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air checked
Resurveyed

(4-683.)

Mineral Survey No. 1171

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Detroit Copper Mining Company of Arizona

KNOWN AS THE

Wellington Colorado and Montana Lodes Copper Mountain Mining District,
Graham County, Arizona

Section _____, Township 4, Range Unsurveyed

Surveyed under instructions dated April 6th, 1895

by Geo. M. Robison

Claim located { Wellington, Jan 1st 1886 U. S. Deputy Mineral Surveyor.
Colorado Feb 20 1895 Amended Feb. 20 1895
Montana Feb. 20th 1895 } .

Survey commenced May 16th, 1895

Survey completed May 30th, 1895

o 6-160

Address

The Detroit copper mining Co,

Louis L. Greening, agt,

Morenc, A.T.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

I, Ricardo Rojas 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 ^{my} skill and ability, and in accordance with instructions given us, in the survey of
the Mining Claim of The Detroit Copper Mining
Company of Arizona, known as the
Wellington Colorado and Mountain Lodes
situate in Copper Mountain mining district,
Graham County, Arizona,
in Section _____, Township No. _____, Range No. Unsurveyed.

Ricardo Rojas, Chainman.
_____, Chainman.

Subscribed and sworn to by the above-named persons before
me this 16 day of May, 1895.

Harry Van Sledright
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.
None Employed, 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.
None Employed, Flagman.

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

Feet.

Survey No 1171Wellington LodeBeginning at Cor No 1

Identical with Cor No 2 of the Am. Location.

A pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked 1171 Wel. Whence

U. S. Min. Mon. No 4 Copper Mountain Mining District bears S. 23° 53' E. 2623.4 ft

This corner is also Cor No 2 of the Annie Ryerson lode ^{Mineral} U. S. Survey No 1029AThence N. 38° 48' W.Var. 14° 10' E.

297

Rocky crest of hill Course S.W. + N.E.

600

To Cor No 2.

Identical with Cor No 3 of Amended location.

A pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked ²1171 Wel. Whence

A blazed pine stump 6" dia 1 ft high bears N 82° 10' E 13.9 ft

A blazed pine stump 5" dia 1 ft high bears S. 42° 50' W 6.7 ft

Both marked B.S. ²1171Two high peaks names unknown bear respectively N. 59° 16' E ² and N 32° 5' W.Thence N 55° 30' EVar 14° 50' E

250.

To a dry gulch Course East.

1500.

To Cor No 3.

Identical with Cor No 4 of Amended location.

This point is upon porphyry bedrock. I therefore drilled a hole in the rock and drove in

Feet a 1" iron pipe $3\frac{1}{2}$ ft long 3 ft above rock, and marked the rock near the bottom of the pipe $\frac{3-6}{1171}$ (It being also Cor No 6 of this survey) Whence

A blazed pine stump 10" dia 18" high marked B.S. $\frac{3-6}{1171}$ bears S. 37° E 5-6 ft.

A blazed pine tree 6" dia marked B.T. $\frac{3-6}{1171}$ bears S. 20° W 36.8 ft.

Thence S. $38^{\circ} 48' E$

Var. $13^{\circ} 15' E$

600. To Cor. No. 4.

Identical with Cor No 1 of the Amended location.

Also Cors Nos 5^{and} 9 of this survey and Cor No 3 of Survey No 1029A

This point comes in the bottom of a gulch where floods would be likely to destroy it. I therefore marked Witness post of Sur. No 1029A. for witness to this claim

From true cor. Witness bears S. $38^{\circ} 48' E$, 46. ft

Thence S. $53^{\circ} 30' W$

Var. $14^{\circ} E$

1150. To dry gulch Course North.

1500 To Cor No 1 the place of beginning.

The Corners as established are also identical with those of the original location so far as they could be identified

?
marking

?

estab as
a "cor"
same as
if regular

Feet

Montana Lode.

Beginning at Cor No 5
 Identical with Cor No 1
 of the location, and same as
 Cor No 4 this Survey.

all with new cor
 = 4

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

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

600

To Cor No 6,

Identical with Cor No 2 Location
 Same as Cor No 3 this Survey.

Thence $N 3-0^{\circ} E$

Var. $13^{\circ} 13' E$.

1500

To Cor No 7,

Identical with Cor No 3 Location.
 A pine post 3x5 inches by 4 1/2 ft
 long set 2 ft in the ground and in
 a mound of stones marked $\frac{7}{1171}$ Mont.

Thence $S. 38^{\circ} 48' E$.

Var $13^{\circ} 30' E$.

