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LOT NO. 38

SURVEY NO. 763

Field Notes

of the survey of the

Little Chief

mining claim

Eureka

Situate in Mining district

County of Yavapai and in Sec. , Tp. 15 N

Range 8 W, of the Gila and Salt River Meridian.

ARIZONA.

Claimed by John Lawler

Survey executed by C. B. Foster D. S.

Under instructions dated February 24th 1886

Survey commenced March 13th 1886

Survey completed March 13th 1886

PRELIMINARY OATHS,

FOR SURVEYS OF MINING CLAIMS AND MILL-SITES.

WE, J. M. Howard and Daniel Metz

do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether 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.

J. M. Howard
Daniel Metz

W. Foster

SWORN to and subscribed before me, this 9th day

of March 1886

W. Foster
Notary Public

I, J. M. Howard

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

Surveyor according to instructions given me,

to the best of my skill and ability.

J. M. Howard

W. Foster

SWORN to and subscribed before, me this 9th day

of March 1886

W. Foster
Notary Public

Feet

Field Notes
of the Survey of the
Little Chief Mining Claim
in the Eureka Mining District
Yavapai County, Arizona.

Claimed by John Lawler
Surveyed by E. B. Foster U.S.
Deputy Mineral Surveyor under
instructions from the Surveyor
General of date Feby 24 1886

Survey Commenced March 13 1886
" Completed " 13 1886

Description of Survey

Beginning at the Initial Mon
mentioned in location notice and
Marking the southerly end center
of claim where I mark L.C.
1 M No 1 on quartzite boulder in
place projecting above surface
2x2x2 ft and on N side of
same build mound of stones.
U.S. Min. Mon. No 1 bears S 71° 15' W
1290 feet

Thence N 84° E

Wa 14° 29' East

300 To loc mon where I set a granite
stone 17x14x8 ins, 1 ft in ground
and surrounded same with mound
of stone. Stone marked L.C. No 2

Thence N 6° W

Wa 14° 29' East

78 Intersect W side line of the
Bagdad Mining Claim Lot No
S 75° 30' E 430 feet from NW

Foot

- Cor of said claim (Stone
 Marked B N^o 2)
- 483 Intersect N end line of
 Bagdad Mining Claim Lot N^o
 N 64° 30' E 150 ft from
 N E Cor of said claim
 (Stone marked B N^o 2)
- 1500 To point where I set a volcanic
 rock 18x12x6 ins 1 ft in ground
 and surrounded same with
 Mound of Stone, Rock Marked L. C. N^o 3
 No loc mon found
 Thence S 84° W
 Va 14° 29' East
- 100 To Bluff of mesa or plateau
 hrs S S W to point and N E
 said bluff is formed by
 volcanic reef about 50 ft
 high and nearly perpendicular
- 300 To loc mon for northerly end
 center of claim where I mark
 L. C. N^o 4 on volcanic rock in
 place projecting above surface
 15 ins high by 12 ins square and
 surrounded same with mound
 of stone
 Thence S 84° W (same course)
 Va 14° 29' East
- 710 To rocky bluff of plateau
 hrs S E and N W
- 300 To point where I mark L. C. N^o 5
 on S W face of volcanic boulder
 4 ft high by 4 ft square
 and on said boulder above
 mark, build mound of stones
 No loc mon found
 Thence S 6° E
 Va 14° 29' East
- 1500 To loc mon where I set a quartzite
 rock 18x16x8 ins 1 ft in ground
 and surrounded same with a
 mound of stones. Rock Marked
 L. C. N^o 6

Tut

Thence $N 84^{\circ} E$ Va $14^{\circ} 29'$ East300 To Mon and Stone L.C. I.M. No 1
place of beginning

Area

Total Area of Claim	20.66 Acres
Less Conflict with Claimed, with Dagdad M.L.	.78
Net Area	19.88

