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J.E.S.

(4-683.)

Mineral Survey No. 1029 A and B

Lot No. _____

Gita

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Detroit Copper Mining
Company of Arizona.

KNOWN AS THE

"Annie Ryerson" and "Morenci" Lodes
and "Number One" Mill Site
Copper Mountains Mining District,
Gravame County, Arizona.

Section _____, Township 44 N 3 E, Range 29 E

Surveyed under instructions dated Sept 23rd, 1891.

by Geo. M. Robison

U. S. Deputy Mineral Surveyor.

Annie Ryerson Located Jan 1st 1886
" " Amended Aug 1st 1891

Morenci Claim located January 1st, 1886 Mill Site
" " relocated Aug 1st 1891
Survey commenced Nov. 1st, 1891 Located
Survey completed Nov. 13th, 1891 Sept 8th 1891

o 6-160

Address of Applicant

5462 b-3 m

The Detroit Copper Mining Company
Morenci

L. Swamy
Agent.

Arizona

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

I we, Bat P Leary and _____,
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~~ ^{my} skill and ability, and in accordance with instructions given ~~us~~ ^{me}, in the survey of
the Mining Claim of The Detroit Copper Mining
Company of Arizona, known as the
Annie Ryerson and Morenci Lodes
and the Number One Mill Site
situate in Copper Mountain mining district,
Graham County, Arizona,
in Section _____, Township No. _____, Range No. _____.

Bat P Leary, Chainman.
_____, Chainman.

Subscribed and sworn to by the above-named persons before
me this 31st day of October, 1891.

J. F. Frissmuth
Notary Public

I, Bat P. Leary, 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 The Detroit Copper Mining Com-
pany of Arizona
known as the Annie Ryerson and Morenci
Lodes and Number One Mill Site
more fully described in the preceding affidavit.

Bat P. Leary, Axeman.

Subscribed and sworn to by the said Bat P
Leary before me this 31st day of
October, 1891.

J. F. Frissmuth
Notary Public

I, Bat P. Leary, 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 The Detroit Copper
Mining Company of Arizona
known as the Annie Ryerson and Morenci
Lodes and Number One Mill Site
more fully described in the preceding affidavit.

Bat P. Leary, Flagman.

Subscribed and sworn to by the said Bat P
Leary before me this 31st day of
October, 1891.

J. F. Frissmuth
Notary Public

Feet

Survey No 1029 A.
 Annie Ryerson Lode
 Beginning at Cor. No. 1
 Identical with Cor No 1 of
 Amended location and the corres-
 ponding corner of Original location
 A pine post 3x5 inches by 4½
 feet long set 2 feet in the ground
 with mound of stones marked $\frac{1}{1029} A$
 Whence

U. S. Mineral Monument No 4
 bears S. $19^{\circ}34' E$ 2049.4 ft
 A Sharp Mountain peak (Name
 if any unknown) bears S. $63^{\circ}19' W$
 Another peak (Name unknown)
 bears N $49^{\circ}30' W$

(No local bearings available)

Thence N $38^{\circ}48' W$

Variation $14^{\circ}45' E$

400 Cross wagon road owned by the
 Arizona Copper Company at
 nearly right angles

510 Bottom of a dry gulch, course
 down North East.

600 To Cor No 2

Identical with Cor No 2 of the
 Amended location (whether original cor
 also or not I could not determine)

Cor. No. 2 is a pine post 3x5-
 inches by 4½ feet long set 2 feet
 in the ground and in a mound
 of stones marked $\frac{2}{1029} A$

(No bearings available)

Thence N $55^{\circ}30' E$

Variation $14^{\circ}15' E$

350 Gulch before crossed, Course North East.

13-00 To Cor No. 3

This point comes in the bottom
 of the gulch before crossed where
 floods would be apt to destroy
 a corner. I therefore set
 witness corner on line 3-4.

feet. From Cor. No 3. to location Cor No 3.
 is N 38° 48' W. 48 feet.
 (No local bearings available)
 Thence S. 38° 48' E
 Variation 14° E.

46. Set witness Cor No 3.
 A pine post 3x5 inches by 4 1/2 ft
 set 2 ft in the ground and in
 mound of stones marked W.C. $\frac{3}{1029} A$

600. To Cor. No. 4
 A pine post 3x5 inches by 4 1/2 ft
 long set 2 ft in the ground and in
 mound of stones marked $\frac{4}{1029} A$.

