

MINERAL SURVEY No. 3351

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

COPPER STATE MINING COMPANY

KNOWN AS THE

COPPER REEF Lode

Bunker Hill Mining District Mining District,

Pinal County, Arizona.

Section Approx. 22, Township 8 S., Range 18 E. Unsurveyed.

Surveyed under instructions dated Oct. 24th., 1916

by Paul E. Fernald

U. S. Mineral Surveyor.

Claim located See location notice, 1899.

Survey commenced Nov. 1st., 1916.

Survey completed Nov. 4th., 1916.

Address of claimant's Atty. John B. Wright
Tucson, Arizona.

DATES OF AMENDED LOCATIONS.

U.S. MINERAL SURVEY NO. 335I.

	COPPER REEF Lode.
	Beginning at Cor.No.1.
	A 1 inch galvanized iron pipe $4\frac{1}{2}$ feet long, set $1\frac{1}{2}$ feet in the ground with claw base and surrounded by monument of stones. Brass cap on pipe stamped U.S.Mineral Survey No.335I, 1 - Copper Reef.
	Whence U.S.L.M.No.3272 bears N $2^{\circ}20'E$, 1461.26 ft.
	old location monument of stones marking N.W.Cor. this lode bears N $42^{\circ}21'W$, 14.7 feet.
	bearing rock - granite in place properly marked bears S $33^{\circ}48'E$, 7.07 feet.
	Cor.No.1 Gulch Copper Lode, Sur.No.3272, bears N $53^{\circ}24'E$, 910.39 ft.
	thence S $23^{\circ}49'W$
170.00	Crosses center canyon running West.
300.00	West End Center - monument of stones 4 feet high, identical with location.
600.00	To Cor.No.2
	A 1 inch galvanized iron pipe $4\frac{1}{2}$ feet long with claw base, set $1\frac{1}{2}$ feet in the ground and surrounded with monument of stones. Brass cap on pipe stamped U.S.Mineral Survey No.335I, 2 - Copper Reef.
	Whence old location monument of stones marking S.W.Cor. this lode bears S $23^{\circ}49'W$, 9.62 feet.
	bearing rock - granite in place properly marked bears S $59^{\circ}48'E$, 8.30 feet.
	thence S $66^{\circ}11'E$
714.32	South side center - monument of stones identical with location.
750.00	Crosses center small gulch running S.E.
1464.32	To Cor.No.3.
	A 1 inch galvanized iron pipe $4\frac{1}{2}$ feet long with claw base, set $1\frac{1}{2}$ feet in the ground and surrounded with monument of stones. Brass cap on pipe stamped U.S.Mineral Survey

No.335I, 3 - Copper Reef.

Identical with S.E.Monument of location.

Whence bearing rock - granite in place properly marked
bears N 28° 46' E, 5.82 feet.

Thence N 23° 49' E

300.00 East End Center Monument of stones 3 feet high.

Whence old east end center monument of location bears
S 66° 11' E, 15.7 feet. Monument of stones.

600.00 To Cor.No.4.

A 1 inch galvanized iron pipe 4½ feet long with claw
base, set 1½ feet in the ground and surrounded with
monument of stones. Brass cap on pipe stamped U.S.

Mineral Survey No.335I, 4 - Copper Reef.

Whence old monument of stones marking N.E.Cor.of location
bears N 24° 0' E, 7.0 feet.

Whence bearing tree - oak 11" diam. properly scribed
bears S 60° 5' E, 25.52 feet.

Thence N 66° 11' W

750.00 North side center - monument of stones identical with
location.

1444.00 Crosses center canyon running south.

1464.32 To Cor.No.1, the point of beginning.

Magnetic Variation at all Corners 14° 45' E.

LODE LINE.

As near as can be determined from the present state of
development, the vein on which this location was made
extends N 66° 11' W, 714.32 ft., and S 66° 11' E, 750. ft.
from the discovery point.