Location

This claim is located on the S Slope of a high mesa north of Copper Creek in Goshute Mining District, Yavapai County, Arizona and is on unsurveyed land

Improvements

Made upon this claim by claimant or grantors consist a Tunnel drive W 15 feet deep by 6x4 ft bars $N 51^{\circ} E$ 240 ft from Stone L.C. I.M. No 1. A cut 40 ft long from 4 to 10 feet deep with a Tunnel at NW end 20 ft deep by 6x4 ft. Mouth of Cut bars $N 28^{\circ} E$ 215 ft from Stone L.C. I.M. No 1. A cut 6x4x4 ft bars $N 6^{\circ} W$ 490 feet from Stone L.C. I.M. No 1 a cut 4x4x4 ft bars $N 6^{\circ} W$ 501 feet from Stone L.C. I.M. No 1. A cut 4x4x4 ft bars $N 16^{\circ} W$ 498 ft from Stone L.C. I.M. No 1 a cut 12 feet long by 6x4 ft bars $N 24^{\circ} W$ 510 ft from Stone L.C. I.M. No 1 and I hereby certify that the value of said improvements exceeds the sum of five hundred dollars

There have been no improvements

Made by other parties on
this claim

Instruments used a Gurley
Transit and 50ft steel chain
Var and course determined
by observation of Polaris

March 13 1886

C. B. Foster
U. S. Deputy Mineral Surveyor

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, *F. M. Howard* and *Daniel Katz*
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the
Little Chief
mining claim, situated 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 appli-
cant and the grantor exceed Five Hundred Dollars in value, and further that we are not per-
sonally interested in said mine.

F. M. Howard
Daniel Katz

TERRITORY OF ARIZONA,
County of *Yavapai* } SS.

W. C. Gaster

SWORN to and subscribed before me, this *20th* day
of *March* 188*6*

W. C. Gaster
Notary Public

FINAL OATHS FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

A LIST of names of individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing field-notes of the survey of...

The Little Chief Mining Claim located in Cusack Mining District Yavapai County, Arizona, showing the respective capacities in which they acted.

H. M. Howard Chainman, Daniel Katz Chainman, J. M. Howard Axeman, Flagman.

WE hereby certify that we assisted C. B. Foster U. S. Deputy Surveyor, in surveying...

The Little Chief Mining Claim claimed by John Rawler located in Cusack Mining District Yavapai County, Arizona, and in township No. Range No. of the Gila and Salt River base and meridian,

and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor General.

H. M. Howard Chainman, Daniel Katz Chainman, J. M. Howard Axeman, Flagman.

SWORN TO AND SUBSCRIBED before me this 20th day of March 1886

W. C. Foster Notary Public

I, C. B. Foster U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 24th day of February 1886, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General and the laws of the United States, surveyed all those portions...

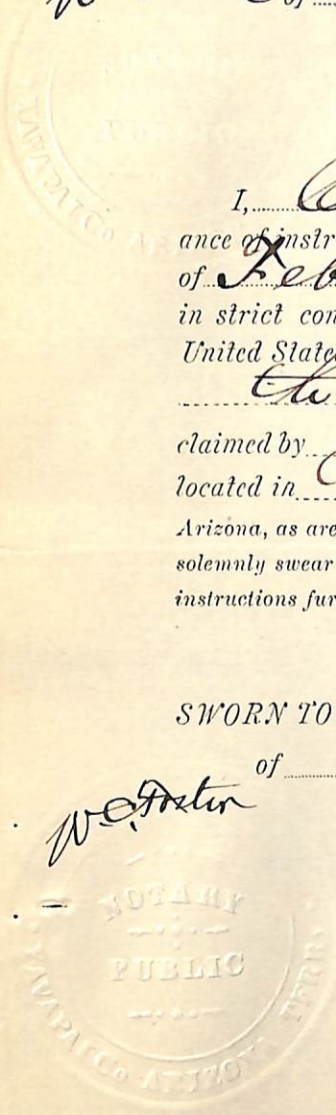
The Little Chief Mining Claim claimed by John Rawler located in Cusack Mining District Yavapai County, Arizona, as are represented in the foregoing field-notes as having been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the instructions furnished me, and that the foregoing are the true and original field-notes of such surveys,

C. B. Foster Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 20th day of March 1886

W. C. Foster

W. C. Foster Notary Public



Little Chief NOTICE OF LOCATION.

