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(4-683.)

Mineral Survey No. 1750 amended

Lot No. _____

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Solomon Springs Copper Co by
H. C. H. Palmer, Authorized Agent,

KNOWN AS THE

Empire

Warren

Mining District,

Cochise

County,

Arizona

Section 32, Township 23S, Range 25E. T+S.R. B+M

Surveyed under instructions dated July 2nd, 1903

by Geo. C. Larkin,

U. S. Deputy Mineral Surveyor.

Claim located June 13th, 1903

Survey commenced July 3rd, 1903

Survey completed July 4th, 1903

o 6-180

Claimants Address:

Desha, Cochise County Arizona

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, H. D. Hannah and J. L. Smith,

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 Empire

situate in Warren mining district

Cochise County, Arizona

in Section 32, Township No. 23 S, Range No. 20 E

H. D. Hannah, Chainman.

J. L. Smith, Chainman.

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

30 day of July, 1903

J. M. O'Connell
Notary Public in and for the County
of Cochise, Territory of Arizona.

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____

Feet.

Survey No. 1750.

Beginning at cor. No 1, the S.E. cor identical with location, and with the N.E. cor Beatty Lode, unsurveyed, a pine post 4 ft long, 4 ins square, set 1 ft in the ground in a mound of stones and scribed 1-1750 E.L. whence N.W. cor Railroad claim unsurveyed, brs S.47°11' W. 300 ft. and a rock in place level with the surface 1 X 4 ft chiseled X1 - 1750 B.R. brs N. 54°21'W.86.5 ft. and the S.W. cor of the S.E.qtr. sec.32, Tp 23 S., R. 25 E., G. & S.R.B. & M. brs 66°56'W. 1291.1 ft.

Thence N.47°11'E.

300.00 to original location for E. end center.

596.60 same bearing to cor. No.12 the N.E. cor identical with location, a pine post 4 ft long, 4 ins square, set 1 ft in the ground in a mound of stones and scribed 2-1750 E.L. whence a rock in place 1 X 1 X 2 ft chisled X 2-1750 B.R. brs N. 15°26'E. 25.4 ft.

Thence N. 51°24'W.

1494.4 to cor No.3 the N.W. cor identical with location, a pine post 4 ft long 4 ins square set 1 ft in the ground in a mound of stones and scribed 3-1750 E.L. whence a pointed rock 1 ft high, 2 ft base, chiseled X 3-1750 B.R. brs N. 13°45'W 67.9 ft.

Thence S. 47°11'W.

300.00 to original location for W. end center.

597.00 same bearing to cor No.4 the S.W. cor identical with location, a pine post 4 ft long 4 ins square, set 1 ft in the ground in a mound of stones and scribed 4-1750 E.L. whence a rock in place 1 ft high 2 ft square, chiseled X4 - 1750 B.R. brs N. 87°15'W 90 ft., and the S.W. cor of the S.E. qtr, sec 32, Tp 23 S. R. 25 E. brs 0°21'30" E.

Thence S. 51°25'E.

1266.5 to the N.E and N.W. corners respectively of the unsurveyed Frank James and Beatty Lodes.

1494.5 same bearing to cor No. 1, the place of beginning.

Feet.

Survey No. 1750.

-----LEDGE-----

The presumed course of the vein on this claim is from the E. end center of location, N.51°24'W. 1494.4 ft.

-----IMPROVEMENTS-----

I certify that the value of the labor and improvements on this claim placed thereon by the claimants or their grantors, is not less than \$500.00, and that the said improvements consist of;-

No.1; Discovery shaft 4 X 6 X 80 ft. brs from cor No.1 N. 27°58'W. 310 ft.

Value.....\$960.00

AREAS;--- Total and net area Empire Lode 20.245 Acres.

-----ADJOINING CLAIMS-----

NORTH; Benson Lode, unsurveyed, Prichard & Williams, owners.

EAST; Railroad Lode, unsurveyed, same owners.

SOUTH; Frank James and Beatty Lodes, unsurveyed, same owners.

WEST; Redcliffe Lode, unsurveyed, same owners.

-----LOCATION-----

This claim is located in the S.E. quarter sec.32, T²³ S., R.25E. G. & S.R. B.& M.

-----INSTRUMENT-----

Survey was made with a Buff Transit.

