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(4-683.)

Mineral Survey No. 1593

Lot No.

Prescott

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

John Lawler

KNOWN AS THE

"Cuprum" lode
Eureka

Mining District,

Yavapai

County,

Arizona

Section 15 (approx.), Township 15 N., Range 9 W, G. & S. R. M.

Surveyed under instructions dated August, 13th, 1901,

by A. B. Mader

U. S. Deputy Mineral Surveyor.

Claim located January, 3rd, 1899.

Survey commenced Aug. 24th, 1901.

Survey completed Aug. 24th, 1901.

o 6-160

Address:

John Lawler

Prescott, Arizona.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, H. R. Wood and F. L. Carlisle,

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 John Lawler

....., known as the "Cuprum" lode situate in Eureka mining district,

Yavapai County, Arizona in Section 15, Township No. 15N, Range No. 9W

H. R. Wood, Chainman.
F. L. Carlisle, Chainman.

Subscribed and sworn to by the above-named persons before me this 20th day of August, 1891

My Comm Exp Dec 4, 1905 J. M. ...
Notary Public

I,, do solemnly swear that I will well and truly perform the duties of axeman, 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.

....., Axeman.

Subscribed and sworn to by the said before me this day of, 18 ..

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, 18 ..

Survey No 1593

Cuprum Lode

Foot

Beginning at Cor. No 1.
Identical with Cor. of the location.
A malapi boulder, 12" x 9" x 20", set 6" in the ground, chiseled $\frac{1}{2}$ 1593 with a mound of stones 1 1/2' base and 3' high alongside whence U.S. Mineral Monument No 2, Eureka Mining District bears N 34° - 52' E, 9860 ft.

The vertical face of a sylvite reef, 12' long by 7' high, projecting 12" from the hill, chiseled a cross (+) and $\frac{B.R.}{C}$ 1593, bears N 85° W, 49.3'

No other bearings available.

Thence S 63° W

255 Center of wash, 20' wide, 12' deep, course N 40° W, bears S 40° E.
300 To North center end.

Identical with the location.

A granite boulder in place, 6' x 5' x 4' above ground, chiseled a cross (+) at exact corner point, and $\frac{N.C.E.}{1593}$, and erected a monument on the boulder, 1 1/2' base x 3' high.

No bearings available.

The initial monument 1 1/2' base and 3' high bears S 27° E, 500' - A cross (+) and I.M. 1593 chiseled on rock ledge, at exact point.

600 To Cor. No 2.

Identical with the location.

A malapi rock, in place, 24" x 24" x 4" above ground, chiseled a cross (+) at exact cor. point, and $\frac{2}{1593}$, and built a mound of stones 1 1/2' base and 3' high alongside.

A malapi boulder, 3' x 4' x 3' above ground with cross (+) and $\frac{B.R.}{C}$ 1593 bears N 22° W, 5.6'.

No other bearings available.

Thence S 27° E

255 Cross trail, bears S 70° W and N 70° E
310 North edge of Boulder Creek
390 Center of Boulder Creek, course S 60° W, bears N 63° E.
460 South edge of Boulder Creek.
750 To the West Side Center

Identical with the location

A malapi stone in place, 12" x 15" x 12" above ground, chiseled a cross (+) at exact point and

