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MINERAL SURVEY No. 3511 *Platted*

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

New Cornelia Copper Company

KNOWN AS THE

IRON WOOD lode

Ajo Mining District,

Pima County, Arizona.

Section 23 and 26, Township 12 S, Range 6 W (Unsurveyed)

Surveyed under instructions dated May 6, 19 18.

by RALPH L. MOTZ
U. S. Mineral Surveyor.

Claim located See location notice, 19 16

Survey commenced May 13, 19 18

Survey completed May 13, 19 18

Address of claimant's attorney, Cleon T. Knapp,
Bisbee, Arizona.

DATES OF AMENDED LOCATIONS.

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.....

MINERAL SURVEY NO. 3511

IRON WOOD LODE

Beginning at Cor No 1, the S. E. Cor, identical with location and with Cors No 4 and 4 of Sur No 2374 Alameda lode and Sur No 2800 Valley lode respectively, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3511 I W whence U S M M No 1 Ajo Mining District brs S 29° 05' E 2634.4 ft. No bearings available.

thence S 88° 55' W

12.0 along lines 4-3 and 4-3 of Sur No 2374 Alameda lode and Sur No 2800 Valley lode respectively to original location for the south end center being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3511 S E Ct I W

23.6 to Cor. No. 2, the S. W. Cor, identical with location and with Cor No 1 Sur No 3160A Little Ajo lode and situated on line 2-3 Sur No 2679 Hot Head lode at N 4° 31' W 530.8 ft and S 4° 31' E 312.0 ft from Cors 2 and 3 respectively a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3511 I W. No bearings available.

thence N 10° 19' E

111.4 along line 1-4 Sur No 3160 A Little Ajo lode to Cor. No. 3 the N. W. Cor. and the north end center being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3511 I W and 3511 N E Ct I W whence the original location for the north west corner being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones brs N 2° 39' E 88.3 ft and the original location for the north end center being a mound of stones 3 ft high with 3 ft base brs N 4° 22' E 88.5 ft

thence N 88° 55' E

12.0 to Cor No 4, the N E Cor, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3511 I W whence the original location for the N E Cor

being a pine post 4 ft long 4 ins sq set 18 ins in the ground
ground brs N 25° 59' E 99.1 ft.

thence S 4° 22' W

109.7 to Cor No 1, place of the beginning.

LEDGE

The presumed course of the vein on this claim is from
the south end center N 4° 22' E 109.7 ft.

AREAS

Total Area Iron Wood Lode - - - - - 0.045 A

Area in conflict with

Sur No 2679 Hot Head lode - - - - - 0.045 A

Tract A, - - - - - 0.030 A

Sur No 2679 Hot Head lode exclusive

of Tract A - - - - - 0.015 A

TRACT A

Beginning at Cor No 1, Iron Wood lode thence S 88° 55' W
23.6 ft to Cor No 2, thence N 10° 19' E 111.4 ft to Cor
No 3 whence a 2 X 4 ins pine post set in a mound of
stones brs N 1° 55' W 201.4 ft, thence S 1° 55' E 109.2
ft to Cor No 1, place of the beginning.

LOCATION

This survey is located in the Ajo Mining District, Pima
County, Arizona, in Sections 23 and 26, T 12 S, R 6 W
(unsurveyed) G & S R B & M.

IMPROVEMENTS.

I certify that the value of the labor and improvements
placed upon this claim by the claimants or its grantors
was at time of survey as follows:-

No. 1 Discovery shaft 5 x 7 x 12 ft deep brs from
south end center on lode line 20ft. Value - - - - \$100.00

ADJOINING CLAIMS

East Sur No 2679 Hot Head lode
South Sur No 2374 Alameda lode, Sur No 2800 Valley lode.
West Sur No 3160 A, Little Ajo lode

INSTRUMENT

This survey was made with a Gurley Light Mountain Transit
The courses were deflected from the true meridian as es-
tablished for Sur No 3160 A. The distances were measured
with 100 and 300 ft steel tapes. Magnetic Variation 15°E.
at all corners.

REPORT.

U S M M No 1 Ajo Mining District is a 2 in iron pipe about
20 ft long set in the ground in a monument with copper tag
on side marked "U S Mineral Monument No 1, Ajo Mining
District, Pima County, Arizona. Established Dec. 14, 1882
by L. D. Chillson, U S Dep. Min. Sur. Reestablished Dec. 28
1917 by P E Fernald, U. S. Min. Sur."

Sur No 2374 Alameda lode Cors 3 and 4 are pine post pro-
perly set and scribed.

Sur No 2679 Hot Head lode. Cor No 2 is a mound of rocks
post gone. Cor No 3 is a pine post properly set and
scribed.

Sur No 3160 A Little Ajo lode Cors 1 and 4 are pine posts
properly set and scribed.

Sur No 2800 Valley lode Cors 3 and 4 are pine posts pro-
perly set and scribed.

