

Copied 5-16-1919,

A L H

4-683

AUG 14 1918

1

MINERAL SURVEY No. 3522

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

R. H. Hawkins and A. F. Hawkins,

KNOWN AS THE

COPPER REEF NO. 2 lode,

Bunker Hill Mining District,

Pinal County, Arizona.

Section 22 (approx.), Township 8 S., Range 18 E. Unsur. G&SRB&M.

Surveyed under instructions dated June 13th., 1918.

by Harry E. Jones, U. S. Mineral Surveyor.

Claim located see location notice, 19 14.

Survey commenced July 16th., 1918.

Survey completed July 17th., 1918.

Address of claimant Kibbey, Bennett, & Curtis, Attys. Phoenix, Arizona.

DATES OF AMENDED LOCATIONS.

Feb. 6th. 1918.

SURVEY NO. 3522

Feet

COPPER REEF NO. 2 lode.

Beginning at Cor. No. 1

Identical with location monument, and on S. side line Hot Foot lode (uns).

A 3 ft. 1 in. iron pipe stamped CRNO-2-1-3522, set 12 ins. in ground, and surrounded with a substantial mound of earth and stone.

Cor. 1 Copper Reef lode Sur.No.3351, bears N.58°20'E. 45.16 ft.

U.S.L.M. No. 3272, bears N. 3°42' E. 1489.01 ft.

No other bearings available.

Thence S. 18° 29' W.

122.00 N bank of wash course SW.

160.00 S bank of wash course SW.

272.64 To East End Center.

The location monument bears N.18°29'E. 10.0ft.

A substantial mound of stone.

277.27 Intersect line 1-2 Copper Reef lode, Sur.No.3351, N.23°47'E.   
 282.72 ft. from Cor. 2, 141.41 ft. from intersection with line 1-2 Battle Axe lode, Sur. No. 3409,   
 162.25 ft. from intersection with north line and 192.29 ft. from intersection with west line Tract A, Copper Reef location.

416.18 Intersect line 1-2 Battle Axe lode Sur.No.3409, S. 79°44'E. 6346   
 ft. from Cor. No. 1, and 13.19 ft. from intersection with line 1-2 Copper Reef lode, Sur.No.3351.

429.42 Intersect N side line "Tract A" Copper Reef location, N.76°   
 23'E. 36.68 ft. from N.W. Cor., and 17.70 ft. from intersection with line 1-2 Copper Reef lode, Sur.No.3351.

514.66 Intersect W end line "Tract A" Copper Reef location, S. 6°49'E   
 72.72 ft. from N.W. Cor., and 43.09 ft. from intersection with line 1-2 Copper Reef lode, Sur.No.3351.

561.29 Intersect line 2-3 Copper Reef lode Sur.No.3351, S. 66°02'E.   
 26.24 ft. from Cor. No. 2.

572.64 To Cor. No. 2

Identical with location monument.

A 3 ft. 1 in. iron pipe stamped CRNO-2-2-3522 set 12 ins. in ground and surrounded with a substantial mound of earth and stone.

The NW. Cor. "Tract A" Copper Reef location bears N.4°23'E. 127.57 ft.

Cor. 1 Battle Axe lode, Sur.No.3409, bears N.4°36'W. 160.22 ft.

Cor. 2 Copper Reef lode, Sur.No.3351, bears N.43°32'50"W. 29.57 ft.

The NE. Cor. Mexican Camp lode (uns) bears N.50°22'40"W. 441.56 ft.

No other bearings available.

Thence N. 67° 14' W.

Feet  
 30.00 ~~Intersect Wit. East End Center Mexican Camp lode (uns)~~  
 identical with Loc. Mon. Cor. 2 Copper Reef lode, Sur. No. 3351.  
 on N bank of wash course SE.

32.18 Intersect line 4-1 Battle Axe lode, Sur. No. 3409, S. 6° 31' W.  
 148.21 ft. from Cor. No. 1.

175.23 Intersect East End line Mexican Camp lode (uns), S. 39° 52' E.  
 278.53 ft. from N. E. Cor.

240.00 W. bank of wash course SE.

528.32 Intersect NW. side line Mexican Camp lode, (uns), S. 62° 19' W.  
 166.05 ft. from N. E. Cor.

565.00 Cross 10 ft. wash course SE.

1500.00 To Cor. No. 3.  
 A 3 ft. 1 in. iron pipe stamped CRNO-2-3-3522 set 12 ins.  
 in ground and surrounded with a substantial mound of earth  
 and stone.  
 The location monument bears N. 72° 50' W. 130.0 ft.  
 Thence N. 18° 29' E.

280.00 Cross 5 ft. wash course NE.

300.00 To West End Center.  
 A substantial mound of stone.  
 The location monument bears N. 81° 15' W. 88.3 ft.

430.00 Cross 5 ft wash course SE.

600.00 To Cor. No. 4  
 A 3 ft. 1 in. iron pipe stamped CRNO-2-4-3522, set 12 ins.  
 in ground and surrounded with a substantial mound of earth  
 and stone.  
 The location monument, identical with the SW. Cor. Hot Foot  
 lode (uns) bears N. 66° 09' W. 48.6 ft.  
 No other bearings available.  
 Thence S. 66° 09' E.  
 Along S. side line Hot Foot lode (uns).