The courses were deflected from the true meridian, as determined by direct solar observations, checked by an observation on Polaris.

The distances were measured with a 300 ft steel tape. Magnetic variation 12°35' E.

Bisbee, Arizona,

July 4th 1903. U.S. Deputy Mineral 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
 and showing the respective capacities in which they acted.

H. D. Hannah, Chairman.
D. L. Smith, Chairman.
 _____, Arman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, H. D. Hannah
 and D. L. Smith, 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, by H. C. H. Palmer, Authorized
Agent, known as the Copper, 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.

H. D. Hannah, Chairman.
D. L. Smith, Chairman.
 _____, Arman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 6th day of July, 1903

J. M. O'Connell
**Notary Public in and for the County
 of Cochise, Territory of Arizona.
 My Commission expires Jan. 9 1904**

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 July 2nd 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 Salomon Springs Copper Co by H. C. H. Palmer Authorized Agent, known as the El Paso Copper & Iron Point, situate in Warren Mining District, Cochise County, Arizona, in Section 32, Township No. 23 S Range No. 24 E - T + S. R. B + M and designated as Survey No. 1750 Amended, 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 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.

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 6th
 day of July 1903

J. M. Stouffer

Notary Public in and for the County
 of Cochise, Territory of Arizona.
 My Commission expires Jan. 6 1904

Affidavit of Five Hundred Dollars Improvements.

We, H. D. Hannah, and F. L. Smith

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

are acquainted with the Empire 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 the grantors exceed Five Hundred

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

F. L. Smith

H. D. Hannah

TERRITORY OF ARIZONA,

County of Cochise } ss:

Sworn to and subscribed before me, this 11th

day of July, 1903

J. M. O'Connell



Notary Public for the County of Cochise, Territory of Arizona. My Commission expires Jan. 9, 1904

AMENDED
NOTICE OF MINING LOCATION.
LODE, CLAIM.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the EMPIRE 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 Solomon Springs Copper Company, a corporation organized under the laws of Arizona, the undersigned, on the 13th day of June, 1903.

The length of the claim is 1500 feet, and we claim 350 feet in a southeasterly direction, and 1150 feet in a northwesterly 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 discovery monument 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 Warren Mining District in Cochise County, in the Territory of Arizona, about one and one-half ~~miles~~ (1 1/2) miles in an easterly direction from Solomon Springs.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones, being at the center of the easterly end line of the claim, at a point in a southeasterly direction 350 feet from the discovery shaft (at which this notice is posted), being in the center of the easterly end line of said claim; thence northerly 300 feet to a monument of stones, being at the north-easterly corner of said claim; thence westerly 1500 feet to a monument of stones, being at the northwesterly corner of said claim; thence southerly 300 feet to a monument of stones, at the center of the westerly end line of said claim; thence southerly 300 feet to a monument of stones, being at the southwesterly corner of said claim; thence easterly 1500 feet to a monument of stones being at the southeasterly corner of said claim; thence northerly 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 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.

This is an amended Location Notice of the Empire Mining Claim, located by A. K. Campbell on the 1st. day of January, 1901, and recorded in Book 13 of Records of Mines, at page 274, in the office of the County Recorder of the aforesaid county of Cochise, to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description of the said original location notice.

Dated and posted on the ground this 13th day of June, 1903.

Solomon Springs Copper Co.,

by H. G. H. Palmer, Auth Agent.

Filed and recorded at request of S. E. Hazard, June 13th, 1903. A D 1903 Book 26 Records of Mines, page 332.

Territory of Arizona,) ss.
County of Cochise.)

I, Frank Hare, County Recorder in and for said county, hereby certify that I have compared the foregoing copy with the original Amended Location notice of the Empire Mining Claim filed and recorded in my office on the 13th day of June, 1903, in Book 26, Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and official seal the 13th day of June, 1903 .

Frank Hare

County 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.

July, 17th, 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., by H.C.H. Palmer, Authorized Agent.

known as the Empire

situate in Warren mining district, Cochise County, Arizona.

in Section 32, Township No. 23 S., Range No. 25 E. G. & S. R. B. & M. designated as Survey No. 1750

executed by Geo. C. Clark, U. S. Deputy Mineral Surveyor, July 3rd-July 4th, 1903, under my instructions dated July 2nd, 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.