173.

Top of rocky ridge Course E & W.

500

Top of rocky ridge Course E & W.

600.

To Cor No 8.

Identical with Cor No 4 location.
 Also Cor No 10 this Survey.
 As this point is on Quartzite
 bed rock I drilled a hole and
 drove in a 1" iron pipe standing
 3 ft high and marked the
 rock $\frac{8-10}{1171}$ Whence
 Mulligans peak bears $S 78^{\circ} E$
 Montezuma main shaft bears $S. 14^{\circ} 4' W$
 West Yankee shaft bears $S. 23^{\circ} W$.

Thence $S. 3-0^{\circ} W$

Var. $13^{\circ} 25' E$.

1500

To Cor No 5 the place of
 beginning.

Fect

Colorado lode

Beginning at Cor No 9.

Identical with Cor No 1 of the location Same as Cors Nos 4 and 5 of this survey.

Thence N 50° E

Var. 14° E

1500

To Cor No 10.

Identical with Cor No 2 of location and same as Cor No 8 of this Survey.

Thence S. 38° 48' E

Var. 13° 25' E.

230.

Cross deep gulch usually dry. Course N. E.

600

To Cor. No. 11.

Identical with Cor No 3 of location. A point upon porphyry bed rock. I drilled a hole in the rock and drove in a 1" iron pipe 3 ft long. and marked the rock $\frac{11}{1171}$

Thence S. 50° W

Var. 13° 30' E

806.5

To Cor No 12

At the intersection with North side line of the Yankee lode Lot No. 40.

A pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked $\frac{12}{1171}$ Col. Whence Mouth of a tunnel bears N 76° W 110. feet.

Thence S. 75° 38' W

Var 13° 50' E

Feet Along N. Side of Lot No 40
66. Cross a dry gulch Course North.
625.2 To Cor No 13.

A pine stump 10" dia 2 1/2 ft high with wire nail driven in the top Stump marked $\frac{13}{1171}$ Col. Whence a shaft 10 ft deep bears N 40° W. 25. ft

This Corner is also the N.W Cor No 4 of Lot No. 40.

Thence S. 14° 22' E

Var. 14° E.

Along the West end line of Lot No 40,

300. To Cor No 14.

Identical with Cor No 4 of the location. Also Cor No 4 of Survey No 1029 A.

A pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and marked $\frac{14}{1171}$ Col.

Thence N 38° 48' W

Var. 14° 15' E.

5-5-4. Witness for Cors. 4, 5, and 9. A pine post 3x5 inches by 4 1/2 ft long set 2 ft in ground and marked $\frac{w.c. 3, 5, 9}{1171}$ also $\frac{w.c. 3}{1029A}$.

600 To Cor No 9 the place of beginning.

Area.

of Wellington lode	20.603 Acres
Montana lode	20.657 "
Colorado lode	18.505 "
Total	59.765 "

There are no conflicts or exclusions.

Location.

This Claim is upon ground not surveyed belonging to the United States Copper Mountain Mining Dist Graham Co Arizona near Moroni Arizona

Expenditure of \$500. in improvements:
I certify that the value of the labor and improvements upon this claim, placed thereon by the Claimant and its grantors is not less than Five hundred dollars and that said improvements consist of:

A Shaft 10ft deep 4 1/2 x 7 ft. in rock which bears from Cor No 1. N. 32° 15' E. 760. ft. ^{Wellington}
Value \$80.

A Tunnel 4 x 7 ft 48. ft long which bears from Cor No 1. N. 73° E 183. ft Course run West. ^{Wellington} Value 450.°°

An open Cut 20 ft diam. 10 ft deep in rock and earth. bears from Cor No 7. S 13° W 500. Feet. ^{Montana}
Value \$150.

A Tunnel and slope 100 feet long of irregular section which bears from Cor. No. 7 S 15° 45' W 550 ft Course Northeast. ^{Montana}
Value \$700.

A Shaft 5 x 7 ft 10 ft deep in hard rock which bears from Cor No 13. N 40° W 25. ft ^{Colorado}
Value \$100.°°

A Tunnel 4 x 7 1/2 40 ft long with open Cut at mouth 12 x 6 ft bears from Cor No 12, N 76° W. 110. ft Course N. E. ^{Colorado}
Value \$400.°°

There are no improvements by others.
Instrument used

A Gurley solar transit was used in making this survey. Courses were deflected from true meridian as determined by solar apparatus. Distances were measured with a 200 ft. steel tape.