This is also the centre stake west
 end of the Yankee Lode Lot No 40
 owned by The Detroit Copper Mining
 Company and Cor. No 6 this survey.
 This corner is identical with
 the corresponding corner of both the
 Location and Amended Location
 Thence S. 55° 30' W.

Variation 14° 15' E

480 To bank of open cut (described under
 Improvements)

750 Cross A. C. Co's Wagon road. Course
 North West and South East.

1300 To Cor No 1 the place of beginning.

Morenci Lode.

Beginning at Cor No 5
 marked $\frac{5}{1029} A$ and $\frac{1}{1029} A$ It being
 identical with Cor No 1 of this
 survey and with Cor No. 1 of the
 relocation of the Morenci Lode.

Thence N 55° 30' E $\frac{1}{2}$ 14° 35' E

240. To N. W Cor Morenci. Original Location.

750. A. C. Co's Wagon road

1020. Bank of Cut described under
 "improvements."

1500. To Cor No 6

Identical with corresponding
 corner of Location and Relocation

Feet of this lode, and with Cor. No 4
of this survey.

Cor. Marked $\frac{4}{1029}A$ and $\frac{6}{1029}A$

Thence S. $14^{\circ}22' E$,

Var. $14^{\circ}15' E$.

Along West end line of the Yankee
Lode returned in that survey as
S. $14^{\circ} E$

300 To Cor. No 1 Yankee Lode Lot No 40
and a corner of the Moroni Lode
as per original location and from
which another original corner bears
N $75^{\circ}46' E$ 230.5 feet.

5-65 To Cor No 7.

Identical with relocation corner
and from which a corner of the
original location bears N $55^{\circ}30' E$ 280.7 ft.

Cor No 7 is a pine post 3x5
inches by $4\frac{1}{2}$ ft long set 2 feet in
the ground and in a mound
of stones and marked $\frac{7}{1029}A$

This corner is on the North side
line of the Montezuma Lode Lot No. 39
The Detroit Copper Mining Company
owners at a point N $55^{\circ}30' E$
756.1 ft from Cor. No. 1 and 733.9 ft
from Cor No 2. Thus making
that line N $55^{\circ}30' E$ 1490 feet
instead of N $60^{\circ} E$ 1499.85 ft
as given in the return made of
that claim.

Thence S $55^{\circ}30' W$

Var. $14^{\circ}15' E$

Along the North boundary of the
Montezuma Lode.

200. Cross Detroit Copper Mining Company's
railroad "Byerson Branch." at nearly
right angles.

350. Cross A.C. Co's wagon road right angles.

756.1 Cor. No 1 Montezuma Lode. Lot No 39

1500 To Cor. No. 8

Feet

Identical with the relocation corner
The Original corner along this line
I failed to find and identify.

Cor No. 8. is a pine post 3x3-
inches by 4½ ft long set 2 ft in
the ground and in a mound of
stones marked $\frac{8}{1029 A}$.

U.S. Mineral Monument No 4 bears.

S. 21° 33' E

(No local bearings available)

Thence N 14° 22' W

Variation 14° 45' E.

400

Top of hill North of Mornici.

565-

To Cor No 8 the place of
beginning.

Area

Total and Net area of the
Annie Rjerson Lode = 20.603 Acres

Total and net area of the
Mornici Lode. = 18.267 Acres

Net area of Lode claim 38.87 Acres

Survey No 1029 B.

"Number One" Mill Site

Beginning at Cor No. 1 a pine
post 4x4 inches by 4 ft long set 1 ft
in the ground to bed rock and
in a mound of stones marked
 $\frac{1}{1029 B}$ from which.