LOCATION. This survey is located approx. in Section 22 ~~and 23~~,
T 8 S., R 18 E, G. & S.R.B. & M., Unsurveyed, in the Bunker
Hill Mining District, Pinal County, Arizona.

AREA. COPPER REEF LODE. 20.170 Acres.

IMPROVEMENTS:- I certify that the value of the improvements
made upon or for the benefit of this location by the
claimant or its grantors, is not less than Five Hundred
Dollars, and that such improvements consist of:-

U.S. MINERAL SURVEY NO. 3351.

- No. 1. The Discovery shaft, located on the center line S 66° 11' E 714.32 feet from the West End Center. Shaft 4x6 - 43 feet deep. Value \$430.00
- No. 2. Shaft 4x6 - 5½ feet deep, the center of which bears S 26° 45' W, 274.9 feet from the North Side Center (point 750. line 4 - 1) Value 27.50
- No. 3. Shaft 4x6 - 8 feet deep, the center of which bears S 27° 27' W, 252.3 feet from the North Side Center. Value 80.00
- No. 4. Shaft 4x6 - 10 feet deep, the center of which bears S 30° 9' W, 256.8 feet from the North Side Center. Value 100.00
- No. 5. Cut and tunnel - center of mouth of cut bears N 32 27' E, 214 feet from the South Side Center (point 714.32 line 2 - 3). Cut runs N 2° 0' E, 27.5 feet to 15 ft. face, thence tunnel N 2° 0' E, 69 ft connecting with shaft No. 1, thence 3 drifts:- Ist. N.W. 133.1 feet, 2nd. North 44.2 ft. 3rd. N.E. 46.5 ft. Section all 4½x6½. Value 3084.00
- No. 6. Cut, the center of mouth of which bears N 8° 36' W, 269.2 feet from the South Side Center. Cut runs N 35° 0' E, 62 feet, 3 ft. wide, to 15 ft. face. Value 400.00
- No. 7. Cut and tunnel - center mouth of cut bears N 81° 49' E, 269.5 feet from Cor. No. 2. Cut runs N 87° 42' E, 32 feet to 15 ft. face, thence tunnel as follows:-
 N 87° 42' E, 99.5 feet Sta. 1
 Sta. 1. S 87° 57' E, 141.3 " " 2.
 Sta. 2. S 75° 23' E, 63.2 " " 3.
 Sta. 3. S 81° 36' E, 47.1 " to point, whence cross-cut runs N 13° 24' E, 26 ft, thence N 31° 36' W, 20 ft. to face.
 Sta. 3. S 81° 36' E, 107.4 feet Sta. 4.
 Sta. 4. N 27° 0' E, 14.0 ft. to face cross-cut.
 Sta. 4. S 66° 23' E, 58.31 ft, Sta. 5.
 Sta. 5. N 41° 35' E, 70.5 ft. to face cross-cut.

Sta. 5. S 61° 0' E, 25.8 ft. to face cross-cut.
 " S 23° 45' E, 24.7 ft. " " " "
 " S 30° 5' W, 16.5 Ft. " " " "

All workings 6 feet wide and 6½ feet high.

Value \$10264.00

Note. Improvements valued at the rate of \$10. per foot for 4x6 ft section. This rather high-valuation for small workings due to the fact that rock is a hard granite and very difficult to drill and break.

Instrument. This survey was made with Buff & Buff special transit No. 7905. The courses were deflected from the true meridian as determined from direct solar observations. Distances were measured with 350 ft. steel tape.

Adjoining and Conflicting Claims:-

Aprox. the south half of this claim is in conflict with the Battle Axe Lode, Unsurveyed, C. Cristman, Claimant, the center of discovery shaft of which bears N 73° 23' W, 166. ft. from the South Side Center; and the aprox. North half is in conflict with the Audacious Lode, Unsurveyed, the center of discovery shaft of which bears S 37° 17' E, 270. ft. from Cor. No. I. Claimant of Audacious Lode is the Geo. Jewell Estate.