1502.85 To Cor. No. 1; the place of beginning.  
 Mean magnetic variation at all corners 14° 42' E.

ADJOINING CLAIMS.

On the North, Hot Foot lode, unsurveyed, Sombrero Butte  
 Copper Co., claimant.  
 On the East, Copper Reef lode, Sur. No. 3351, and Battle  
 Axe lode, Sur. No. 3409.  
 On the South, Mexican Camp lode, unsurveyed, claimant  
 unknown.

LODE LINE

As near as can be determined from the present developments the vein of the location embraced in this claim extends as follows from the discovery point:

S. 67° 14' E. 443.0 ft. and N. 67° 14' W. 1057.0 ft.

AREA

Total area Copper Reef No. 2 lode, 20.136 Acres

Area in conflict with---

Copper Reef lode, Sur. No. 3351, 0.085

Mexican Camp lode (uns), 0.519

Battle Axe lode, Sur. No. 3409, 0.165

Battle Axe lode, Sur. No. 3409, exclusive

of conflict with Copper Reef lode,  
Sur. No. 3351, 0.101

Battle Axe lode, Sur. No. 3409 exclusive of conflict  
with Tract A, Copper Reef location, .135

"Tract A" Copper Reef location, inclu-

~~sive of conflicts with Copper Reef~~

~~lode, Sur. No. 3351, and Battle Axe lode,~~

~~Sur. No. 3409,~~ 0.030

Tract A, Copper Reef location, exclusive of  
conflict with Copper Reef lode, Sur. No. 3351, 0.006

LOCATION

This survey is located in approximately the NW $\frac{1}{4}$  of Section 22 (uns) T. 8 S. R. 18 E., <sup>Unsur,</sup> G&SPB&M. In the Bunker Hill Mining District; Pinal, County, Arizona.

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 said mining claim by the claimants, or their grantors is not less than Five Hundred dollars, and said improvements consist of:

No. 1 Dis. Shaft 4x6x40 ft, deep bears N. 67° 14' W. 443.0 ft. from the East End Center.

Value \$ 550.00

No. 2 shaft 4x6x8 ft. deep bears N. 61° 55' W. 439 ft. from the East End Center.

Value \$ 80.00

No. 3 Cut 5x16x4 ft. facing W., <sup>mouth</sup> bears N. 61° 55' W. 558 ft. from the East End Center.

Value \$ 80.00

No. 4 shaft 4x6x7 ft. deep bears N.70°22'W. 459 ft. from the East End Center.

Value \$ 70.00

No. 5 Cut 6x24x13ft and tunnel 4x6x91 ft. bears N.23°28'W. at 32 ft. point from cut portal a 4x6x10 ft cross-cut bears S.66°32'W. the cut portal bears N.88°37'W. 336.3 ft. from the East End Center.

Value \$1250.00

No. 6 cut 6x18x10 ft. facing S. <sup>mouth</sup> bears S.69°52'E. 630.0ft. from the West End Center:

Value \$ 100.00

NO OTHER IMPROVEMENTS

#### INSTRUMENT

This survey was made with a light mountain W. & L. E. Gurley Transit. The courses were deflected from a true meridian as determined by a Polaris observation July 16th. 1918. The distances were measured with 50 ft and 600 ft steel tapes.

#### REPORT

The lode line of the location of this claim was run directly upon the ground and the corners established by means of off-sets from the lode line. All tie lines were run directly upon the ground.

The U.S.L.M.No.3272 is a 3 inch iron pipe 12 ft. high, set in a substantial mound of stone, and properly marked.

The Copper Reef lode, Sur.No.3351, is in error, in that it does not follow the original location monuments of the Copper Reef lode location; the position of the NW.Cor. of which is correctly shown on the accompanying plat and described in these field notes as "Tract A", <sup>Copper Reef location.</sup> this NW.Cor. monument along with the west End Center and SW. SE. and NE. corner monuments were identified upon the ground by MR. Frank

Weber one of the locators of the Copper Reef lode. The course of the East end line of the Mexican Camp lode, unsur, was determined by connecting the N.E. & S.E. Cors thereof. The end center used by M.M.Carpenter in determining the course of the end line of said Mexican Camp lode, in connection with his Sur.No.3409, has been destroyed.

*Harry E. Jones*  
U. S. Mineral Surveyor.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Harry E. Jones  
 United States 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 \_\_\_\_\_  
R. H. Hawkins and A. F. Hawkins  
 known as the Copper Reef No 2 lode  
 and showing the respective capacities in which they acted.