Address of Applicant
The Detroit Copper Mining Co.
Mornci

Louis L. Sweeney Arizona
Agent

Mornci Ariz Gen. M. Robison
July 15 1895 U.S. Dep. Min Surveyor

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 Wellington Colorado and Montana Lodes
 and showing the respective capacities in which they acted.

Ricardo Rojas, Chairman.
 _____, Chairman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Ricardo Rojas
 and _____, do solemnly swear that ^I 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 Wellington
 Colorado and Montana Lodes, 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} 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.

Ricardo Rojas, Chairman.
 _____, Chairman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 15th day of July, 1895.

Harry S. Newlander
 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 April 6th, 1895, 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 Wellington Colorado and Montana lodes, situate in Copper Mountain Mining District, Graham County, Arizona, in Section _____, Township No. _____, Range No. Unsurveyed, and designated as Survey No. 1171, 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 15th
day of July, 1895.

Harry Newbould
Notary Public

Affidavit of Five Hundred Dollars Improvements.

We Gordon M Lean and Fred Davison

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

with the Wellington, Colorado and Montana 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 grantor exceed Five Hundred Dollars in value, and further

that we are not personally interested in said mine.

Gordon M Lean

Fred Davison

TERRITORY OF ARIZONA,
County of Graham } ss.

SWORN to and subscribed before me, this

15th day of July 1895

Harriet Van Soder
Notary Public



Location Notice

Notice is hereby given that the undersigned in compliance with the requirements of the Mining Act of Congress approved May 10, 1872 have this day located and claim fifteen hundred linear feet along the course of this lead lode or vein of mineral bearing quartz and three hundred feet in width on each side of the middle of said lead lode or vein situate in Copper Mountain Mining District County of Graham Arizona and ^{more} particularly described as follows to wit: Commencing at this monument of stones being the center of the South end of claim and upon which this notice is posted thence West three hundred feet to a monument of stones thence fifteen hundred feet to a monument of stones thence East three hundred feet to a monument of stones being the center of North end of claim thence East three hundred feet to a monument of stones thence fifteen hundred feet to a monument of stones thence West three hundred feet to place of beginning This claim is bounded on the East by the Anne Ryerson Mine and shall be known as the Wellington Mine

witness
 Gordon McLean
 Daniel Martinez

Locators { A. D. McLean
 John W. McLean

Filed for record Jan'y 1st 1886
 at 1:15 o'clock P.M. and recorded at 1:45
 o'clock P.M. Jan'y 1st 1886 at the request
 of J. W. McLean

Geo. H. Stevens Recorder

By P. Michelena Deputy

Territory of Arizona
 County of Graham } ss

I, Manuel Leon, Recorder of
 Graham County do hereby certify that
 I have compared the annexed copy of Lo-
 cation Notice with the Original recorded
 in Book #4 page 147 Records of Mines and
 that it is a true and correct copy
 therefrom and of the whole of such
 Original

In witness whereof I have
 hereunto set my hand and affixed
 my official seal at Solomonville Ariz
 this the 6th day of March A.D. 1895

Manuel Leon

County Recorder Graham Co. Ariz.

certified copy.

of
Location Notice
of the
Wellington Mine



Vertical handwritten text, possibly a date or reference number, located on the left side of the page.

Notice of amended Location of ^{the} Wellington
Lode

Territory of Arizona }
County of Graham } S.S.

Know all men
by these presents That the Detroit Copper
Mining Company of Arizona a corporation
organized under the laws of the state
of Michigan having acquired by
right of purchase the mining claim
known as the Wellington lode loca-
ted Jan 1st 1886 and duly recorded
in the office of the County Recorder of
Graham County Arizona in Book 4
of Mines Page 147, does hereby make
this amended location notice
for the purpose of giving a
more deffinate description of said
claim which is situated in Copper
Mountain Mining District Graham
County Arizona and bounded
and described as follows
to wit:

Beginning at Cor No 1. which
is also Cor. No 3 of U. S. Mineral
Survey No 1029 A Annie Ryerson
lode. Running thence S. $55^{\circ}30'N$
1500 feet to Cor. No 2. also Cor No
2 of Survey No 1029 A Thence N 38°
 $48'W$ 600 feet to Cor. No. 3. Thence N
 $55^{\circ}30'E$ 1500 feet to Cor. No 4 Thence
S. $38^{\circ}48'E$ 600 feet to Cor. No. 1. the