[Handwritten signature]

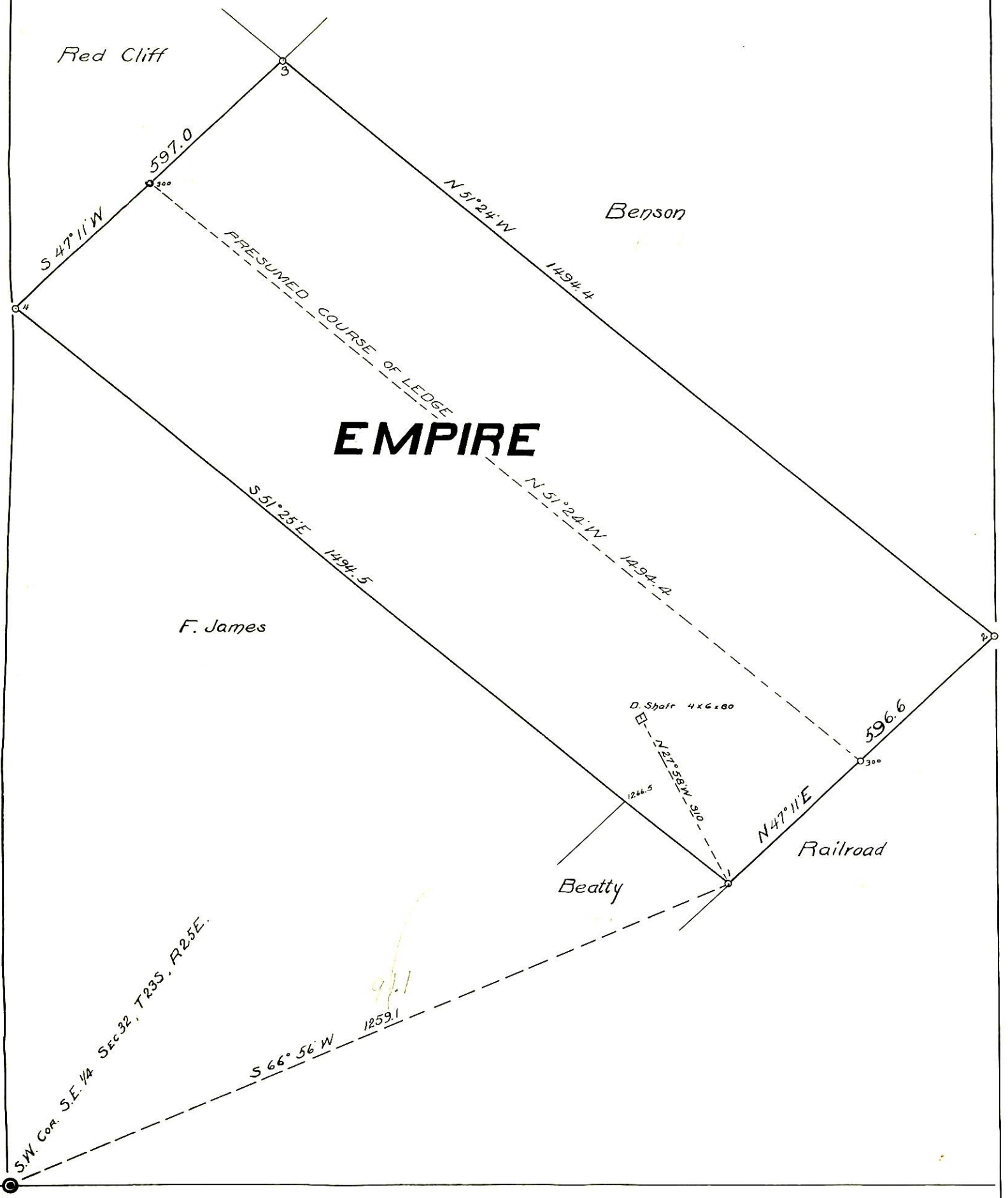
U. S. Surveyor-General for Arizona.

SURVEY NO. 1750

B.F.C.

SCALE 1"=200'

AMENDED



EMPIRE

S.W. Cor. S.E. 1/4 Sec 32, T23S, R25E.

Blacked Print
July 6th 1903

Geo. C. Clark
U. S. Dep. Mineral Land