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# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, H. D. Hannah and B. M. Marton,  
do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally-pins, either 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 measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Mining Claim of

Salomon Springs Copper Co  
known as the ~~Warren~~ Copper Reef  
situate in Warren mining district  
Cochise County, Arizona  
in Section 30, Township No. 23S, Range No. 24E G & S. R. B & M.

B. M. Marton, Chainman.  
H. D. Hannah, Chainman.

Subscribed and sworn to by the above-named persons before me this 5th day of March, 1903

D. Kinsey  
(My commission expires Sept. 9, 1903) Notary Public

I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of axman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of \_\_\_\_\_  
known as the \_\_\_\_\_  
more fully described in the preceding affidavit.

\_\_\_\_\_, Axman.  
Subscribed and sworn to by the said \_\_\_\_\_  
\_\_\_\_\_ before me this \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_

I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of flagman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of \_\_\_\_\_  
known as the \_\_\_\_\_  
more fully described in the preceding affidavit.

\_\_\_\_\_, Flagman.  
Subscribed and sworn to by the said \_\_\_\_\_  
\_\_\_\_\_ before me this \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_

Copper Reef.

*Sur.* 1748

Beginning at cor. No. 1 N.W. cor. , identical with Locat  
A pine post 4 ft. long 4 in. sq. set 1 ft. in the ground  
in a mound of stones and scribed, 1- 1748, C.R.

Whence a rock in place 1X1X2 ft. chiseled X1-1748,  
B.R. brs. N. 70° 20' E. 99.5 ft. and S.W. cor.  
N.W. 1/4 sec. 30 tp. 23S. R. 25E. G&S.R.B.&M. brs.  
N. 83° 27' E. 783 ft.

Thence S. 72° 20' W.

600.00 To pine post in a mound of stones, identical with locat.  
for W. end cen ter

1154.00 Same bearing to cor. No. 2, S.W. cor. identical  
with locat. A pine post 4 ft. long 4in. sq. set  
1 ft/ in the ground in a mound of stones and scribed  
2- 1748, C.R.

Whence a rock in place level with the surface 2 X 3 ft.  
brs. N. 3° 18' W. 113 ft' chiseled X2- 1748 B.R.

Thence S. 76° 22' E.

1500.00 To cor. No. 3 the S.E. cor. identical with locat.  
and with cor. NO.<sup>2</sup> copper point Lode No. 1729  
A pine post 4 ft long 4 in. sq. set 1 ft. in the ground  
in a mound of stones and scribed 3- 1748 C.R.

Whence a rock in place 1 X 2X 3 ft. chiseled X3- 1748 B.R  
brs. N. 15° 30' E. 56.8 ft.

Thence N 72° 20' E.

445.00 To intersection the W. line with sec. 30 township 23 S,  
range 25 E. G&SRB&M at S. 60<sup>3</sup>.6 ft. from the N.W. cor.  
*(659.4)*  
*(1580.6)*  
& N 2036.4 ft. from the S.W. cons. W 1/4 said sec. 30

564.00 Same bearing to pine post in a mound of stones,  
identical with locat. for E. and center

1154.00 Same bearing to cor. No. 4<sup>the</sup> N.E. cor. identical  
with locat. and with cor. No. 1 Copper Point Lode No.

1729, a pine post 4 ft. long, 4 ins. sq. set in the ground in a mound of stones scribed 4-1748 C.R.

Whence a rock in place 1 ft. high 2 ft. sq. chiseled  
X4- 1748 B.R. brs. S. 86° 25' W. 97.2 ft.

Thence N. 76° 22' W.

695.10 To intersection W line sec 30 township 23 S range 25 E.

(279.04)

(2360.96)

1500.00 at S. 224 1/2 ft. from the N.W. cor. S.W. 1/4 ~~of~~ N 2415.4 ft.  
from the S.W. cor said sec 30  
Same bearing to cor. No. 1 the place of begining

Ledge

presumed course of the mineral bearing <sup>vein</sup> on this claim  
is from the E. end center of location N 76° 22' W.