Notice of Location

Territory of Arizona }
 County of Graham } ss

Know all men by these presents that William Church the undersigned citizen of the United States has this the 20th day of February 1895 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 the vein as herein described and with all 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 described and bounded as follows to wit: Beginning at Cor. N^o 1. which is also cor. N^o 3 of Survey N^o 1029 A Annie Ryerson lode Running thence N 50° E 1500 feet to Cor. No 2 Thence S. 38° 48' E 600 feet to cor. No 3 Thence S 50° W 1500 feet to cor. No 4 same as cor. No 4 Annie Ryerson lode and Cor. No 6 of the Morenci Lode Thence N 38° 48' W 600 feet to cor No 1 the place of beginning. The name of the said vein ledge or deposit so

located is the "Colorado" Mining
claim or lode. All courses are
given from the true meridian
Located Feb. 20th 1895

Witness William Church
Geo. M Robison Locator

Recorded at the request of
L. L. Sweeney March 2nd 1895 at 1:30 o'clock p.m.
M. Leon

Recorder

Territory of Arizona }
County of Graham } ss

I, Manuel Leon

Recorder of Graham County Arizona
do hereby certify that I have com-
pared the foregoing copy of Location
Notice, with the original recorded
in Book No 8 Page 399 Record of Mines
of Graham County A.T. and that it is a
true and correct copy therefrom
and of the whole of such original

In witness whereof I
have hereunto set my hand and
affixed my official seal this
the 6th day of March A.D. 1895

Manuel Leon
Recorder of Graham County Arizona

Certified Copy

of the
Location Notice
of the
Colorado Mining Claim



place of beginning. All courses given from the true meridian. Corners are the same as those originally placed on the ground. All rights acquired by former location are hereby expressly reserved

Date of Location Jan 1st 1886

Date of amended location Feb. 20th 1895

attest Geo. M. Robison

The Detroit Copper Mining Co. of Arizona
per Wm Church its Pres. Locator

Recorded at the request of L. L
Sweeney March 2nd 1895 at 1:30 o'clock P. M
M. Leon

Recorder

Territory of Arizona }
County of Graham } ss.

I, Manuel Leon
County Recorder of Graham County
Arizona do hereby certify that I have
compared the foregoing copy of amended
Location Notice with the original
recorded in Book No 8 page 403 Re-
cord of Mines of Graham Co. and that
it is a full true and correct
copy therefrom and of the whole
of such original

In witness whereof I have
hereunto set my hand and affixed
my official seal this the 6th day of
March A.D. 1895

Manuel Leon
Recorder of Graham County Arizona

Certified Copy

of
amended
Location Notice
of the
Wellington claim



Notice of Location

Territory of Arizona }
 County of Graham } ss

Know all men by these presents that William Church the undersigned citizen of the United States has this the 20th day of February 1895 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 the vein as herein described and with all 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:
 Beginning at Cor. No. 1 the same as the N.E. cor. No 3 of the Annie Ryerson lode U.S. Sur. No. 10729 A
 Thence $S 38^{\circ} 48' W$ 600 feet to Cor No 2 Thence $N 50^{\circ} E$ 1500 feet to Cor. No 3 Thence $S. 38^{\circ} 48' E.$ 600 feet to

Cor. No 4 which is also Cor. No 2 of
 the Colorado Lode claim. Thence
 S. 50° W 1500 feet to Cor. No 1 the
 place of beginning
 The name of the said vein ledge
 or deposit so located is the
 "Montana" Mining Claim or
 lode

Located Feb. 20th 1895

Witness William Church
 Geo. M. Robison Locator

Recorded at the request of
 L. L. Sweeney Mch 2nd 1895 at 1:30 o'clock P.M.

M. Leon Recorder

Territory of Arizona }
 County of Graham } S.S.

I, Manuel Leon

Recorder of Graham County Arizona
 Territory do hereby certify that I
 have compared the foregoing
 copy of Location Notice with
 the original recorded in Book
 No. 8 page 400 Record of Mines and
 that it is a true and correct copy
 therefrom and of the whole
 of such original

In witness whereof I have
 hereunto set my hand and affe-
 ixed my official seal this the
 6th day of March A. D. 1895
 Manuel Leon