- Feet W.S.C.
 1593, and built a monument of stone
 1 1/2' base and 3' high alongside.
 No bearings available.
 Up steep hill.
- 1500 To Cor. No 3.
 Identical with Cor. of the location.
 A Malapi stone in place, 24" x 30" x 12" above
 ground, chiseled a cross (+) at exact point
 and ³/₁₅₉₃, and built a monument of stones
 1 1/2' base and 3' high alongside.
 No bearings available.
 Thence N 63° E
- 195 Cross ravine, near head, course N 10° W.
 300 To the south center end.
 Identical with location.
 A Malapi stone in place, 18" x 20" x 14" above
 ground, chiseled a cross at exact corner
 point and ^{S.C.E.}/₁₅₉₃, and built a monument
 of stones 1 1/2' base and 3' high alongside.
 A Malapi boulder 3' x 3' x 2' above ground
 chiseled ^{B.R.}/_{S 74° E} 1593, bears S 74° E, 19'.
 No other bearings available.
- 600 To Cor. No 4.
 Identical with the location.
 A Malapi rock in place, 8" x 16" x 22" above
 the ground, chiseled a cross (+) at exact
 corner point and ⁴/₁₅₉₃, and built a mon. of stones
 1 1/2' base and 3' high alongside.
 A Malapi boulder, 4' x 5' x 4' above ground,
 chiseled ^{B.R.}/_{S 81° E} 1593, bears S 81° E, 16'.
 No other bearings available.
 Thence N 27° W
- 240 Cross ravine, 12" wide, course N 65° W, bears S 65° E.
 down steep hill
- 750 To the East side center
 identical with the location
 A Malapi stone in place, 16" x 24" x 10" above ground, chiseled
 a cross (+) at exact ~~corner~~ point and ^{E.S.C.}/₁₅₉₃ and built a mon.
 of stones 1 1/2' base and 3' high alongside.
 No bearings available.
- 1000 South edge of Boulder Creek.
- 1070 Center of Boulder Creek, course S 65° W, bears N 50° E.
- 1410 Cross trail, bears S 20° W and N 60° E
- 1465 North edge of Boulder Creek.
- 1500 To Cor. No 1 the place of beginning.

The variation at all the corners is 14° E.

Location

This claim is located in Eureka Mining District, Yavapai Co, Arizona on unsurveyed public land in what would be approximately, ~~4~~ Sec. 15, T15N, R9W, G. & S. R. M.

Adjoining Claims

on the N - Constellation lode - unsurveyed.

" " " U.S. public land.

" " W Chloride lode, unsurveyed.

" " S U.S. public land.

Ledge

The course and length of the ledge on the "Cuprum" lode is from the North center end to the south center end, 1500 ft. and is traceable by croppings.

Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements upon this claim placed thereon by the claimants and their grantors, aggregates not less than five hundred dollars and that the said improvements consist of:

Dis. Tunnel No 1, 4' x 6' x 50' long, whose course is S 38° E, and bears S 10° - 40' W 600' from Cor. No 1.

The approach to this Tunnel is 5' wide x 20' long by 14' high at mouth of Tunnel. - Total Value \$750.00

Tunnel No 2, 4' x 6' x 80' long, whose course is N 38° W, and bears S 10° - 30' W, 402' from Cor. No 1.

The approach to this tunnel is 4' x 8' x 10' high at mouth of tunnel. Total Value - \$850.00

\$1600.00

This Survey was made with a Gurley Light Mountain Transit.

The courses were deflected from the meridian by solar observation.

The distances were measured with a steel tape.

A. B. Mader
U.S. Dep. Min. Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by A. B. Mader
 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 John Lawler
 known as the "Cuprum" lode
 and showing the respective capacities in which they acted.

- F. L. Carlisle , Chairman.
- H. R. Wood , Chairman.
- _____ , Axman.
- _____ , Flagman.

FINAL OATHS OF ASSISTANTS.

We, F. L. Carlisle
 and H. R. Wood , do solemnly swear that we assisted A. B. Mader
Mader , United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of John Lawler
 _____ , known as the _____

"Cuprum" lode , 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

- F. L. Carlisle , Chairman.
- H. R. Wood , Chairman.
- _____ , Axman .
- _____ , Flagman.

Subscribed and sworn to by the above-named persons before me
 this 28th day of August , 1901

M. Sanford
My Comm. exp. Dec. 4, 1905 Notary Public

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, A. B. Mader, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Aug. 13th, 1901, 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 John Lawler, known as the "Cuprum" lode, situate in Yavapai County, Arizona Mining District, 15, Township No. 15N, Range No. 9W and designated as Survey No. 1593, 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 his 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.

A. B. Mader

U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said A. B. Mader

U. S. Deputy Mineral Surveyor, before me J. M. Crawford a Notary Public of Yavapai Co. Arizona this 28th day of August 1901,

Com. Exp. Mich 4, 1905

J. M. Crawford
Notary Public

Affidavit of Five Hundred Dollars Improvements.