1500.00 ft. Improvements

I certify that the value of the labor and improvements  
on this claim, placed thereon by the claimant or their  
grantors is not less than 500.00 dollars and that said  
improvements consist of :-

- No.1. Discovery shaft 4 X 6 X 10 ft brs. from cor. No. 4  
S. 76° 55' W. 670 ft. \$100.00
  - No. 2. Shaft 4 X 6 X 10 ft. brs. from same point S. 80° 30' W.  
290 ft. \$100.00
  - No. 3. Open cut, course S. 3° E. 4 X 25 X 10 ft. brs. from  
same point S. 88° 28' W. 1059 ft. \$ 200.00
  - No. 4. Open cut course S. 4 X 10 X 20 ft. brs. from same point  
N. 79° 30' W. 1018 ft. \$ 160.00
  - No. 5 Shaf 4 X 6 X 10 ft. brs. from cor. No. 1 S. 8° 55' W.  
580 ft. \$ 100.00
- Total Improvements Copper Reef Lode \$ 660.00

Area

Total and Net Area Copper Reef Lode . . . . . 20.645 Acres

Adjoining Claims.

- North Claims and Owners unknown
- East Copper Point No. 1729, owned by applicants herein
- South Caretto Claims
- West Caretto Claims

—LOCATION—

This claim lies about 3 1/2 miles S.E. of Bisbee in the  
Warren Mining District Cochise Co. Arizona.  
In section 30 township 23 S. range 25E. G&SRB&M and in  
unsurveyed section 25 township 23S. range 24E.

Instrument

The survey was made with a Lietz Mountain and Mining Tra-  
nsit, the courses were deflected from the true meridian  
as determined by solar observations, checked by an  
obse rvation on Polaris magnetic variation 12° 15' E.  
Bisbee Arizona,  
March 1 1903.

S. C. Cloud  
U.S. deputy min. surveyor.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES

A list of the names of the individuals employed by Geo. C. Clark  
 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 Solomon Springs Copper Co  
 known as the Copper Reef  
 and showing the respective capacities in which they acted.

B. M. Marton, Chairman.  
H. D. Hannah, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, B. M. Marton  
 and H. D. Hannah, do solemnly swear that we assisted  
Geo. C. Clark, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of Solomon Springs  
Copper Co

\_\_\_\_\_ known as the Copper Reef, 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

B. M. Marton, Chairman.  
H. D. Hannah, Chairman.  
 \_\_\_\_\_, Axman  
 \_\_\_\_\_, Flagman.

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

this 8th day of March, 1903

(My Commission Expires Sep. 9, 1903) B. Kinsey  
 Notary Public

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Geo. C. Clark, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for ARIZONA, dated December 29<sup>th</sup> 1903, 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 Solomon Springs Mining Co by N. C. H. Palmer, Authorized Agent, known as the

situate in Warren Mining District, Cochise County, ARIZONA, in Section 30, Township No. 23 S, Range No. 26 E G & S. R. B & M and designated as Survey No. 1748 ~~1748~~, 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.

Geo. C. Clark  
 U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Geo. C. Clark  
 U. S. Deputy Mineral Surveyor, before me \_\_\_\_\_  
 this 8<sup>th</sup>  
 day of March 1903,

J. D. Kinsey  
 Notary Public.  
 (My Commission Expires Sept. 9, 1903)

Affidavit of Five Hundred Dollars Improvements:

We, B. N. Norton, and B. N. Norton

of lawful age, being first duly sworn according to law, depose and say: That we

are acquainted with the Copper Reef mining claim,

situate in Warren Mining district, Cochise County,

Arizona Territory, for which Solomon Springs Copper Co., by

H. C. H. Palmer, Authorized Agent

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 improve-

ments made thereon by the applicant and their grantor exceed Five Hundred

Dollars in value, and further that we are not personally interested in said mine.

B. N. Norton

H. D. Hannah

TERRITORY OF ARIZONA,

County of Cochise

} ss:

Sworn to and subscribed before me, this 8<sup>th</sup>

day of March, 1903



My Commission Ex.  
Sept. 9, 1903.

W. L. Kinsey  
Notary Public



Amended Location of the Copper Reef Mine; notice is hereby given that the undersigned, under & by virtue of the provisions of Section 3238, Revised Statutes of Arizona 1901 have this day amended the location notice of the Copper Reef Mine filed and recorded on the 28th day of March 1901 in Book 13 Page 273 Records of mines, Cochise County, Arizona, amended file & recorded on the 9th day of April in Book 20 Page 176 Records of mines, Cochise County records to read as follows to-wit: — **Notice of Mining Location.** 8

QUARTZ CLAIM.

