

MINERAL SURVEY No. 3559

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

M. E. Brooke

KNOWN AS THE

COPPER REEF lode

Globe

Mining District,

Gila

County, Arizona, approximately in

Section 22, Township 1 N., Range 14 E., G. &

S.R.B. & M., unsurveyed, in the Crook National Forest

Surveyed under instructions dated May 22, 1919

by Edwin T. Stewart

U. S. Mineral Surveyor.

Claim located See location notice, 1913.

Survey commenced May 26, 1919

Survey completed May 27, 1919

Address of claimant M. E. Brooke, Hotel Adams, Phoenix, Arizona.

DATES OF AMENDED LOCATIONS.

Mineral Survey No. 3559.

Copper Reef. lode.

Feet.

Beginning at Cor. No. 1, identical with S.E. Cor. of the location.

A pine post, 3.5 ft. long, 4 ins. sq., with nail at the exact corner, set 18 ins. in the ground, with mound of earth and stone, scribed 1-C R -3559, whence

U.S.L.M. No. 2652 bears S.48°-47'-10"E. 2570.1 ft.

A cedar tree, 16 ins. in diameter, blazed and scribed cross B.T. 3559, bears N.75°-24'W. 88.9 ft.

No other bearings available.

Thence N.86°-45'W.

313.7 To S.W.E.C. monument of the location, from which the discovery cut bears N.20°-18'E. 144.0 ft.

A mound of stone, 4 ft. base, 3.5 ft. high.

561.4 To Cor. No. 2, identical with S.W. Cor. of the location.

A pine post, 3.5 ft. long, 4 ins. sq., with nail at the exact corner, set 18 ins. in the ground, with mound of earth and stone, scribed 2-C R-3559.

No bearings available.

Thence N.17°-34'E.

1322.3 To Cor. No. 3, identical with N.W. Cor. of the location.

A dacite stone, 8 x 8 x 26 ins., with cross at the exact corner, set 12 ins. in the ground, with mound of stone alongside, chiseled 3-C R -3559.

No bearings available.

Thence S.86°-45'E.

313.7 To N.E.E.C. monument of the location.

A mound of stone, 3.5 ft. base, 3.5 ft. high.

566.0 To Cor. No. 4, identical with N.E. Cor. of the location.

A dacite boulder showing 2.5 x 2.5 x 7 ft. out of the ground, with cross at the exact corner and mound of stone alongside, chiseled 4-C R-3559.

No bearings available.

Thence S.12°-30'W.

432.3 To Cor. No. 5, identical with monument of the location. A dacite boulder showing 5 x 5 x 11 ft. out of the ground, with 3/4 inch drill hole at the exact corner, and mound of stone alongside, chiseled 5-C R -3559. No bearings available.

Thence S.20°-18'W.

893.9 To Cor. No. 1, the place of beginning. Mean magnetic variation at all corners, 13°-50'E.

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Lode line.

As near as can be determined from present development, the vein of this location extends N.20°-18'E. 1196.2 ft. and S.20°-18'W. 144.0 ft. from the discovery cut.

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Area.

Total Area Copper Reef, 17.183 acres.

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Location.

This survey is located on unsurveyed land in what will probably be, when surveyed, section 22, T. 1 N., R. 14 E., G.&S.R.B.& M., Globe Mining District, Gila County, Arizona, in the Crook National Forest.

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Adjoining and Conflicting Claims.

The Desteter lode, unsurveyed, owned by Anton Trojanovich, on the north. The Valley View lode, unsurveyed, owned by Anton Trojanovich, on the east. The Right of Way lode, unsurveyed, owned by the claimant of this survey, on the south. And the Chinese Idol lode, unsurveyed, owned by the Inspiration Northern Development Company, on the west.

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Discovery and Improvements.

I hereby certify that the value of the labor and improvements made upon this claim, by the claimant, is not less than \$450.00, and that said improvements consist of:

No. 1, the discovery, 33.5 ft. of cut and tunnel,

4 x 6 ft., course N.77°W., the center of the toe of which is on the lode line 144.0 ft. from the S.W.E.C. Value, \$215.00.

No. 2, cut, 4.5 x 8 x 11 ft., course S.53°W., the center of the toe of which bears N.73°-17'W. 46.4 ft. from a point on the lode line 192.1 ft. from the S.W.E.C. Value, \$35.00.

No. 3, a cut averaging 5 x 7 x 19 ft., the center of the face of which bears S.37°-54'W. 177.0 ft. from Cor. No. 4, and which extends thence S.44°W. 9.0 ft.; thence S.89°W. 10.0 ft. to toe. Approximately the northeasterly four feet of this cut was not made^{by}/or at the expense of the claimant, and in estimating the value of the improvement this portion of the cut is not credited to the claim. Value of work done by the claimant, \$100.00.