A. A. Burley \_\_\_\_\_, Chainman.  
Scott Whitlock \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, A. A. Burley  
 and Scott Whitlock \_\_\_\_\_, do solemnly swear that we assisted \_\_\_\_\_  
Harry E. Jones \_\_\_\_\_, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of \_\_\_\_\_  
R. H. Hawkins and A. F. Hawkins  
 known as the Copper Reef No 2 lode  
 represented in the foregoing field notes as having been surveyed by said 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 instruc-  
 tions furnished by the United States Surveyor-General for Arizona.

A. A. Burley \_\_\_\_\_, Chainman.  
Scott Whitlock \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman

Subscribed and sworn to by the above-named persons before me this 19<sup>TH</sup>  
 day of July \_\_\_\_\_, 1918.

Geo. P. Jacobson  
 Notary Public

*My commission expires Sept. 30<sup>TH</sup> 1919.*

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Harry E. Jones, U. S. Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the United States  
Surveyor General for Arizona, dated  
June 13<sup>th</sup> 1918., 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 R.H. Hawkins and A.F. Hawkins  
, known as the  
Copper Reef No 2 lode  
situate in Bunker Hill Mining District,  
Pinal County, Arizona, in Section  
Approx. 22, Township No. 85, Range No. 18 E (Uns) G & S. R. B & M.  
and designated as Survey No. 3522, 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 per-  
petuated in strict accordance with the law, official regulations and instructions there-  
under; 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 claimants or their 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.

Harry E. Jones  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Harry E. Jones  
U. S. Mineral Surveyor, before me a Notary Public in and for County of Pinal  
State of Arizona this 19<sup>th</sup>  
day of July, 1918.

J. P. Jacobson  
Notary Public

*My commission expires Sept. 30<sup>th</sup> 1919,*

Jun. 1. 1918

RECORDER'S CERTIFICATE.

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 following is  
a full, true and correct copy of Amended Location Notice  
of Copper Reef No. 2 Mining Claim by R. H. & A. F. Hawkins,  
as the same appears of record in my office in ~~35~~  
Book No. 35 of Mines  
at page 269 thereof, or under file No. ---  
--- File of ----- ;  
that I have compared the same with the original  
record and that the same is a true transcript and  
of the whole thereof.

IN WITNESS WHEREOF, I have hereunto  
set my hand and affixed the seal of my office,  
this 4tg day of June, 1918, at  
Florence, the County Seat.

W. L. BROWN,  
County Recorder,  
By *McRenscoe*  
Deputy Recorder.



AMENDED

# Notice of Mining Location

## LODE CLAIM

### To All Whom it May Concern:

This Mining Claim, the name of which is the **Copper Reef No. 2** 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

**R. H. Hawkins and A. F. Hawkins**, both citizens of the United States, the undersigned, on the **6th day of February, 1918.**

The length of this claim is **1500** feet,  
and we claim **475** feet,  
in a **n easterly** direction and **1025**

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

**east to the west**

The claim is situated and located in the **Bunker Hill** Mining District, in  
Pinal County, in the State of Arizona, about **1/4 mile**

in a **northerly** direction from **Sombbrero Butte**, this notice is  
made for the purpose of amending original notice of Location of this  
claim, dated Jan. 24th, 1914, and recorded in Book G. of Mines,  
(page 467), in the office of the County Recorder of Pinal County, Arizona,  
and in order to correct errors in said notice to conform with marked  
boundaries on the ground.

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 **475** feet from  
the discovery shaft (at which this notice is poseted), being in the center of the **easterly**  
end line of said claim; thence **southerly 300** feet to a **stone monument**  
, being the **southeast** corner of said claim; thence  
**westerly 1500** feet to a **stone monument**, being at the  
**southwest** corner of said claim; thence **northerly 300** feet  
to a **stone monument** at the center of the **westerly** end of said claim;  
thence **northerly 300** feet to a **stone monument**, being at the  
**northwest** corner of said claim; thence **easterly 1500**  
feet to a **stone monument** at the **northeast** corner of said claim;  
thence **southerly 300** feet to the place of beginning.

All done under the 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 grounds this **6th day of February, 1918.**

Witness, **E. C. Hight,**  
**W. L. Brown.**

**R. H. Hawkins,**  
**A. F. Hawkins.**

Filed and Recorded at the request of **F. W. McQuiston**, Feb. 9th, 1918, at  
**nine o'clock A. M.** **W. L. Brown**, Recorder,

Recorded in Book **35** of Mines, p. 269. **By M. O. Benscoe**, Deputy.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

May 23, 1919

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

R. H. Hawkins and A. F. Hawkins

known as the Copper Reef No. 2 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. 3522, 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<sup>s</sup> or their grantors, and that said improvements consist of 3 shafts, 3 cuts, 1 tunnel and 1 crosscut, total value \$2130.

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 23, 1919

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

R. H. Hawkins and A. F. Hawkins

, known as the

Copper Reef No. 2 lode.

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. 3522

executed by Harry E. Jones, U. S. Mineral

Surveyor, July 16-17, 1918, under my instructions dated

June 13, 1918, 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. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and made

a part of the transcript of the field notes.



U. S. Surveyor General for Arizona.