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

Salomon Springs Copper Co

by the undersigned, on the 7th day of November 1902

The length of this claim is 1500

feet and WE claim 50

feet in a S. Easterly direction and

1450 feet in a N. 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 N. W.

to the S. E.

The claim is situated and located in the W. area Mining District, in

Cochise County, in the Territory of Arizona, about 2 1/2 miles

in a N. W direction from Glance Station & lies on N. base of

Dugloss Mountain & is bounded on S. by Copper Reef & on N. by State Claims

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

A mound of stones

at a point in a S. E. direction 50 feet from

the discovery shaft (at which this notice is posted), being in the center of the S

end line of said claim; thence N. Easterly 577 feet to a monument & post

being the S. E corner of said claim; thence N. Westerly 1500

feet to a mon & post being at the N. E.

corner of said claim; thence S. Westerly 577 feet to a monument of stone

being the center of the N end of said claim; thence 577

feet to a mon & post, being at the N. W.

corner of said claim; thence S. Easterly 1500 feet to a monument & post

at the S. W corner of said claim; thence N. Easterly 577

feet to the place of beginning.

All done under the provisions of Chapter Six of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to <sup>consolidating mines, approved March 20th 1895</sup> amend and Revise the Laws of the Territory of Arizona," approved March 16th, 1901, <sup>amended March 2nd 1899 & March 16 - 1901</sup>

Dated and posted on the ground this 7th day of November 1902

Witnesses to location

Geo. L. Clark

Salomon Springs Copper Co  
by H. C. H. Palmer  
Authorized Agent

# An Act to Codify and Revise the Laws of the Territory of Arizona

## SECTIONS 1-11.—INC. LOCATION OF CLAIMS

Be it enacted by the Legislative Assembly of the Territory of Arizona:

SECTION 1. On the discovery of mineral in places on the public domain of the United States, the same may be located as a mineral claim by the discoverer for himself, for himself and others, or for others.

SECTION 2. Such location shall be made by erecting at or contiguous to the point of discovery, a conspicuous monument of stones not less than three (3) feet in height, or an upright post securely fixed, projecting at least four (4) feet above the ground, in which monument of stones or on which post, there shall be posted a location notice, which shall be signed by the name or names of the locator or locators. The location notice must contain: First, the name of the claim located; second, the name or names of the locators; third, the date of the location; fourth, the length and width of the claim in feet and the distance in feet from the point of discovery to each end of the claim; fifth, the general course of the claim; sixth, the locality of the claim with reference to some natural object or permanent monument whereby the claim can be identified.

SECTION 3. Until each and all of the above specified things shall have been done no right thereto shall be acquired.

SECTION 4. From the time of the location of a mining claim as above specified, the locator shall be allowed ninety (90) days within which to do or cause to be done, the following things: First, to cause to be recorded in the office of the County Recorder of the county in which the claim is situated, a copy of the location notice; second, to sink a discovery shaft in the claim to the depth of at least ten (10) feet from the lowest part of the rim of the shaft at the surface, and deeper if necessary, until there is discovered in said shaft mineral in place; third, to monument the claim on the ground so that its boundaries can be readily traced.

SECTION 5. A failure to do all the things enumerated in this section in the time and place specified shall be construed into an abandoning of the claim, and all right thereto of the discoverer and locator shall be forfeited.

SECTION 6. Such surface boundaries shall be marked by six (6) substantial posts, projecting at least four (4) feet above the surface of the ground, or by substantial stone monuments at least three (3) feet high, to-wit: One at each corner of said claim, and one at the center of each end line thereof.

SECTION 7. Any open-cut, adit or tunnel which shall be made as above provided for as a part of the location of a lode mineral claim, and which shall be equal in amount of work to a shaft ten (10) feet deep and four (4) feet wide by six (6) feet long, and which shall cut the lode or mineral in place at a depth of ten (10) feet from the surface, shall be equivalent as a discovery work to a shaft sunk from the surface.

SECTION 8. Location notice may be amended at any time, and the monument changed to correspond with the amended location; provided, that no change shall be made that will interfere with the rights of others.

SECTION 9. The amount of assessment or representation work or improvements to be done or made during each year, after the completion of the location as heretofore provided, and the time for doing the same shall be as provided by the laws of the United States.