Copper Reef No. 2 Lode, unsurveyed, - Hawkins, Claimant, adjoins this survey on the West

Report:- U.S.L.M. No. 3272 is a 3 inch iron pipe, 12 feet above ground, surrounded by a large monument of stones, situated on a high peak N.E. from Sombrero Butte. Pipe is painted red and white in alternate feet, and stamped U.S.L.M. No. 3272.

Cor. No. I, Gulch Copper Lode, U.S. Mineral Survey No. 3272, is a 4x4 post, 4 ft. above ground, surrounded by monument of stones, and marked 3272, I - Gulch Copper.

All corners of unsurveyed claims - Battle Axe, Audacious and Copper Reef No. 2, marked with monuments of stones.

The difference between this claim as now bounded and described, and as formerly marked out and described in

located on peak

the location notice, is due to error in said notice, and to the fact that due to very steep grades it was difficult for the locators to correctly measure out and mark the boundaries of this claim. Corners located at a greater distance from the discovery point or center line than called for in location notice, were re-established in their true positions, and in no case were lines extended beyond their positions as described in the location notice or marked upon the ground.

Paul E. Fernald.

U.S. Mineral Surveyor

Tucson, Ariz.

Nov. 20th. 1916.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Paul E. Fernald
 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
Copper State Mining Company
 known as the "Copper Reef" Lode.
 and showing the respective capacities in which they acted.

- Arthur Shaffer , Chainman.
- , Chainman.
- , Axman.
- , Flagman.

FINAL OATHS OF ASSISTANTS.

~~WX~~ I, Arthur Shaffer
 and , do solemnly swear that ~~we~~ assisted Paul E.
Fernald , United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Copper State Mining Company
 known as the "Copper Reef" Lode
 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 ~~my~~ ^{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.

- Arthur Shaffer , Chainman.
- , Chainman.
- , Axman.
- , Flagman.

Subscribed and sworn to by the above-named persons before me this 6th
 day of November, 1916

Arthur Shaffer
 Notary Public
 Pima Co Ariz

*my comm exp.
 Jan 5. 1919.*

(4-686.)

FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, Paul E. Fernald, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Oct. 24th. 1916, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of Copper State Mining Company, known as the COPPER REEF Lode, situate in Punker Hill Mining District, Pinal County, Arizona, in Section Approx. 22, Township No. 8 S., Range No. 18 E., Unsurveyed and designated as Survey No. 3351, 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.

Paul E. Fernald
 U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Paul E Fernald
 U. S. ~~Deputy~~ Mineral Surveyor, before me _____
 this 6th
 day of November 1916,

Amosson
 Notary Public
 Pima Co. Ariz.

My comm. exp
 Jan 5 1919

NOTICE OF MINING LOCATION,
Quartz Claim.

J. 24. 1916

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the COPPER REEF 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 JOHN SCANLON, the undersigned, on the 25th day of September, 1899.

The length of this claim is 1500 feet and he claims 750 feet in a_ easterly direction, and 750 feet in a westerly 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 easterly to the westerly.

The claim is situated and located in the Bunker Hill Mining District, in Pinal County, in the Territory of Arizona, about a mile in a_ easterly direction from Sombrero Butte.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a Monument of stone at a point _____ in an easterly direction 750 feet from the discovery shaft, at which this notice is posted, being in the center of the east end line of said claim; thence 300 feet S. to a stone monument, being the S. E. corner of said claim; thence W. 750 feet to a monument at the center of the south side line of said claim; thence west 750 feet to a monument, being at the S. W. corner of said claim; thence north 300 feet to a monument at the center of the west end of said claim; thence north 300 feet to a monument, being at the northwest corner of said claim; thence east 750 feet to a monument being at the center of the north side line of said claim; thence east 750 feet to a monument, at the N. east corner of said claim; thence south 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 Arizona, entitled "An Act Concerning Mines", approved March 20th, 1895.