Know all Men by these Presents:

That L the undersigned, have this day Located Fifteen Hundred (1500) linear feet of this vein or lode, bearing precious metals, with all dips, spurs, angles and variations, with surface ground Three Hundred (300) feet on each side of the centre of vein, with all Mineral Deposits contained therein, and all Timber growing within the limits of said claim, and all Water and Water Privileges thereon or appurtenant thereto, under and according to the provisions of the Mining Laws of the United States, under which it is Located.

This claim commences at this Monument and Notice placed upon the ledge, and runs Fifteen Hundred (1500) feet in a Northerly direction along the ledge.

The Exterior boundaries are as follows, viz:—

Commencing at this Monument and Notice, and running Three Hundred (300) feet in an easterly direction to monument at S. E. corner of claim; thence in a northerly direction parallel with ledge Fifteen Hundred (1500) feet to monument at N. E. corner of claim; thence in a westerly direction at right angles across the ledge Six Hundred (600) feet to monument at N. W. corner of claim; thence parallel with the lode in a southerly direction Fifteen Hundred (1500) feet to monument at S. W. corner of claim; thence at right angles across the ledge in an easterly direction Three Hundred (300) feet to monument upon the ledge and place of beginning.

This ledge may be more generally described as situated about one half
mile North E. of the old rock Cabin on Copper
Creek. The South end Monument lays in small
Gulch about 300 ft from the discovery Mon-
ument in the Eureka Mining District, Yavapai
County Arizona Territory.

in _____ Mining District,
_____ County,

~~ARIZONA TERRITORY,~~

and shall be known as the Little Chief
Mining Claim.

DATED ON THE GROUND, this 3d day of

January ad. 1883

(sgd) John Lawler

LOCATION NOTICE.

CLAIMANT

.....
.....
.....
.....
.....

..... Mining District,

..... County,

Dated 188.....

Recorded at the Request of

.....
..... A. D. 188.....

at minutes past.....

..... M. in Book.....

of Mining Records, page.....

..... Recorder.

Recorded at the request of John Rowden
January 18th A.D. 1883, at 40 Minutes past
1 O'clock P.M. in Book 16 of Mining Records
of Hampshire County, pages 125-126-127.

By W. S. Bechtel
Deputy
Recorder
W. S. Bechtel
Deputy
Recorder

Territory of Arizona
County of Yavapai } ss.