Ralph L. Moz
U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

July 30, 1918.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Ralph L. Motz
 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 _____
 _____ New Cornelia Copper Company _____
 known as the _____ IRON WOOD lode _____
 and showing the respective capacities in which they acted.

_____Albert Witte_____, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

~~we~~ I, Albert Witte
 and _____, do solemnly swear that ~~we~~ assisted _____
Ralph L. Motz, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of _____ New Cornelia Copper Company _____

 known as the _____ IRON WOOD 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 _____

_____Albert Witte_____, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me this 13th
 day of May, 1918

Cornelius T. Reddy

Notary Public in and for the
 County of Pima, State of Arizona.
 My Commission expires
 My Commission Expires March 14, 1920.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Ralph L. Motz, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
May 6, 1918, 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 New Cornelia Copper Company
....., known as the
Iron Wood lode
situate in Ajo Mining District,
Pima County, Arizona, in Section
23 and 26, Township No. 12 S, Range No. 6 W (Unsurveyed) G & S R B & M
and designated as Survey No. 3511, 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 per-
petuated in strict accordance with the law, official regulations and instructions there-
under; 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.

Ralph L. Motz
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz
U. S. Mineral Surveyor, before me J. W. Ross,
a Notary Public this 30th
day of July, 19 18

J. W. Ross.
Notary Public, in and for the
County of Cochise, State of Arizona.
My commission expires Feb'y 21, 1920.

MAR-6 1918

Notice of Mining Location

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Iron Wood 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 purposes of exploration and purchase by New Cornelia Copper Company, a corporation of Delaware,

(Locator must insert either "a citizen of the United States" or "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 5th day of March 1916

The length of this claim is 200 feet, and it claims 20 feet in a southerly direction and 180 feet in a northerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 50 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 south to the north.

The claim is situated and located in the Ajo Mining District, in the County of Pima, State of Arizona, about 2645 ft. in a north-westerly direction from U.S. M.M. No. 1 and bounded on the south by the Alameda mining claim, Sur. No. 2374; on west by the Little Ajo mining claim, Sur. No. 3160-A; on the north by the Little Ajo and Hot Head, Sur. No. 2679; on the east by the Hot Head, Sur. No. 2679.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at 4 x 4 post at a point in a southerly direction 20 feet from the discovery shaft (at which this notice is posted) being in the center of the south end line of said claim; thence westerly 50 feet to a 4 x 4 post being the south-west corner of said claim; thence northly 200 feet to a 4 x 4 post being at the north-west corner of said claim; thence easterly 50 feet to a 4 x 4 post at the center of the north end of said claim; thence easterly 50 feet to a 4 x 4 post being at the north-east corner of said claim; thence southerly 200 feet to a 4 x 4 post at the south-east corner of said claim; thence westerly 50 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 Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 5th day of March 1916

New Cornelia Copper Co.

AN ACT TO CODIFY AND REVISE THE LAWS OF THE TERRITORY OF ARIZONA

SECTIONS I-II—INC. LOCATION OF CLAIMS

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

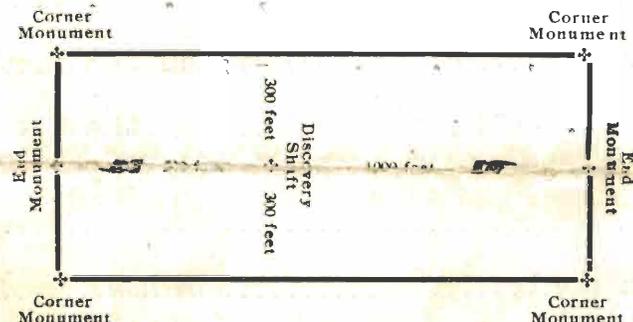
- SECTION 1. On the discovery of mineral in places on the public domain of the United States, the same may be located as a mineral claim by the discoverer for himself, for himself and others, or for others.
- SECTION 2. Such location shall be made by erecting at or contiguous to the point of discovery, 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. The failure to do all the things enumerated in this section in the time and space 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 improvements 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, and is personally acquainted with the mining claim known as Mining District, Arizona, 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. (Notarial Seal)

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 the State. 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 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 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 500 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.

STATE OF ARIZONA, } ss.
 County of

I,, County Recorder in and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at o'clock, M., on this day of 191....., and duly recorded in Book No. of Records of County, Arizona, at pages

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

County Recorder.

*mail to Mrs. Dine 1000
 Bureau # 1340 -*

Notice of Location
 LODGE CLAIM

Dated 191.....
 Filed and Recorded at Request of
Eleon. T. Knapp
 April 5th A. D. 1916
 at A. M.
 Book *114* Rec of Min
 Pages *39*
Robt. Mason
 County Recorder.
 By Deputy Recorder.
Robt. Mason

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

December 5, 1918

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

NEW CORNELIA COPPER COMPANY

known as the IRON WOOD LODE

situate in AJO

Mining District, PIMA County, ARIZONA,

in Section 23 & 26 Township No. 12 S., Range No. 6 W. (Unapp'd.), and

designated as Survey No. 3511, 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.

less than

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, at time of survey, 1 shaft, value \$100.