Dated and posted on the ground this 25 day of Sept. 1899.

John Scanlon,

Frank Weber.

August Kegel,
Witness.

Filed and recorded at the request of John Scanlon, on the 28th day of September, 1899, at one o'clock P. M.

F. A. Chamberlin, Recorder,

Thos. G. Peyton, Deputy.

STATE OF ARIZONA,)
County of Pinal,) ss,

I, W. L. BROWN, County Recorder, in and for the County of Pinal, State of Arizona, do hereby certify, that the within and foregoing, is a full, true and correct of Notice of Mining Location, of the Copper Reef Mining Claim, as the same appears of record in my office, in Book No. 16 of Mines, at page 415; that I have compared the same with the original record and that the same is a true transcript and of the whole thereof.

GIVEN under my hand and seal of office, this 21st day of October, 1916.

W. L. BROWN, Recorder,

By

McBenscoe
Deputy.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

May 4, 1917

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

COPPER STATE MINING COMPANY

known as the COPPER REEF LODE

situate in BUNKER HILL

Mining District, PINAL County, ARIZONA.

in Section approx. 22, Township No. 8 S., Range No. 18 E., unsur., and designated as Survey No. 3351

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 4 shafts, 3 cuts, 2 tunnels, 3 drifts and 6 crosscuts, total value \$14,385.50

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 P. Trott,

United States Surveyor-General for Arizona.

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.

May 4, 1917.

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

COPPER STATE MINING COMPANY

, known as the

COPPER REEF LODGE

situate in BUNKER HILL mining district,

PINAL County, ARIZONA.

in Section approx. 22, Township No. 8 S., Range No. 18 E., unsur.

, designated as Survey No. 3351

executed by Paul E. Fernald, U. S. Deputy Mineral

Surveyor, Nov. 1-4, 1916, under my instructions dated

Oct. 24, 1916, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.

[Handwritten signature]

U. S. Surveyor-General for Arizona.

U.S. Mineral Survey No. 3351.

do not copy

Direct Solar Obs. for Meridian.

Weds. Nov. 1. 1916, 10.30 A.M. Lat. = N 32° 44' ²/₃

Reflections from Random Line. (Aprox. N 55° W).

Direct. L 154° 50' ¹/₂. A = 37° 31'. Ref. Cor. = -1'.

Reverse. L 152° 48'. A = 38° 16'. " " = -1'.

Decl. = S 14° 25' 21.2"	48.13
4' 24.7	5 ¹ / ₂
<hr/>	24.06
14° 29' 45.9"	240.65
<hr/>	264.71" = 4' 24.7"

Direct. Cos. $\phi = - \sin. 14° 29' \frac{3}{4} = 9.398478$ ✓ $\tan. 32° 44' \frac{2}{3} = 9.808268$ ✓

$\cos 32° 44' \frac{2}{3} = \frac{9.924843}{9.473635}$ ✓ $\tan. 37° 30' = 9.884980$ ✓

$\cos 37° 30' = \frac{9.899467}{9.574168}$ ✓ 9.693248 ✓

.37512 ✓

 .49346 ✓

.86858 = Nat. Cos. $\frac{154° 50' \frac{1}{2}}{29° 42' \frac{1}{3}}$ ✓

 125° 8' ¹/₂ ✓

 N 54° 51' ⁵/₂ W. ✓

Reverse

9.473635 ✓ 9.808268

$\cos 38° 15' = \frac{9.895045}{9.578590}$ ✓ $\tan 38° 15' = \frac{9.896712}{9.704980}$ ✓

.37896 ✓

 .50697 ✓

.88593 = Nat. Cos. $\frac{152° 48'}{27° 38'}$ ✓

 125° 10' ✓

 N 54° 50' W ✓

Average = N 54° 51' W ✓

Mr. Frank P. Trott,
U. S. Surveyor General,
Phoenix, Arizona.