U. S. Mineral monument No 2
bears S. 87° 22' W. 1736.1 ft.

(This connection is erroneously
given in the location certificate
as S. 85° 3' W 1740.8 ft. That being
the course and distance run on
random line in making the location
survey, and erroneously copied in
the location certificate as the
true connection)

- Feet Cor No 1 W^m Church Placer Lot No 5-9 W^m Church applicant (Application and Entry Cancelled) bears
 S. $87^{\circ} 47' N.$ 1561.1 feet.
- Cor No 1 - 1029A bears
 N $34^{\circ} 57' 51'' W.$ 30821.0 feet.
 (No local bearings available)
 Thence N $60^{\circ} 11' E$
- 15 To right bank and water's edge of the San Francisco River. Bank 20 feet high.
- 130 Water's edge left bank - low and sandy.
- 281.2 To Cor No 2
 A pine post 4x4 inches by 4½ ft long set 2 ft deep in the ground and in mound of stones. marked $\frac{2}{1029} B.$ from which
 A blazed pine tree 4" dia marked B.T. $\frac{2}{1029} B.$ bears North 8 feet.
 Thence S. $14^{\circ} 55' E$
- 801.5 To Cor No 3.
 A pine post 4x4 inches by 4 ft long set 1 foot in the ground to bed rock and in mound of stones and earth marked $\frac{3}{1029} B.$
 No bearings available
 Thence S. $60^{\circ} 11' W$
- 207.2 Set Witness Cor No 4
 A pine post 4x4 inches by 4 ft long set 1 foot deep to bed rock and in mound of stones marked $\frac{W.C. 4.}{1029} B$
247. Water's edge at mouth of an Arroyo.
- 281.2 To Cor No 4 also Cor 4 Mill site No. 2 Survey No 1030 B. The Detroit Copper Mining Co. owners. This Corner being in the water at mouth of Arroyo. I set Witness Corner before described at 74 ft N $60^{\circ} 11' E$ of true corner.

Feet
 200
 242.8
 801.5

Thence $N 14^{\circ} 55' W$
 Water's edge right bank of river
 low bank and sandy.
 Cor. No 3 Mill site No 2 Sur. No 1030B
 Witness Cor 3-1030B bears from
 true corner $S. 60^{\circ} 11' W$ 239.4 ft
 To Cor No 1 the place of beginning.
 Containing 5.0 Acres.
 Variation at all corners $12^{\circ} E$.
 The Survey of Mill site No 1 is
 identical with the location.
Location of Claim.
 The Annie Ryerson and Mornci
 locations which constitute survey
 No 1029 A. are about a half
 mile north of the town of
 Mornci in Graham County
 Arizona and adjoin the Yanki
 and Montezuma mines on the
 West and north and are on
 ground not subdivided
 Survey No 1029 B. is situated on
 the San Francisco river about three
 miles below the town of Clifton Graham
 County and $\frac{1}{4}$ mile above the
 Detroit Copper Company's dam in said river.
 Expenditure of five hundred dollars.
 I certify that the value of the
 labor and improvements
 upon each of the lode locations
 constituting this claim placed
 thereon by the claimant and
 its grantors is not less than
 five hundred dollars and that
 said improvements consist of
 A tunnel whose mouth bears
 $N 72^{\circ} W$ 185 ft from Cor No 4
 in decomposed rock size $3\frac{1}{2} \times 6\frac{1}{2}$
 ft Driven $S. 26^{\circ} E$ 94 ft
 Value \$650⁰⁰
 A shaft 4×4 ft 43 ft deep in
 decomposed rock and earth which

Bears from Cor No 4, S. 85° W. 146 ft.
Value \$250⁰⁰

A Shaft 5x8 ft 42 ft deep in
rock bears from Cor No 4
S. 58° W. 462 ft
Value \$420⁰⁰

An open cut 20 ft face 75 ft
long 20 ft wide around the last
mentioned shaft ²/₃ of which is on
the Annie Ryerson and ¹/₃ on the
Mornci location.
Value \$500⁰⁰

A Tunnel 85 ft long Course
S. 42° W size 4x6 1/2 ft. in rock and
earth, the mouth of which bears
S. 62° W 545 ft from Cor No 4
Value \$600⁰⁰

A Winze 42 ft deep in the
last mentioned tunnel 19 ft
from its mouth size 4x4 ft. in rock.
Value \$400⁰⁰

An Appraise from the breast
of the above tunnel. 35 ft 4x4 ft
in rock
Value \$200⁰⁰

An open cut 100 x 25 ft and
average depth 30 ft. in rock the
mouth of which bears S. 77° W
490 ft from Cor 4 running thence
South West.
Value \$2000⁰⁰

A tunnel 4x6 1/2 ft. whose mouth
bears from Cor No 4 S. 71° W.
635 ft and running thence S. 83° W.
105 ft, thence N 7° W 161 ft to
breast, driven in rock.
Value \$2000⁰⁰

A shaft 4x4 ft 35 ft deep in rock
bears from Cor No 4. S. 85° W 740 ft
Said shaft connects with last
mentioned tunnel
Value \$200⁰⁰

A shaft 4x4x35-ft deep driven in rock connecting with last mentioned tunnel bears from Cor No 4.

