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4-683

MINERAL SURVEY No. 3591

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Canyon Copper Company

KNOWN AS THE

No. 1 Lode

Grand Canyon Mining District,

Coconino County, Arizona

Sections 32 and 33, Unsur., Township 31 N., Range 4 E., Unsur., and  
Sections 4 and 5, Unsur., Township 30 N., Range 4 E.

Surveyed under instructions dated May 22, 1919

by T.N. Stevens  
U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced June 8, 1919

Survey completed June 12, 1919

Address of claimant Phoenix, Arizona.

DATES OF AMENDED LOCATIONS.

MINERAL SUR. NO. 3591  
No. 1 LODE.

Feet.

Beginning with Cor. No. 1, identical with original loc. Mon. and Cor. No. 3, Sur. No. 1358 A, Last Chance Lode, claimant herein.

A sandstone showing 7 x 10 x 24 ins. above ground in mound with hole at corner point and chiseled 3-1358 A 1-3591 N.1., whence U.S. M.M. No. 1 bears S. 18°-01'-30" W. 8996.78 ft. W. Cor. to N.  $\frac{1}{4}$  Cor., Sec 17, T. 30 N. R. 4 E. G & S R M, bears S. 18°-56' W. 10001.31 ft. A pine tree 8 ins. in dia., bears S 75°-38' E. 34.6 ft., blazed and scribed 3-1358A-1-3591 B.T.

No other bearings are available

Thence N. 52°-23' W.  
Va. 13°-30' E.

240. To S. end Center.

A pine post 5 ins. dia. by 4 ft long, set firmly in the ground and surrounded with md. of stone  $3\frac{1}{2}$  ft. base by 3 ft. high. Scribed - S. Cr. No. 1

481.96 To Witness corner for Cor. No. 2.

On rim rock 150 ft. high, chiseled with cross (X) W.C. 2-N.1.-3591, whence a bearing rock 5 ft. high, 10 ft long bears N. 29°-07' E., 16.82 ft., chiseled cross (X) W C - 2 N 1-3591 B R.

540. To true point for Cor. No. 2.

Not set - the point for Cor. falling in place unsuitable for permanent corner, being subjected to loose and falling boulders from above and liable to destruction from the action of the elements. Witness Corner, heretofore described, brs. S. 52° 23' E. 58.04 ft.

Thence N. 37° 37' E. from true point for corner  
Va. 13° 30' E.

1500. To Cor. No. 3.

A limestone 7 x 12 x 12 ins. above ground, set 12 ins. in ground, chiseled with cross (X) 3-N.1.-3591 with Md. of stone  $3\frac{1}{2}$  ft. base by 3 ft. <sup>high</sup> alongside.

		<p>SUR. NO. 3591 No. 1LODE. Cont'd.</p>
Feet		<p>Orig. loc. md. bears N.44-53' W. 230 ft.</p> <p>No other bearings are available.</p> <p>Thence S. 52°-23' E. Va. 13°-30' E.</p>
204.		Rim Rock
300.		To the N. end Center.
		<p>A pine post 5 ins. in dia. by 4 ft. long, set firmly in the ground and surrounded with a md. of stone 3½ ft. base by 3 ft high. Scribed N.C.No.1.</p>
540.		To Cor.No.4.
		<p>A limestone 20 x 30 x 16 ins. above ground, set 12 ins. in ground, chiseled with cross (X) 4-N.1. 3591.</p> <p>Orig.loc. mon. bears S.52°-25' E. 50 ft.</p> <p>No other bearings are available</p> <p>Thence S. 37°-37' W. Va. 13°-30' E.</p>
191.		Rim rock.
754.14		Cor. No.4. Sur.No.1358 A. Last Chance Lode.
1500.		To Cor.No. 1.
		The place of beginning.
		LODE LINE .
		<p>As near as can be determined from the present development, the vein of this claim extends as follows from the discovery point; N. 37°-37' E, 850 ft. and S.37°-37' W, 650 ft.</p>
		AREA.
		Total area No. 1 Lode 18.595 acres.
		The survey of this claim is identical with the original location, all corners of which were found in place, except where shown in the foregoing field notes.
		LOCATION.
		<p>This survey is located in the N.W.¼. Sec 4.Unsur. NE¼ Sec. 5 Unsur. T. 30 N.,R. 4 E. and SE¼ Sec.32 Unsur. Unsur., SW¼ Sec.33 Unsur. T. 31 N.R. 4 E. G. &amp; S. R. M., within the Tusayan National forest.</p>

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SUR. NO. 3591  
NO. 1 LODE, Cont'd

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements upon this claim, made by the claimant, or its grantors, is not less than Five Hundred Dollars, and that said improvements consist of:-

No.1 The discovery shaft, the center of which being the discovery point is on the lode line, 650 ft. from a point on line 1-2- 240 ft. from Cor. No. 1, 5 x 7 ft. - on incline  $45^{\circ}$  bearing N.  $65^{\circ}$  E., 32 ft., at the bottom of which a cross-cut 4 ft wide, 6 ft. high running N.  $65^{\circ}$  E. 12 ft to face.