Sir:

With regard to the discrepancy between certain lines of my survey No. 3351, Copper Reef Lode, as reported by me, and as reported by Mr. M. M. Carpenter, in connection with his survey No. 3409, Battle Axe Lode:

I beg to report that on December fifth and sixth I retraced my lines of survey No. 3351 and found same to be as follows:

Line 1 - 2	S 23° 45' W.	(596.18 ft.)
" 2 - 3	S 66° 4' E.	(1464.00 ft.)
" 3 - 4	N 23° 45' E.	(600.00 ft.)
" 4 - 1	N 66° 13' W.	(1464.00 ft.)

Tie Cor. No. 1 to U.S.L.M. No. 3272

N 2° 15½' E. 1463.70 ft.

Tie Cor. No. 1 to Cor. No. 1, Gulch Copper Lode Sur.No.3272

N 53° 21½' E. 911.67 ft.

Paul E. Fernald.
U. S. Mineral Surveyor.

STATE OF ARIZONA,)
County of Pima.) ss.

Before me, J. J. O'Dowd, a Notary Public in and for the County of Pima, State of Arizona, personally appeared Paul E. Fernald, known to me, who being duly sworn declared upon his oath that the foregoing statements true of his own knowledge.

Paul E. Fernald.

Subscribed and sworn to before me this eleventh day of December, 1917.

My commission will expire June 6, 1920.

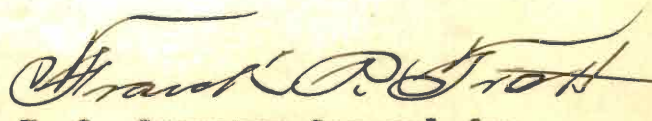
J. J. O'Dowd
Notary Public.

DEPARTMENT OF THE INTERIOR,
Office of U. S. Surveyor General,
Phoenix, Arizona,
January 14, 1919.

I, Frank P. Trott, U. S. Surveyor General for the District of Arizona, do hereby certify that Five Hundred (\$500.00) Dollars' worth of labor has been expended or improvements made, by the claimant or its grantors, upon the Audacious lode mining claim, which is in conflict with the Copper Reef lode, Mineral Survey No. 3351, situated in the Bunker Hill Mining District, Pinal County, Arizona, and that said improvements consist of one shaft with workings, i. e., 6 drifts, 5 crosscuts and 1 winze, value \$8300, and 1 cut and tunnel, value \$1260. As the said shaft and its workings constitute a common improvement for the benefit and development of the Audacious claim and eight other claims, unsurveyed, owned by the same claimant, viz., the Kin Sabie, Lookout, Comet, Bagdad, Tuesday, Sunday, Hot Foot Johny and Butte lodes, shown on the accompanying map "A", an undivided one-ninth interest therein, value \$922.22, is properly credited to each of the said nine claims, which leaves a total of \$2182.22 now applied to the Audacious claim, no portion of which has been included in the estimate of expenditures upon any other claim.

I further certify that the lode line on the Audacious lode extends N. 80° 27' W. 278.70 ft., and S. 80° 27' E. 1092 ft. from the discovery shaft, as shown on the accompanying map "B".

A copy of the report, dated January 11, 1919, of Harry E. Jones, U. S. Mineral Surveyor for Arizona, which specifically describes and locates the above improvements and lode line, and on which this certificate is based, is hereto attached.



U. S. Surveyor General for
Arizona.

COPPER REEF LODGE SURVEY NO. 3351

JAN 13 1919

In conflict with
AUDACIOUS LODGE, UNSURVEYED.

 LODGE LINE

As near as can be determined from the present development the vein of the AUDACIOUS lode extends as follows from the discovery shaft: S.80°27'E. 1092.0 ft. and N.80°27'W. 278.70 ft.