S. 80° W 735-ft.

Value \$200.00

A shaft 4x6 ft. in rock 5-7 ft deep bears from Cor No 6.

S. $35^{\circ} 30'$ W. 15-1. ft.

Value 570.00

An open cut from the above shaft extending 50 ft S. $35^{\circ} 30'$ W 14 ft wide and 10 ft deep in rock and dirt.

Value \$500.00

An open cut in rock 13-ft long 4 ft wide 10 ft face bears from cor No. 8 N 35° E. 800-ft

Value \$500.00

An Ore bin 12x15-ft. The N.E. Cor. of which bears from Cor No 6.

S. $49^{\circ} 15'$ W 400 ft.

Value \$200.00

About 1000 ft of railroad spur track from main line 20 inch gage. Crossing the South side line 200 ft from Cor No. 7 and running thence to the Ore bin as shown on plat.

Value \$1000.00

Total value of improvements on Survey 1029 A. by the Claimants is.

\$9740.00

Other improvements

The Arizona Copper Company's wagon road located as shown on plat.

There are no other improvements.

Instruments used.

This survey was made with a Gurley Solar transit and a steel tape 100 ft long.

The courses were deflected from a true meridian obtained by the solar apparatus. All lines were run independent of other surveys and the results checked by triangulation
Note. —

Mill site "Number One" Survey No 1029B is used by the Detroit Copper Mining Company in connection with four adjoining mill sites as a reservoir for the storage of water for use in the Smelter and Concentrator owned by the applicants and situated on one of their lode claims.

This water is essential to the profitable working of the mines.

The improvements made by the applicants consist of a dam on Mill site No 3 and a mill race extending thence to a water wheel and steam power pumping plant situated on Mill site No 5. where water is forced to the mines about five or six miles distant. The cost of said improvements is not less than \$25,000.

There is no timber or other valuable product upon said claim and the ground is believed to be absolutely worthless except for the purpose above given.

About two thirds of said millsite is covered by water.

Geo. M. Robison
 U S Dep. Min. Surveyor

Moroni Arizona
 April 8th 1892

Affidavit of Five Hundred Dollars Improvements.

We, Gordon McLean and Alexander M^cLean

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the

Annie Rysrou and Morenci Lode mining claim, situated in
Copper Mountain Mining District, Graham County,

Arizona Territory, for which The Detroit Copper Mining
Company of Arizona

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 its grantors exceed Five Hundred Dollars in value, and further that we are not
personally interested in said mine.



Gordon McLean

Alexander M^cLean

TERRITORY OF ARIZONA,
County of Graham } ss.

SWORN to and subscribed before me, this 13th day
of November 1891.

J. Traissner
Notary Public

NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA,

County of Graham } ss.

Gordon McLean and Alexander D McLean of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says; that he is well acquainted with the land of the "Number One" Mill Site — mill-site claim, situated in Copper Mountain — Mining — District, Gila and Salt River Meridian, in the County of Graham — and Territory of Arizona, claimed by The Detroit Copper Mining Company of Arizona applicant — for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by Geo. M. Robison United States Deputy Mineral Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper, or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposit; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim improvements, to-wit: Partly Covered by back water from a dam built on Mill Site No. three owned by this Company, said water being pumped to the Mines of this company to supply Smelter, boilers, Concentrator, & of the Company with water without which it would be impossible to work the mines. and that he has no interest whatever in said described mill-site claim.

Gordon McLean
Alexander D McLean

Subscribed and Sworn to before me this 30th day of November A. D. 1891, and I hereby certify that the foregoing affidavit was read to the said Gordon McLean and Alexander D McLean previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.

L. F. [Signature]
Notary Public.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Geo. M. Robison
 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 The Detroit Copper Mining Company of Arizona
 known as the "Annie Ryerson" and "Morenci"
Lodes and the Number One mill site
 and showing the respective capacities in which they acted.