We, Colin Timmons, and H. R. Wood

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Copper mining claim, situate in Eureka Mining District, Yavapai County, Arizona Territory, for which John Lawler

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 improvements made thereon by the applicant and his grantors exceed Five Hundred Dollars in value, and further, that we are not personally interested in said mine.

Colin Timmons

H. R. Wood

TERRITORY OF ARIZONA,
County of Yavapai } ss:

Sworn to and subscribed before me, this 31st

day of August, 1901

Com. Exp. Mch 4, 1905

Subscribed
Notary Public

"CUPRUM".

NOTICE OF MINING LOCATION. quartz Claim.

To all whom it may concern:

This mining claim, the name of which is the CUPRUM 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 John Lawler, the undersigned, on the third day of January, 1899.

The length of this claim is 1500 feet, and I claim 1000 feet in a Southerly direction ~~from~~ and 500 feet in a Northerly direction from the mouth of the discovery tunnel, 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 North to the South.

The claim is situated and located in the Eureka Mining District, in Yavapai County, in the Territory of Arizona, about 1-1/2 miles in a Southerly direction from Hillside mines and is a re-location of a part of each of the following claims, viz:—Emma and Co. Ext. of Emma.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a Southerly direction 1000 feet from the discovery tunnel (at which this notice is posted), being in the center of the South end line of said claim; thence 300 feet to a mon. of stone, being the S.E. corner of said claim; thence 750 ft. to a mon. of stone at the center of the East side line of said claim; thence 750 feet to a mon. of stone being at the N.E. corner of said claim; thence 300 feet to a mon. of stone at the center of the North end of said claim; thence 300 feet to a mon. of stone, being at the N.W. corner of said claim; thence 750 feet to a mon. of stone being at the center of the west side line of said claim; thence 750 feet to a mon. of stone at the S.W. corner of said claim; thence 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 of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines", approved March 30th, 1895.

Dated and posted on the ground, this third day of January, 1899.

John Lawler.

Witness to location & title work

H.R. Wood

J. Kampatschce.

Filed and recorded at request of H.R. Wood, January 18th A. D. 1899, at 2:35 o'clock p.m., Book 50 of Mines, page 336, Records of Yavapai County, Arizona.

(Seal)

W.I. Johnson,

County Recorder.

By E.C. Averyt,

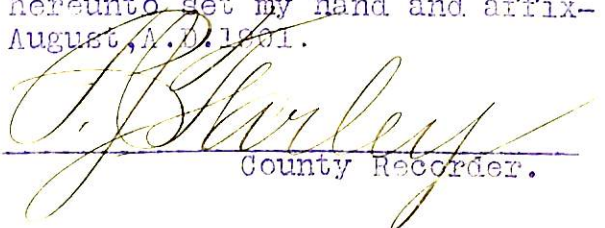
Deputy Recorder.

TERRITORY OF ARIZONA,)

COUNTY OF YAVAPAI.) ss:

I, P. J. FARLEY, County Recorder in and for the County of Yavapai, in the Territory of Arizona, and custodian of the records thereof, do hereby certify that I have compared the above and foregoing with, and the same is a full, true and correct copy of the notice of location of the "CUPRUM" Mining Claim, as the same appears of record in Book 50 of Mines, page 336, records of Yavapai County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, this 5th day of August, A. D. 1899.


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,

Tucson, Arizona.

December 27th, 1901.

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 *John Lawler,*

....., known as the

Cuprum lode.