No. 4, cut averaging 3 x 8.5 x 21 ft., course S.30°W. the center of the northeast end of which bears S.31°-53'W. 174.7 ft. from Cor. No. 4. Value \$100.00.

At the present time there is not work sufficient on this claim to meet the required \$500.00 expenditure. Prior to the expiration of the period of publication I will report additional work which is to be performed.

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Instrument and Determination of Meridian.

This survey was made with a 6 1/2 inch Berger transit. The courses were deflected from the true meridian as determined by direct Solar observation. The distances were measured with a 660 ft. steel tape.

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Report.

The side and end lines of this claim and all tie lines were run direct upon the ground.

U.S.L.M. No. 2652, to which tie is given from Cor. No. 1, is a pine post, 6 x 8 ins., showing 6 ft. out of the ground, surrounded by a monument of stone, 6 ft. base

and 3 ft. high, scribed U.S.L.M. 2652.

The disagreement between these notes and the location notice is due to error in the notice.

Edwin P. Stewars

U.S. Mineral Surveyor.

Globe, Arizona,
June 9, 1919.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Edwin T. Stewart

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

M. E. Brooke

known as the COPPER REEF Lode

and showing the respective capacities in which they acted.

L. W. Bohme, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, I, L. W. Bohme,

~~and~~, do solemnly swear that ^I we assisted

Edwin T. Stewart, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of M. E. Brooke

known as the COPPER REEF 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

L. W. Bohme, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 6th

day of June, 19 19.

My Commission Expires

Oct 31, 1921

Freda W. Egan

Notary Public.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Edwin T. Stewart, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 22, 1919, 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 M. E. Brooke, known as the COPPER REEF Lode, situate in Globe Mining District, Gila County, Arizona, approx., in Section 22 Township No. 1 N., Range No. 14 E., G. & S. R. B. & M., unsurveyed, in the Crook National Forest. and designated as Survey No. 3559, 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 her 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.

Edwin T. Stewart
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart
U. S. Mineral Surveyor, before me
this 6th day
of June, 1919.

My Commission Expires
Oct 31, 1921

Freda W. Echeverria
Notary Public

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

August 14, 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

M. E. BROOKE,

known as the COPPER BELT Lode,

situate in GLOBE

Mining District, GILA County, ARIZONA

in Section approx. 22, Township No. 1 N., Range No. 14 E., and

designated as Survey No. 3559, 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 less than five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or her grantors, and that said improvements consist of, at time of survey. 4 cuts and 1 tunnel, total value \$450.

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,

August 14, 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

M. E. BROOKE,

, known as the

COPPER REEF Lode,

situate in GLOBE mining district,

GILA, County, ARIZONA,

in Section Approx. 22, Township No. 1 N., Range No. 14 E.,

designated as Survey No. 3559.

executed by Edwin T. Stewart, United States Mineral

Surveyor, May 26-27, 1919, under my instructions dated

May 22, 1919, 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.



U. S. Surveyor-General for Arizona.

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for..... District of Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or..... her..... grantors, upon the mining claim of
..... M. E. Brooke

known as the..... COPPER REEF Lode,
situate in..... Globe..... mining district,
..... Gila..... County,..... Arizona, Approximately.....
in Section..... 22....., Township No. 1 N., Range No. 14 E., Unsur. ;
that said improvements consist of..... in addition to those reported at.....
..... time of survey, one shaft, value \$65.00.

....., and that no portion of said labor or improvements has been
included in the estimate of expenditures upon any other claim. A copy of the report of
..... Edwin T. Stewart, U. S. Deputy Mineral Surveyor, dated
..... August 24....., 1920, is hereto attached.



U. S. Surveyor General for..... Arizona

Office of U. S. Surveyor General,
..... Phoenix, Arizona,
..... August 26....., 1920 .

SUPPLEMENTAL REPORT OF IMPROVEMENTS MADE ON THE
COPPER REEF LODGE, MINERAL SURVEY, NO. 3559, SUB-
SEQUENT TO THE EXECUTION OF SAID SURVEY.

I certify that the value of the labor and improvements made upon the Copper Reef Lode, Mineral Survey No. 3559, by the claimant, is not less than Five Hundred Dollars, and that said improvements, in addition to those reported in the returns of said survey, dated June 9, 1919, consist of:

A shaft, 5 x 5 x 7 ft., which has been sunk from the floor of the cut and tunnel, improvement No. 1, the center of the southeast side of which bears N.77°W. 16.5 ft. from the center of toe of cut. Value \$65.00, which increases the value of improvement No. 1 from \$215.00 to \$280.00.

Edwin A. Steward

United States Mineral Surveyor.

Subscribed and sworn to before me this 24th day of August, 1920.

L. B. Feland

Notary Public.

My Commission Expires - Feb 13, 1922