Bat. P. Leary } Chainman.
 _____ } Chainman.
 _____ } Axman.
 _____ } Flagman.

FINAL OATHS OF ASSISTANTS.

We, I Bat P Leary
 and _____, do solemnly swear that we assisted Geo. M.
Robison, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of The Detroit Copper
Mining Company of Arizona
 _____, known as the Morenci and
Annie Ryerson Lodes and the Number one Mill site, 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 my 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

Bat P Leary } Chainman.
 _____ } Chainman.
 _____ } Axman.
 _____ } Flagman.

Subscribed and sworn to by the above-named persons before me
 this 13th day of November, 1891.

L. Mansueti
 Notary Public

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, Geo. M. Robison, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Sept 23rd, 1891, 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 The Detroit Copper Mining Company of Arizona, known as the Annie Ryerson & Morenci Lodes. and the Number one Mill Site situate in Copper Mountain Mining District, Graham County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 1029 A.B., 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.

Geo. M. Robison
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Geo. M. Robison,
U. S. Deputy Mineral Surveyor, before me A Notary Public
this 13th
day of November, 1891.

L. F. Fessenden
Notary Public

Copy.

Location Notice

Notice is hereby given that the undersigned have this day located and claim the following described ground along the course of this vein of iron & Copper commencing at a point about 400 feet from the N.W. corner of the Montezuma Mine in said Montezuma side line thence running a northerly direction 200 feet to side line of Yankee Mine thence running along said Yankee side line to N.E. corner of Yankee Mine thence running in a southerly direction along end line of Yankee Mine a distance of 300 feet to a monument the N.E. corner of Annie Ryerson claim & following along side line of Annie Ryerson claim to a monument thence running southerly six hundred feet to a monument thence easterly 1500 feet to place of beginning.

This claim shall be known as the Marenci Mine

Located and dated on the ground this 1st day of July 1884.

A. D. McLean Locator
Marce D. East Locator

Witness:
John W. McLean

POOR QUALITY

The following pages are scanned at the best possible quality setting. The original pages are of poor quality and this is the best possible reproduction.

Filed for record Jan'y 1st 1884 at 1:30
o'clock P.M. & Recorded at 2 o'clock
P.M. Jan'y 1st 1884 request of
J. W. McLean
Geo. Stevens, Recorder
By P. Michelena
Deputy

Territory of Arizona
County of Graham
J. J. Darrall County
Recorder in and for the County of
Graham Territory of Arizona do
hereby certify that the foregoing is
a true and correct copy of the
Morrice Mine as appears on
record in Book 4 Record of Mines
on Page 168 Record of Graham
County Arizona Territory

Witness my hand and
Seal this 28 day of
August A.D. 1891

J. J. Darrall
County Recorder

Copy
Original location of
Morrice Mine

[Faint, mostly illegible handwritten text, possibly bleed-through or a second set of notes.]

Notice of Relocation
Territory of Arizona }
County of Graham } ss.

Know all men by these presents, that
The Detroit Copper Mining Company of
Arizona the undersigned corporation of
the United States, has this the 1st day of
August 1891, Relocated and claimed by
right of discovery and location, and
do hereby claim by virtue of such
right, Fifteen hundred feet linear and
horizontal measurement in length,
and Two hundred and Sixty five feet
in width on each side of the middle of
a certain lode vein ledge or deposit,
along the course of the same with its
strike, dip and angles, together with
the amount of surface allowed by
law. The said lode, vein, ledge or
deposit, hereby relocated and claimed
as aforesaid, is situated in Copper
Mountain Mining District,
Graham County, Territory of Arizona
and is bounded and described as
follows to-wit:

Commencing at Cor No 1 from which
US Mineral Monument No 4 bears
S 19° 34' E 2049.4 ft Thence N 55° 30' E 750 ft
to centre stake 1500 ft to Cor No 2. Thence
S 14° 22' E 565 ft to cor No 3. Thence
S 55° 30' W 750 ft to stake 1500 ft to Cor
No 4 Thence N 14° 22' W 565 ft to the place

of beginning courses given from the true
meridian Variation of needle $14^{\circ} 6'$ to 14°
 $45'$ E. This claim adjoins the Montezuma and
Yankie Lodes on the side and ends
respectively 150 ft of this claim lies
North East and 1350 ft South West of
the discovery cut.