Value of shaft and cross-cut \$440.00

No.2. An open cut the mouth of which bears from Cor. No.1 N.  $13^{\circ}$  E. 550 ft., 4 ft. wide running S.  $20^{\circ}$  W. 20 ft to mouth of tunnel - 4 ft. wide, 6 ft. high running S.  $40^{\circ}$  E. 16 ft to face.

Value of cut and tunnel \$260.00

An undivided  $1/4$  interest in improvement No.2, Survey No. 3592 A and B, Number 5 Lode, hereinafter in the notes of said survey, is described, credited to this lode.

Value \$2846.50

OTHER IMPROVEMENTS.

A cabin - the N.E. Cor. of which bears from Cor. No.4 S.  $56^{\circ}-30'$  W. 610 ft., 14 x 28 ft., course of long side N.  $70^{\circ}$  W.

A cabin the N.W. Cor. of which bears from Cor.No.4 S.  $41^{\circ}$  W., 530 ft. 18 x 16 ft., course of long side East.

INSTRUMENT.

This Survey was made with a Gurley Mountain Transit; the courses were deflected from the true meridian as determined by direct solar observation. The distances were measured with a 500 ft. steel tape.

SUR. NO. 3591  
REPORT.

The lode line of this claim was run directly upon the ground and the corners were established by running around the claim. All tie lines were run directly upon the ground.

The <sup>witness</sup> Corner to N.  $\frac{1}{4}$  Cor. Sec. 17 T. 30 N., R. 4 E., G. & S.R.M., consists of a Limestone showing 20 X 12 X 5 ins. above ground. Chiseled W.C.  $\frac{1}{4}$  on north face. This is the nearest Cor. of the Public Survey.

U.S.M.M. No.1 consists of a sandstone showing 7 X 12 X 36 ins. above ground, chiseled U. S. M.M.No.1 and hole in top.

Cor. No.4 Sur. No.1358 A. Last Chance Lode consists of a sandstone showing 7 X 10 X 12 ins. above ground chiseled 4-1358 A and hole at Cor. point. This is corner No.3 as of record.

Line 3-4 fails to furnish the distance as approved (N.37-37' E. 750 ft). Same is properly given in these field notes. All markings are plain and distinct, deeply chiseled on corner. The numbers are herein reported exactly as found upon the corners.

ADJOINING CLAIMS.

On the East by Sur. No. 1358 A, Last Chance lode, claimant herein. There are no other adjoining or conflicting claims known.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by T.H. Stevens

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

Canyon Copper Company

known as the NO 1 Lode

and showing the respective capacities in which they acted.

John Bull, Chainman.

Chainman.

Arman.

Flagman.

## FINAL OATHS OF ASSISTANTS.

~~I~~, John Bull

~~and~~, do solemnly swear that ~~we~~<sup>I</sup> assisted

T.H. Stevens, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Canyon Copper Company

known as the No. 1 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~~<sup>my</sup> 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

~~x~~ John Bull, Chainman.

Chainman.

Arman.

Flagman

Subscribed and sworn to by the above-named persons before me this 13<sup>th</sup>

day of June, 1919

Margaret Scott

Notary Public



# FINAL OATH OF U. S. MINERAL SURVEYOR.

I, T.N. Stevens, 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 Canyon Copper Company, known as the No 1 Lode, situate in Grand Canyon Mining District, Coconino County, Arizona in Section 32 & 33 in Township No. 31 N, Range No. 4 E., Unsur., and 4 E. and designated as Survey No. 3591, 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.

*T.N. Stevens*

U. S. Mineral Surveyor.

Subscribed and sworn to by the said T. N. Stevens  
 U. S. Mineral Surveyor, before me Isabel M. Landers  
Notary Public, Pima Co. Arizona this 8th  
 day of July, 19 19

Isabel M. Landers  
Notary Public

My Commission Expires July 10 1920





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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

September 30, 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

Canyon Copper Company

known as the NO. 1 lode

situate in Grand Canyon

Mining District, Coconino County, Arizona

in Section 32 and 33, Unsur Township No. 31 N, Range No. 4 E., Unsur., & 4 & 5, Unsur Township No. 30 N, Range No. 4 E., and

designated as Survey No. 3591, 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 1 shaft, 1 crosscut, 1 cut and 1 tunnel, value \$700, and an undivided one-quarter interest, value \$2846.50, in improvement No. 2 on the Number Five lode, Survey No. 3592 A, which is properly credited to this claim.

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,

September 30, 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

Canyon Copper Company

, known as the

NO. 1 lode

situate in Grand Canyon mining district,

Coconino County, Arizona

in Section 32 and 33, Unsur., Township No. 31 N. 4 E., & 34 & 5, Unsur., Township No. 30 N., Range No. 4 E.

, designated as Survey No. 3591

executed by T. N. Stevens, United States Mineral

Surveyor, June 8 - 12, 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.

[Handwritten signature]

U. S. Surveyor-General for Arizona.