situate in *Eureka.* mining district,

Yavapai County, *Arizona.*

in Section *15 (approx)* Township No. *15 N.*, Range No. *9 W. (unsurveyed)*

....., designated as Survey No. *1593.*

executed by *A. B. Mader.* U. S. Deputy Mineral

Surveyor, *August 24th*, 1901., under my instructions dated

August 13th, 1901., have been critically examined and the

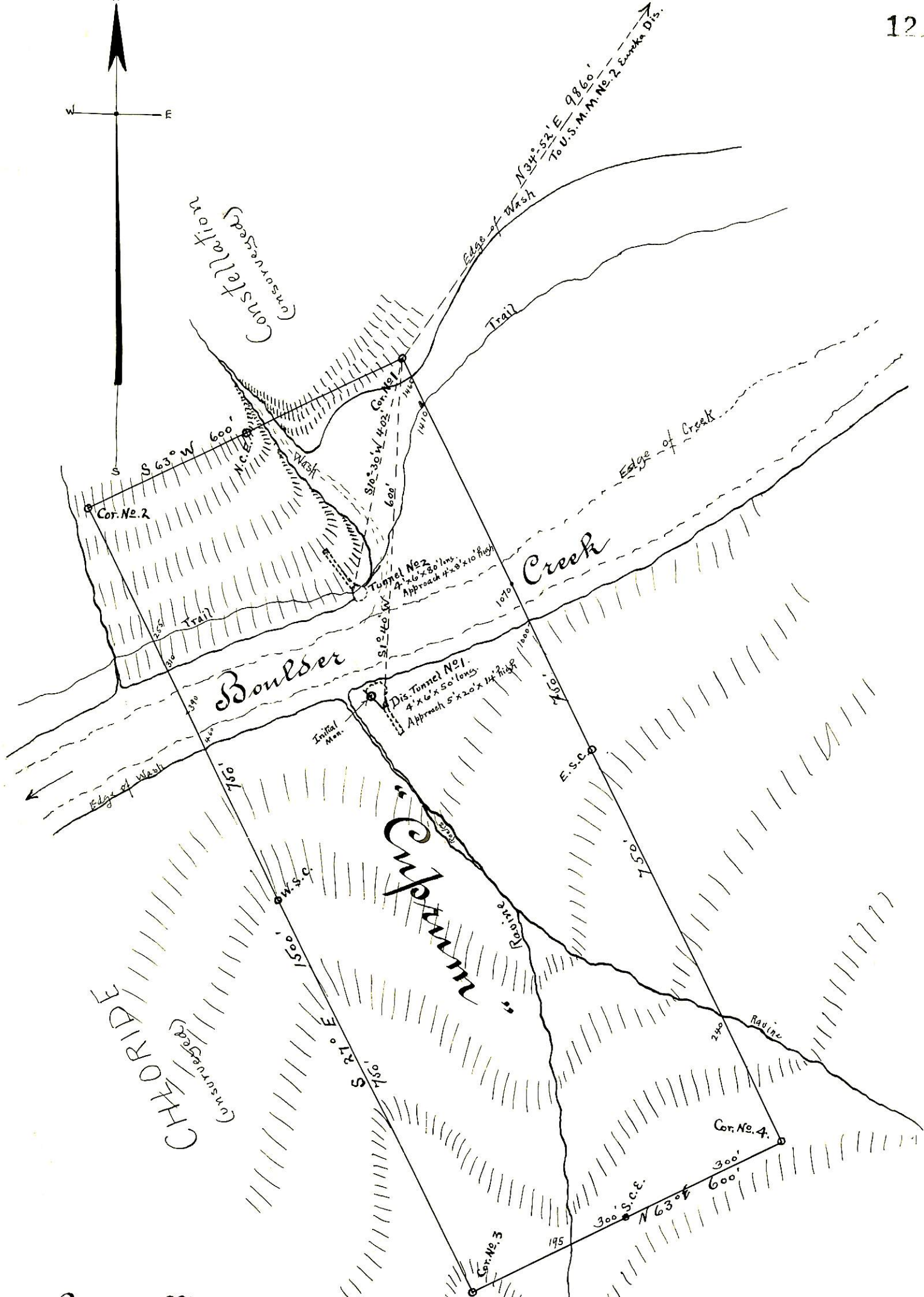
necessary corrections and explanations made, and the said Field Notes and Return, and

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.

Hugh H. Rice

U. S. Surveyor General for *Arizona.*



Survey No. 1593
 Prescott Land District
 Surveyed August, 24th, 1901.
 by A. B. Mader, U.S. Dep. Min. Surveyor
 Scale: 200' to an inch.