The name of said vein, ledge or deposit
so relocated is the Morenci Mining
claim or lode.

Discovered January 1, 1886

Located January 1st 1886

Geo. M. Robinson, locator

The Detroit Copper
Mining Co of Arizona
L. S. Sweeney, agent & locator

Recorded Aug 7, 1891 at 9 o'clock A.M.

at the request of L. Sweeney, agent

H. J. Duvall

County Recorder

Territory of Arizona, ss.

County of Graham

H. J. Duvall County

Recorder in and for the County of

Graham Territory of Arizona do hereby

certify that the foregoing is a full

true and complete copy of the

Morenci Mining Certificate, as

appears on record in Book 7 Record

of Mines on Page 136 Records of

Graham County Territory of Arizona

Witness my hand and seal
this the 25th day of August

1896
J. D. Davidson
County Clerk
Robeson County
North Carolina

1896
J. D. Davidson
County Clerk
Robeson County
North Carolina

1896
J. D. Davidson
County Clerk
Robeson County
North Carolina

POOR QUALITY

The following pages are scanned at the best possible quality setting. The original pages are of poor quality and this is the best possible reproduction.

Moroni,
Relocation
Certified Copy.

Copy

1881
I have the honor to acknowledge the receipt of your letter of the 14th inst. and in reply to inform you that the same has been forwarded to the proper authorities for their consideration. I am, Sir, very respectfully,
Your obedient servant,
Wm. B. Davis
Governing Council

1881
I have the honor to acknowledge the receipt of your letter of the 14th inst. and in reply to inform you that the same has been forwarded to the proper authorities for their consideration. I am, Sir, very respectfully,
Your obedient servant,
Wm. B. Davis
Governing Council

I have the honor to acknowledge the receipt of your letter of the 14th inst. and in reply to inform you that the same has been forwarded to the proper authorities for their consideration. I am, Sir, very respectfully,
Your obedient servant,
Wm. B. Davis
Governing Council

Copy Location Notice

Notice is hereby given, that the undersig-
 - ed in compliance with the requireme-
 - ents of the Mining Act of Congress
 approved May 10th 1872 have this
 day located and claim fifteen
 hundred linear feet along the course
 of this lead lode or vein of mineral
 bearing iron + Copper and three
 hundred feet in width on each
 side of the middle of said lead lode,
 or vein situated in the Copper
 Mountain Mining District County
 of Graham Arizona, and more particu-
 - larly described as follows to-wit:
 Commencing at this monument of
 stones being the center of the North end
 of Claim and upon which this
 Notice is posted, thence North three
 hundred feet to a monument of
 stones; thence South West fifteen
 hundred feet to a monument of
 stones; thence South six hundred
 feet to a monument of stones; thence
 North East fifteen hundred feet to a
 monument of stones; thence North
 three hundred feet to place of begin-
 - ning. This claim being bounded on
 the North by the Yankee Mine
 which is a patented claim owned
 by the Detroit Copper Mining
 Company. This is intended to be

a relocation of the
Eliena claim located by Peter
- Hanser and - Donkin & forfeited
by reason of non-compliance with
Law and shall be known
as the Annie Ryerson Mine
located & dated on the ground this
1st day of Jan'y 1886

A. D. McLean Locator
witnesses John W. McLean Locator
Wallace McDonald
Horace D. Gast

Filed at 10 o'clock P. M. Jan'y 1st 1886
& recorded at the request of J. W. -
McLean Jan'y 1st 1886 at 11:30
P. M. Geo. H. Stevens Recorder

By P. Michelena Deputy

Territory of Arizona
County of Graham

I G. J. Dawdle County
Recorder in and for the County of
Graham Territory of Arizona do
hereby certify that the foregoing is
a true and correct copy of the

Annie Ryerson Mine as appears
on Record in Book 4 Record of Mines
on Page 146 Records of Graham
County - Arizona Territory