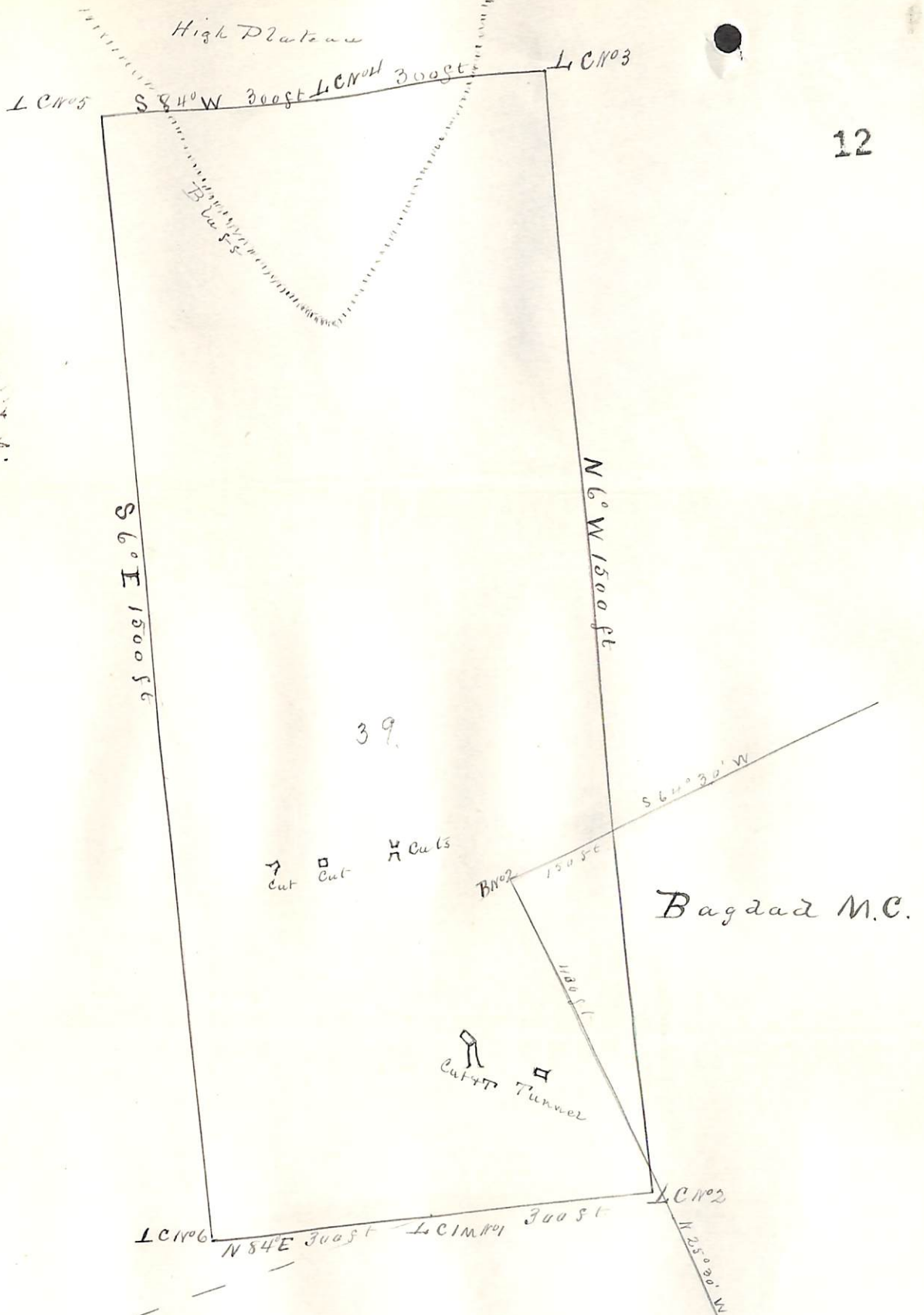
William Wilkerson
County Recorder in and for the County of
Yavapai, Arizona Territory, and Keeper
of the Records of said County, pertaining
to my office hereby certify that the above
and foregoing Manuscript is a correct
copy of the ^{record of the} notice of location of the
Little Chief Mining Claim, in Eureka
Mining District in said County of
Yavapai as made in Book 16,
Record of Mines at pages 125-126
& 127 of said County and Territory.

Witness my hand and official
seal this 20th day of February A.D. 1886

William Wilkerson
County Recorder

By W. E. Foster

Deputy



--- S 71° 15' W
1290 ft to corner

Plat
of the
Little Chief Mining Claim
Eureka Mining District
Yavapai County Arizona
Claimed by John Lawler
Surveyed by C.B. Foster U.S.D.S.
March 13 1886
Contains 19.92 Acres
• Seize 200 ft in
Va 14° 29' E

Location Notice
Little Chief
Sueba Det.

Yavapai Co -
A. J.



U. S. Surveyor-General's Office.

Tucson, Arizona, *May 1st* 1886.

