining Locations

Pages 371-372

John F. Burk
County Recorder.

By E. J. Kelly
Deputy Recorder.

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,

March 19, 1912.

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 Arizona Copper Company,

, known as the

LEON, INDEX, VICTOR, CHASE CREEK NO. 6, MOANA

situate in Copper Mountain mining district,

Greenlee County, Arizona

Approx.

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

, designated as Survey No. 2961

executed by Lamar Cobb U. S. ~~Deputy~~ Mineral

Surveyor, December 20 - 28, 1911, under my instructions dated

December 18, 1911, 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.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

March 19, 1912.

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 Arizona Copper Company

known as the LEON, INDEX, VICTOR, CHASE CREEK NO. 6, MOANA,

situate in Copper Mountain

Mining District, Greenlee County, Arizona

Approx.

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

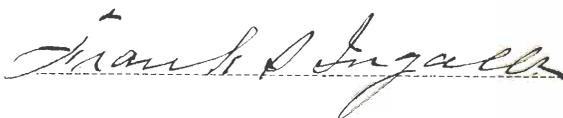
designated as Survey No. 2961, has been correctly copied from the originals on file in

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 improved or for each of
 improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 2 shafts and 3 tunnels, total value \$6100.00. Tunnel No. 2 on the Chase Creek No. 6 lode being so located that it can develop all of the lodes in the survey, its value is therefore apportioned among said lodes, an undivided 1/5 interest, value \$954, being credited to each claim.

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.