Witness my hand and Seal this
the 28 day of August A. D. 1891

G. J. Dawdle
County Recorder
Graham County
Arizona - T.

Copy

Original location of

Annie Ryerson

Notice of Amended Location
Territory of Arizona } ss.
County of Graham }

Know all men by these presents that
The Detroit Copper Mining Company
of Arizona the undersigned Corporation
of the United States, has this the 1st
Day of August 1891. Amended the locati-
on and claimed by right of discovery
and location, and does hereby claim
by virtue of such right, Fifteen
hundred feet linear and horizontal
measurement in length and Three
hundred feet in width on each side
of the middle of a certain lode vein
ledge or deposit along the course of the
same with its spurs dips and angles,
together with the amount of surface
allowed by law. The said lode
vein ledge or deposit hereby located
and claimed as aforesaid is situated
in Copper Mountain Mining District
Graham County Territory of Arizona
and is bounded and described as follows
to-wit:

Commencing at cor No 1 from which
U.S. Mineral Monument No 4 bears
S 19° 34' E 2049.4 ft Thence N 38° 48' W
600 ft to Cor No 2 Thence N 35° 30' E 750 ft
to centre stake 1500 ft to Cor No 3
Thence S 38° 48' E 600 ft to Cor No 4
Thence S 55° 30' W 750 ft to centre stake

Annie Ferguson.
Amended.
Certified Copy.

Territory of Arizona } s.s.
 County of Graham

To all whom these Presents May Concern:
 Know ye that The Detroit Copper Mining
 Company of Arizona by L. Sweeney Agent
 hereby declares and publishes to the world that
 said Company has a valid right to the
 occupation, possession and enjoyment
 of all and singular that tract or parcel
 of land situate lying and being in
 Copper Mountain Mining District
 Graham County Arizona bounded and
 described as follows to-wit:

Beginning at Cor No 1. Whence U. S
 Mineral Monument No 2. bears $S 85^{\circ} 3' W$
 1740.8 feet and running Thence $N 60^{\circ} 11' E$
 281.2 ft to Cor No 2. Thence $S. 14^{\circ} 55' E$ 801.5 ft
 to Cor No 3. Thence $S 60^{\circ} 11' W$ 281.2 ft. to Cor
 No 4 Thence $N 14^{\circ} 55' W$ 801.5 ft. to Cor
 No 1 the place of beginning Containing
 five Acres together with all and
 Singular the hereditaments and
 appurtenances thereunto belonging or
 in anywise appertaining.

The name of the said claim or parcel
 of land shall be The Number One Mill
 Site.

Located Sept 8th 1891

Magnetic Variation 12° East

Witness

Geo M Robison

The Detroit Copper Mining
 Co of Arizona
 by L. Sweeney Agt

Locator

Recorded Sept 16, 1891 at 9 o'clock A.M.
at the request of L. Sweeney

H. J. Davdle
Co Recorder

Territory of Arizona }
County of Graham } ss.

I, H. J. Davdle County
Recorder in and for the County of
Graham Territory of Arizona do hereby
certify that the foregoing is a true and
correct copy of The Number One Mill
Site as appears on Record in Book 1 of
Mill Sites on Pages 100 and 101 Records of
Graham County Arizona.

Witness my hand and
Seal this the 16th day of
September A.D. 1891

H. J. Davdle
County Recorder
Graham County
Arizona

a copy
of

The Number One Mill Site

SURVEY No. 1029 A. & B.