SECTION 10. Within three (3) months after the expiration of the period of the time fixed for the performance of annual labor, or the making of such improvements upon any mining claim, the person on whose behalf such work or improvement was made, or some person for him knowing the facts, may make a record in the office of the County Recorder of the county wherein such claim is situated, an affidavit in substance as follows:

TERRITORY OF ARIZONA, } ss.

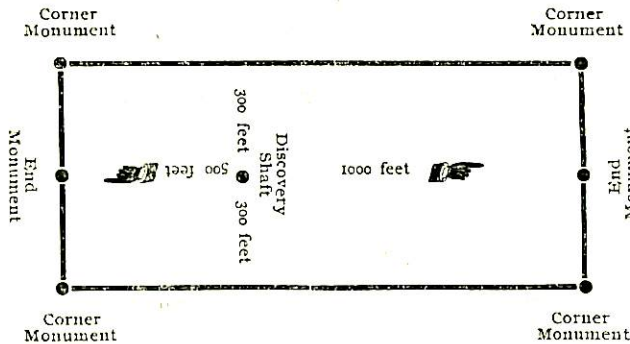
..... being duly sworn, deposes and says that he is a citizen of the United States and more than twenty-one years of age, resides at ..... in ..... County, Arizona Territory, and is personally acquainted with the mining claim known as ..... Mining District, Arizona Territory, the location notice of which is recorded in the office of the County Recorder of said County, in Book ..... of Records of Mines, at page ..... That between the ..... day of ..... A. D. ...., and the ..... day of ..... A. D. .... at least ..... dollars worth of work and improvements were done and performed upon said claim, not including the location work of said claim. Such work and improvements were made by and at the expense of ..... owners of said claim, for the purpose of complying with the laws of the United States, pertaining to assessments of annual work, and (here name the owners or men who worked upon the claim in doing the work) were the men employed by said owner, and who labored upon said claim, did said work and improvements, the same being as follows, to-wit: (Here describe the work done.)

Subscribed and sworn to before me, this ..... day of ..... A. D. .... (Signature.)

My commission as Notary Public expires on the ..... day of ..... A. D. ....

(Notary Seal.) ..... Notary Public.

SECTION 11. Such affidavit, when so recorded, shall be prima facie evidence of the performance of such labor or the making of such improvements, and said original affidavit, after it has been recorded, or a certified copy of record of same, or the record of same, shall be received as evidence accordingly by the Courts of this Territory. The relocation of forfeited or abandoned lode claims shall only be made by sinking a new discovery shaft and fixing the boundary in the same manner and to the same extent as is required in making an original location; or the relocater may sink the original discovery shaft ten (10) feet deeper than it was at the date of the commencement of such location, and shall erect new, or make the old monuments the same as originally required. In either case a new location monument shall be erected, and the location notice shall state if the whole or any part of the new location is located as abandoned property, else it shall be void.



The above diagram is to give the locator a general idea of the plan of location under the new law. Your discovery shaft may be in the center of claim, or any distance from either end you desire. In the diagram we have placed it 300 feet from one end and 1000 feet from the other. In description be careful to state locality of claim with reference to some natural object, or permanent monument, so as to identify the claim.

TERRITORY OF ARIZONA, } ss.

County of Cochise }  
Frank Hare ..... County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 11:30 o'clock A. M., on this 13 day of November 1902, and duly recorded in Book No. 22 of Mining Records of Cochise County, Arizona, at pages

WITNESS my hand and official seal the day and year first above written.

Frank Hare  
County Recorder.

### Notice of Location

QUARTZ CLAIM

Dated ..... 190 .....

Filed and recorded at request of

A. E. H. Palmer

Nov. 13 A. D. 1902

at 11:30 A. M.

BOOK 21 Record of Mines

Pages 190 to 192

Frank Hare  
County Recorder.

By ..... Deputy Recorder.

NO. 110.—HEERMANS STATIONERY COMPANY, TUSON, ARIZ.

Geo. C. Clark  
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

Sept. 29", 1903

I, U. S. Surveyor-General for Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Solomon Springs Copper Co.

known as the Copper Reef situate in Warrar mining district,

Cochise County, Arizona

in Section 30, Township No. 23 S., Range No. 25 E.

designated as Survey No. 1748

executed by Geo. C. Clark, U. S. Deputy Mineral

Surveyor, March 5-6", 1903, 1903, under my instructions dated

Dec. 29" 1903, 1903, have been critically examined and the necessary corrections 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 A. Ingalls U. S. Surveyor-General for Arizona