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.

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,

December 5, 1918.

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

~~NEW CORNELIA COPPER COMPANY,~~

known as the

IRON WOOD LODE

situate in AJO mining district,

PIMA County, ARIZONA,

in Sections 23 and 26, Township No. 12 S., Range No. 6 W. (Unapp'd.)

designated as Survey No. 3511

executed by Ralph L. Motz, U. S. Mineral

Surveyor, May 13, 1918, under my instructions dated

May 6, 1918, 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. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and made

a part of the transcript of the field notes.

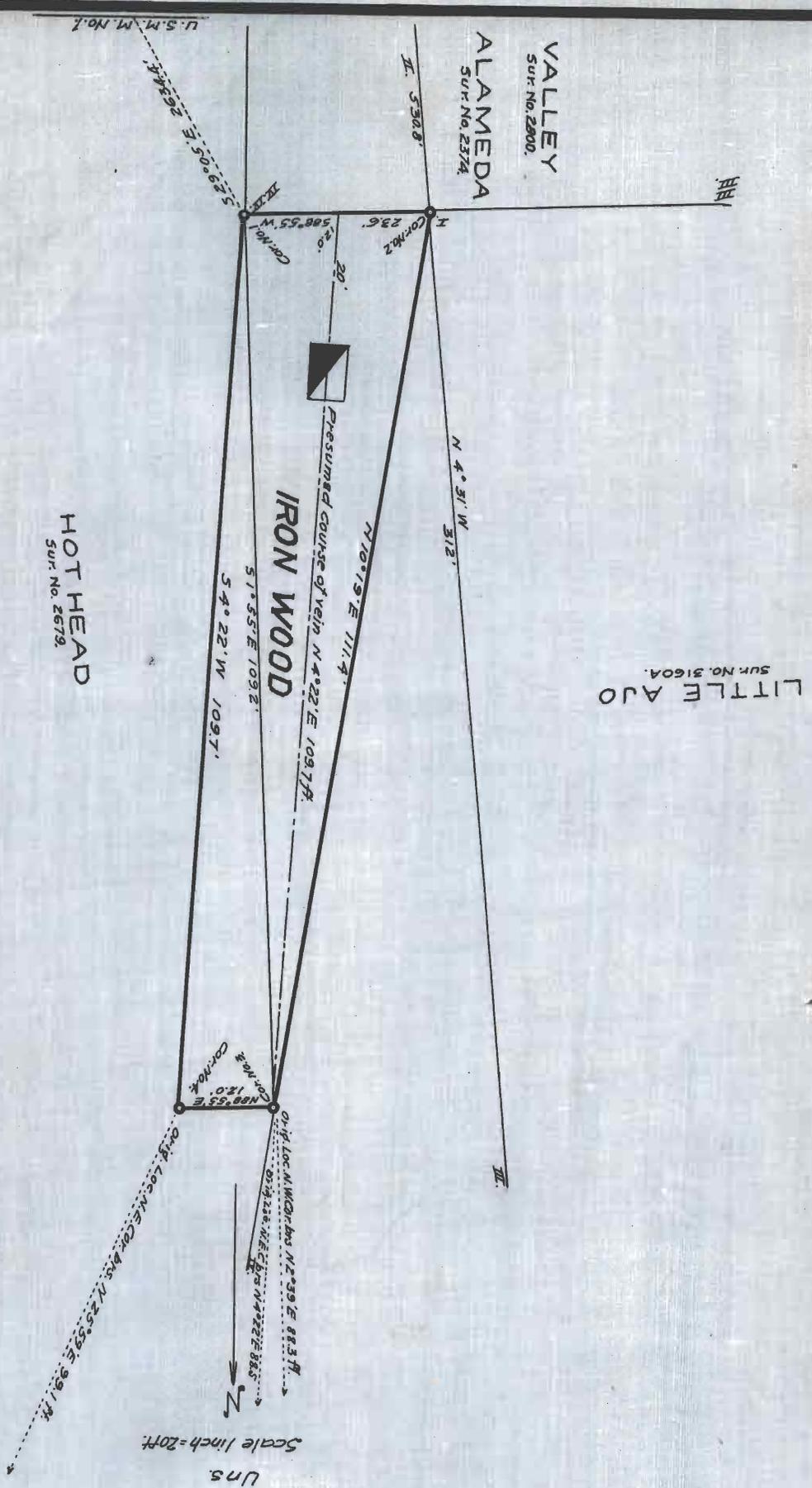


U. S. Surveyor General for Arizona.

SURVEY NO. 3511.

Approx.
Sec. 23, T. 12 S., R. 6 W.
Uns.

Scale 1 inch = 20 ft.



JUL 31 1918
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