Recorder of Graham Co. Ariz

Certified Copy

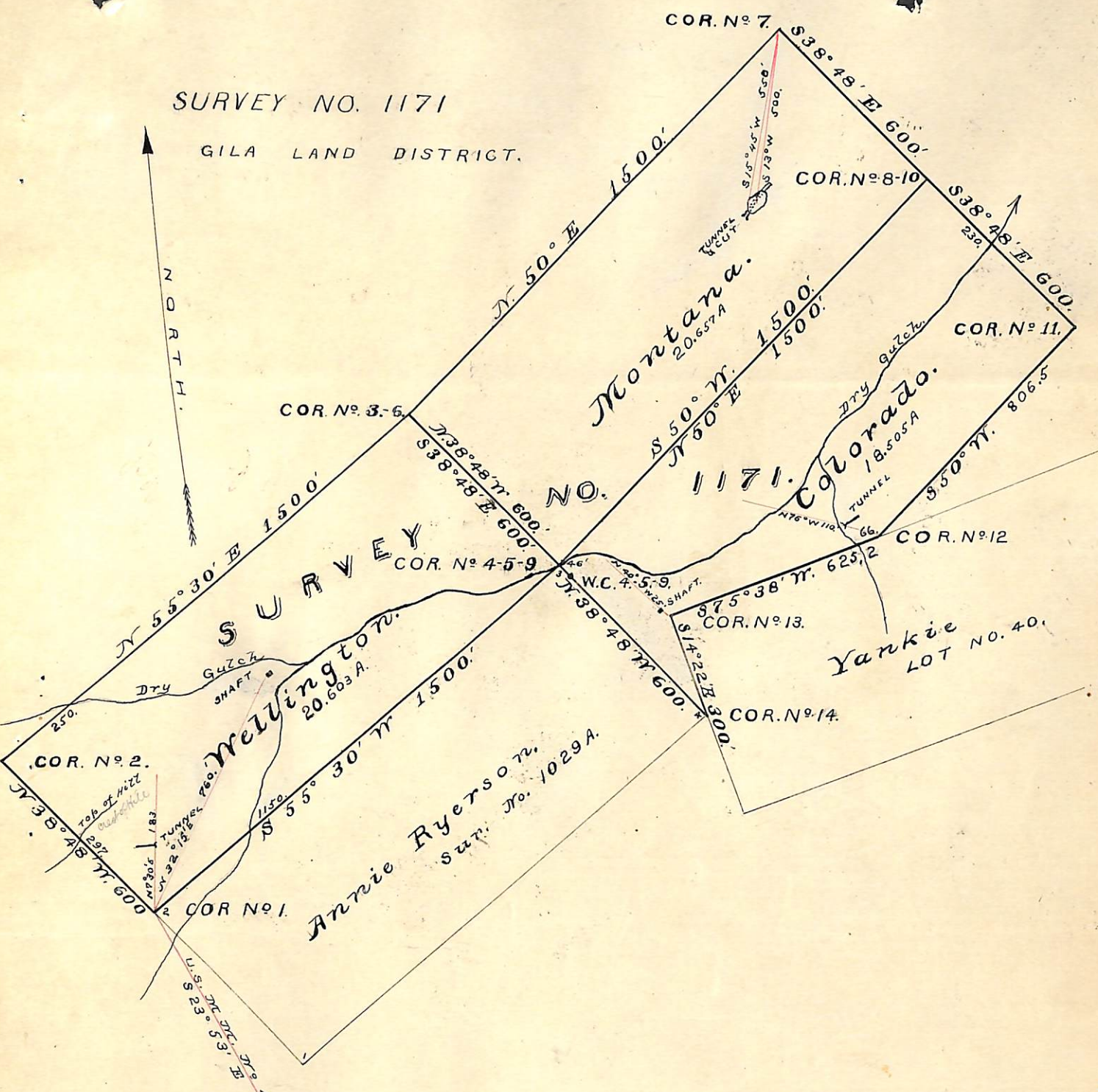
of
Location Notice
of the
Montana Lode



SURVEY NO. 1171

GILA LAND DISTRICT.

NORTH.



Flat of the claim of
THE DETROIT COPPER MINING CO. OF ARIZONA.
 KNOWN AS THE
Wellington Montana and Colorado Lodes.
 IN COPPER MOUNTAIN MINING DISTRICT.
 GRAHAM CO. ARIZONA.
 Containing an area of 59.765 Acres.

SCALE 400 FEET TO 1 INCH.

MEAN VARIATION 13° 45' E.

SURVEYED — MAY 16TH — 30TH — 1895 BY
Geo. M. Robison

U. S. DEP. MIN. SURVEYOR.

(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
August 29, 1895.

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

Wellington Colorado + Montana

situate in Copper Mountain mining district,

Graham County, Arizona

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

_____, designated as Survey No. 1171.

executed by Geo. M. Robison, U. S. Deputy Mineral

Surveyor, May 16 - 30, 1895, under my instructions dated

April 6th, 1895, 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.

Levi H. Manning
U. S. Surveyor General for Arizona

o 6-1c2