The foregoing Field Notes of the survey of the
Little Chief Mining Claims
 situate in the *Eureka* mining district, *Yavapai*
 County, Arizona, claimed by *John Lawler*
 survey executed by *G. B. Foster* Deputy
 Surveyor, under instructions from this office, having been critically
 examined and the necessary corrections and alterations made, the said
 Field Notes and the survey they describe are hereby approved.

John Stice
 Surveyor General.

JUL 13 1910

JUN 6 1910

4-683.

MINERAL SURVEY No. 763 Amended

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Arizona Nevada Copper Company

KNOWN AS THE

Little Chief
Eureka

Mining District,

Maricopa County, Arizona

Section Approx., Township 14 N, Range 9 W, Unsur.

Surveyed under instructions dated May 4, 1910

by G. H. Spruce
U. S. Mineral Surveyor.

Claim located, 19

Survey commenced May 5, 1910

Survey completed May 12, 1910

6-822

Claimants P.O. address
1201 Union Trust Bldg
Los Angeles
Cal.

SURVEY NUMBER 763 AMENDED, LITTLE CHIEF.

Feet. Beginning at cor.No.6,
 A pine post 4 ins.square,5 ft.long,sunk 15 ins.in soft porphyry,scribed LC6-763Am in mound of earth and stone;
 Cor.No.6 of original survey bears S.33°28'W. 13.8 ft.
 Cor.No.2 Sur.No.761Am Hawkeye bears S.14°1'W. 192.0 ft.
 U.S.M.M.No.1 E.M.D. bears S.67°11-1/2'W. 1044.0 ft.
 Thence N.85°33'E.

300.0 Southerly end lode line.

600.0 ~~To cor. No.2 identical with the original cor.~~
 A stone chiseled LC2 which being loose on ground is made part of a mound of earth and stone surrounding a pine post 4 ins.square,5 ft.long,scribed LC2-763Am, which is centered over a X chiseled on solid rock 8 ins. below surface.
 identical with Cor.No.3,Sur.No.768 Am.,Bagdad, Cor.No.6 Sur.No.779 Am.North Bagdad bears S.43°39'E.
 184.1 ft.
 Thence N.5°4'W.

219.3 Intersect line 5-6 North Bagdad at S.22°37'E. 369.7 ft. from cor. No.5.

609.2 Intersect line 5-3 North Bagdad at N.66°24'E. 117.6 ft. from cor. No.5.

1471.6 To cor.No.3 identical with original cor.
 A loose basalt stone 6x10x16 ins.chiseled LC3 which I made part of mound surrounding a post 4 ins.square 5 ft. long set 18 ins.in ground and scribed LC3-763Am.
 Thence S.85°33'W.

300.0 Northerly end lode line.

600.0 To cor. No.5;
 A pine post 4 ins.square,5 ft.long scribed LC5-763Am set in crevice between large basalt boulders, and wedged firmly into position with smaller stones, whence
 Cor.No.5 of original survey bears S.85°33'W. 5.6 ft.
 Thence S.5°4'E.

1471.6 To cor. No.6, the place of beginning.

Iron in massed and scattered fragments of basalt renders the use of the needle impracticable. Average variation 16°E.

Area.	
Total Area	20.269 Acres
Conflict with North Bagdad Sur.No.779 Am.	0.499 "
	"

INSTRUMENT.

This amended survey was made with Berger & Sons Transit No.5067 in good adjustment. Distances were measured with 500 ft. and 50 ft. tapes. All bearings were deflected from the true meridian as determined by observations on Polaris, checked by solar observations both direct and with Bergers patent solar adapter.

LOCATION

This survey is located in Eureka Mining District, Yavapai County, Arizona, on unsurveyed ground, in about T.14.N., R.9 W., G.& S.R. B & M., Latitude 34°38'N.

ADJOINING CLAIMS.