 EXPENDITURE OF FIVE HUNDRED DOLLARS

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

No.1 discovery shaft 5x6x92 ft. deep, bears S.80°27'E. 278.70 ft. from the West end center, of the AUDACIOUS lode.

At the 34 ft. level in the above shaft, a drift runs East 5x7x4 ft. from which point a cross-cut runs North 5x7x32 ft. and from the 21 ft. point in this cross-cut, a cross-cut runs N.51°37'W. 5x7x31 ft. from which point a drift runs S.53°10'W. 6x8x9 ft. and N.53°10'E. 5x7x20 ft. At the above 21 ft. point in cross-cut a winze is sunk 4x6x22 ft. from the bottom of which drifts extend S.75°25'W. 4x6x9 ft. and N.75°25'E. 4x6x9 ft. and a cross-cut runs N.16°17'W. 5x7x22 ft.

At the 88 ft. level in the shaft, a drift runs 5x7x7 ft. East, from which point a cross-cut runs N.10°05'E. 6x9x32 ft. and at the 19 ft point in this cross-cut, a cross-cut runs N.63°30'W. 6x9x43 ft.

Total Value \$ 8300.00

An undivided 1/9th. interest is accredited to this claim.

Value \$ 922.22

This shaft being advantageously located, from a geological and geographical standpoint, is a practical and feasible main working shaft for the group of claims owned by the claimant, and consisting of the Audacious, Kin Sabie, Lookout, Comet, Bagdad, Tuesday, Sunday, Hot Foot/^{Johnny,} and Butte lodes all unsurveyed; as by drifting and cross-cutting therefrom in different directions towards and under the several

the several claims of this group, the entire group may be advantageously developed and ore extracted therefrom.

The general slope of the surface of these claims is upward to the North, East and West, from this shaft which is centrally located toward the South side of this group. The shaft at its present depth, the bottom of which is below the surface of each claim of this group, making it possible by extending the present cross-cuts and drifts from this shaft and intersecting the ore bodies lying under each claim.

This improvement is, therefore, a common improvement for the benefit of each claim of this group and a 1/9th. undivided interest of the total value of this improvement (\$922.22) is accredited to each claim of the group.

No.2 Cut 6x18x14 ft. and tunnel 5x6.5x78 whose bearing is S.64° 30'E. and which bear N.56°35'E. 135 ft. from the West End Center of the AUDACIOUS lode.

Value \$ 1260.00

Harry E. Jones
U. S. Mineral Surveyor.

State of Arizona)
County of Maricopa) ss.

Subscribed and sworn to by said Harry E. Jones, before me a Notary Public in and for the County of Maricopa, State of Arizona, this 11th. day of January, 1919, A. D.

W.S. Norvid
Notary Public.

My commission expires July 3rd. 1921.

AMENDMENT TO FIELD NOTES
of
MINERAL SURVEY NO. 3351, COPPER REEF LODE.

Beginning at point on line 1-4 Copper Reef lode, Mineral Survey No. 3351, at point S. 66° 14' E. 42.30 ft. from Cor. No. 1, thence S. 23° 28' W. 464.94 ft. to the S. W. Cor. of the Audacious lode, thence S. 80° 27' E. 1370.70 ft. to the S. E. Cor. said Audacious lode, thence N. 23° 28' E. 127.99 ft. to a point on line 4-1 said Copper Reef lode, 91.47 ft. from Cor. No. 4, thence along said line 4-1, N. 66° 14' W. 1330.48 ft. to the place of beginning, containing 9.055 acres.

I certify that the above and foregoing correctly describes the land awarded to the adverse claimant, Sombrero Butte Copper Company, by judgment roll of the Superior Court of Pinal County, Arizona, dated September 30, 1918, and that the plats of survey have been amended in red ink, in accordance therewith.


U. S. Surveyor General
for Arizona.

Phoenix, Arizona,
May 31, 1919.