GILA LAND DISTRICT,

PLAT OF THE CLAIM OF
THE DETROIT COPPER MINING COMPANY OF ARIZONA
CONSISTING OF THE

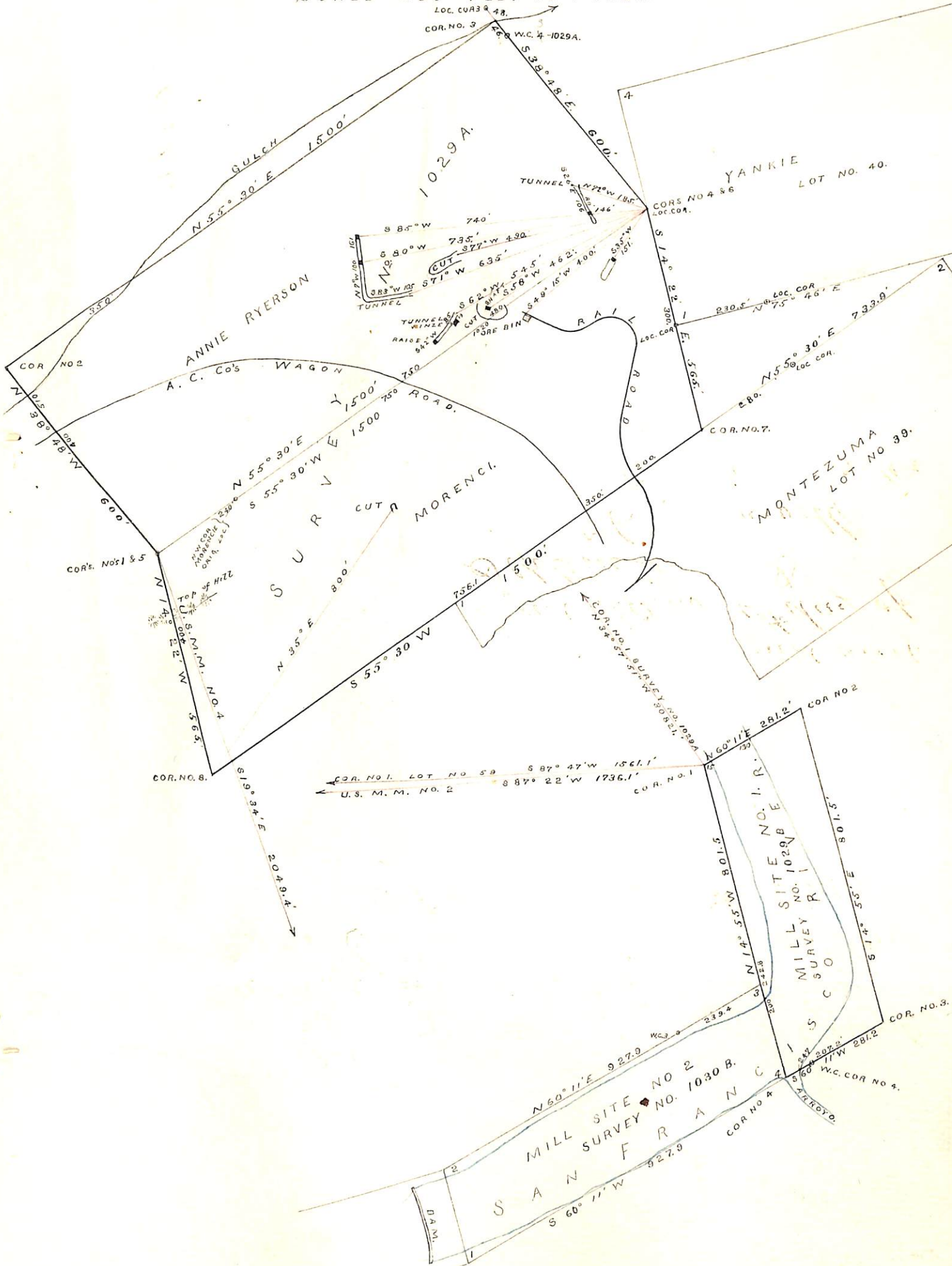
ANNIE RYERSON AND MORENCI LODS AND THE NUMBER ONE MILL SITE,
COPPER MOUNTAIN MINING DISTRICT, GRAHAM COUNTY, ARIZONA.

SURVEYED UNDER INSTRUCTIONS DATED SEPT 23RD 1891 BY GEO. M. ROBISON U.S. DEP. MIN SURVEYOR.

SURVEY COMMENCED NOV. 1ST 1891 AND COMPLETED NOV. 13TH 1891.

NET AREA — LODS, 38.87 ACRES — MILL SITE 5.00 ACRES.

SCALE 300 FEET TO 1 INCH.



(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,

Mesaon, Arizona
July 13th, 1892.

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

The Detroit Copper Mining Company of Arizona

, known as the

Annie Peterson and Morenci Lodes; and "Number One" mill-site;

situate in Copper Mountain mining district,

Grant County, Arizona

in Section _____, Township No. _____, Range No. _____

and _____, designated as Survey No. 1029. A. and B.

executed by Geo. H. Robinson, U. S. Deputy Mineral

Surveyor, November 1. - 13th, 1891, under my instructions dated

September 23rd, 1891, 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.

Robert Johnson

U. S. Surveyor General for

Arizona

o 6-162