Adjoining claims are Rim Rock, Fraction, Cross and Wedge, *lode* all unsurveyed and all owned by claimant Company, which adjoin this claim on the northwest, northeast, south and west, respectively, also the North Bagdad lode, Sur.No. 779 Am., on the east.

REPORT.

Recent and extensive explorations show that the underlying ore body is of blanket formation, and that the lode line must therefore be imaginary, therefore, ^{missing} corners

Nos.1 and 4 marking ends of same were not re-established.

5 is a basalt boulder of about 4 ft. cube chiseled
Original cor.No.3 is a basalt stone 10x12x16 ins. chiseled
LC 5 on N. face. Original Cor. No.6 is a porphyry stone 8x12x16
ed NB3 in small mound of stone.

ins. chiseled LC 6.

All posts described are painted white with pointed tops painted black. They are carefully centered over 6 in. spikes driven at exact point in bottom of post hole.

The monuments surrounding posts exceed 5 ft. base.

Where a stone is used for cor.an unmarked post is set alongside in mound as a marker.

This amended survey lies entirely within the limits of the original survey as marked by monuments on the ground, and is made under authority of Department, ^{letter} "N" of March 15, 1910 to establish parallel end lines, and to bring the claim within lawful limits.

J. N. Spruill
U.S. Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by

W. Spruce

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

Arizona - Nevada Copper Company

known as the

Little Chief

and showing the respective capacities in which they acted.

J. J. Stubbord

Chainman.

Wm Mueller

Chainman.

Arman.

Flagman.

FINAL OATHS OF ASSISTANTS.

We,

J. J. Stubbord

and

Wm Mueller

do solemnly swear that we assisted

W. Spruce, United States Deputy Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

Arizona - Nevada Copper Company

known as the

Little Chief

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

J. J. Stubbord

Chainman.

Wm Mueller

Chainman.

Arman.

Flagman.

My reason for swearing my assistants is that there is no Notary Public for many miles by wagon - and rail - road.

W. Spruce

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

13th

day of

May

1900.

W. Spruce

U. S. Mineral Surveyor

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, G. H. Speman, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 4, 1910, 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 Arizona - Nevada Copper Company, known as the Little Chief, situate in Cochise Mining District, Yavapai County, Arizona, in Section Approx, Township No. 14 N., Range No. 9 W. Unsurveyed, and designated as Survey No. 763 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 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.

G. H. Speman
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said G. H. Speman
U. S. Deputy Mineral Surveyor, before me A. W. [unclear]
and for Maricopa Co. at this 4th
day of June 1910,

My commission expires April 5, 1913.
E. A. [unclear]
Notary Public

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona

September 16, 1910., 190

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 Arizona-Nevada Copper Company
known as the LITTLE CHIEF
situate in Eureka
Mining District, Yavapai County, Arizona
in Section Approx., Township No. 14 N., Range No. 9 W., Unsur., and
designated as Survey No. 763 Amended, 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 improve-~~
ments made upon said mining claim by claimant or grantors, and that said improvements
consist of

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 S. Ingalls,

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.

September 16, 1910., 190.

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 Arizona-Nevada Copper Company

known as the

Little Chief

situate in Eureka Mining District,

Yavapai County, Arizona

in Section Approx., Township No. 14 N., Range No. 9 W. Unsur.

designated as Survey No. 763 Amended

executed by G. H. Spencer, U. S. Deputy Mineral

Surveyor, May 5-12, 1910., 190., under my instructions dated

May 4, 1910, pursuant to authority contained in Dept. letter "N" dated March 15, 1910., 190., 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.

Frank S. Dyess

U. S. Surveyor-General for Arizona.

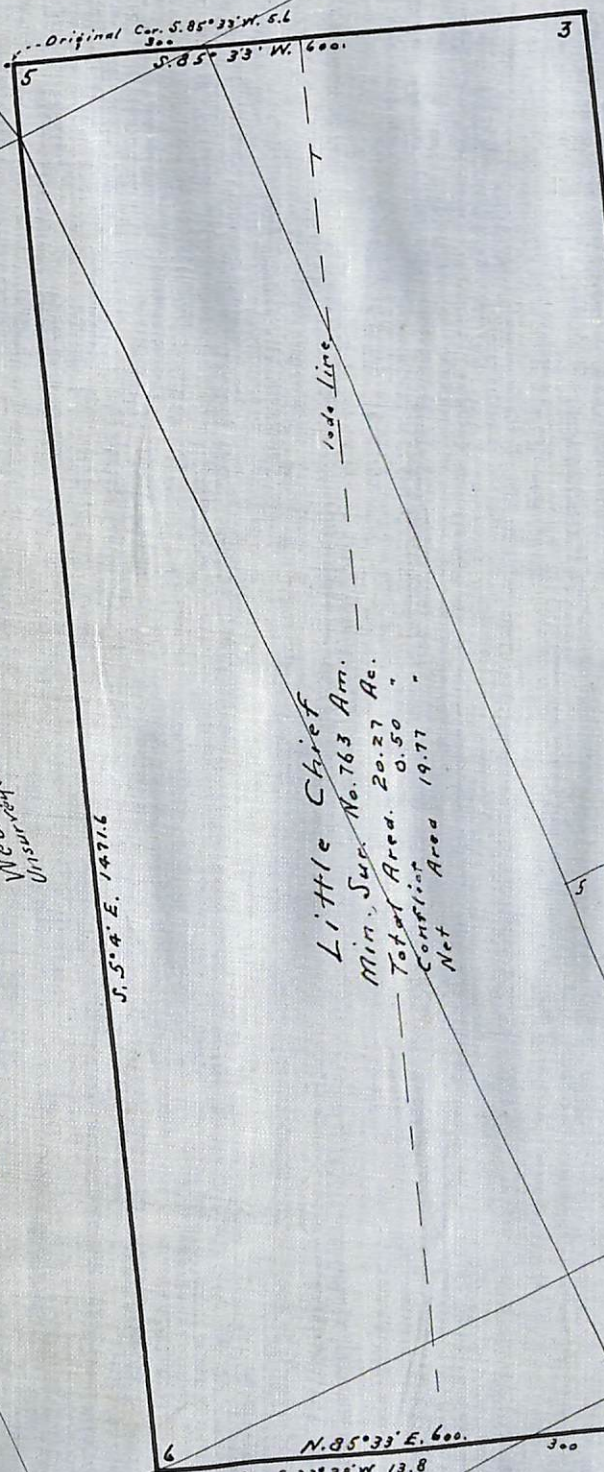
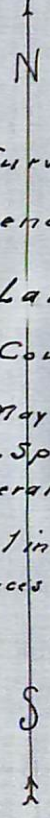
Rim Rock
Unsurveyed

Mineral Survey No. 763
Amended

Phoenix Land District
Yavapai County, Ariz.

Surveyed May 5-12, 1910
By G.H. Spencer
U.S. Mineral Surveyor

Scale: 1 in. = 200 ft.
All distances expressed in feet.



Little Chief
Min. Sur. No. 763 Am.
Total Area 20.27 Ac.
Confined Area 0.50 "
Net Area 19.77 "

Area 0.50 Ac
389.9

North Bagdad
Min. Sur. No. 779 Am.
P# 29

Bagdad
Min. Sur. No. 768 Am.
P# 20

To U.S.M.M. No. 1 E.M.P.
S. 67° 11' N. 1044.0
Sur. No. 761 Am.
Hawkeye
P# 13

Unsurveyed
P# 55

S. 19° 01' W.
192.0

Orig. Cor. S. 33° 28' W. 13.8

177.6

369.7

609.2

219.3

300

S. 66° 22' W

S. 43° 39' E.
184.1

S. 43° 39' E.
184.1