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LOT NO. 157

SURVEY NO. 608

Field Notes

of the Survey of the

"Emerald"

Mining Claim

Situate in Tombstone Mining District.

County of Cochise and in Sec. _____, T₁ 20 S

Range 22 E, of the Gila and Salt River Meridian.

ARIZONA.

Claimed by Emerald Mining Co

Survey executed by A. J. Mitchell U.S. D. S.

Under instructions dated June 20 1883

Survey commenced October 24 1883

Survey completed " " 1883

PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, E. M. Bredin and C. Taylor

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.

E. M. Bredin
C. Taylor

SWORN to and subscribed before me, this 24th day
of October, 1883.

A. J. Mitchell
Notary Public

I, F. Fagan

do solemnly swear that I will well and truly perform the duties of Flagman
according to instructions given me,
and to the best of my skill and ability.

F. Fagan

SWORN to and subscribed before me this 24th day
of October, 1883.

A. J. Mitchell
Notary Public

Field Notes of the Survey
of
The Emerald Mining Claim
situated in Tombstone Mining Dist.
Arizona Territory, as surveyed
for Patent, in compliance with
instructions from The Surveyor
General dated June 20th 1883
and surveyed by

A. J. Mitchell
U. S. D. M. S.
Oct 24th 1883

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Field Notes of the Survey of The Emerald Mining Claim
Tombstone Mining Dist. Cochise Co Arizona Territory

Feet I start at initial monument marked A on plat, at which point I plant post 6" x 6" x 6 feet long 2 feet in ground with stone monument and mark thereon E. M. C. No. 1. from this point the U. S. M. M. No. 2 bears

N 23° 46' W

var. N. 11° 53' E

by obs. to polaris, (distance 3522 feet.) taken by Engineers 5-inch Transit from initial monument, the discovery shaft 250 feet deep. with 50 feet drift west at bottom, bears S 22° W distant 63 feet, N. W. corner of lumber house bears S. 6° 21' W. distant 84 feet

From post No. 1 Iron

N. 10° 30' E

var. N. 11° 53' E

and at

90.00 Creek course N. W
150.00 Creek " N. W
180.00 but 36 x 3 x 4 feet bears S 79° 30' E. 21 feet
639.00 but 12 x 2 x 2 feet on ore body
700.00 Creek course East
739.00 N. Center end of claim, I plant post 6" x 6" x 6 feet long 2 feet in ground with monument of stones, and mark thereon E. M. C. No. 2. at this point is also post marked G. D. M. C. No. 6

Thence Iron

N. 65° 21' W

var. N. 11° 53' E

along N. end line of Emerald and south end line of G. Dipper, ^{Lot No. 148} and
298.5 The N. W. cor of claim I find post 6" x 6" x 6 feet long in monument of stones marked G. D. M. C. No. 7 I mark thereon E. M. C. No. 3
This monument is placed on East end line of Anchor Lot 116. course

Field Notes of Survey of Emerald Mining Claim Continued

Feet Course S. 25° 38' W
var. N. 11° 53' E
distant 152 feet to its S. E. Cor post
marked A. M. C. No 7

Thence I run

S. 10° 56' W
var. N. 11° 53' E

along west side line of Emerald
and E. line of Little Emerald and at

281.00 Creek course N. 69° E

766.00 I plant post 6" x 6" x 6 feet long 2 ft
in ground with stone monument
and mark thereon E. M. C. No 8
from this point the initial monument
post No 1 bears

S. 71° 30' E
var. N. 11° 53' E distant 300 feet

From post No 8 I run

S. 22° 15' W
var. N. 11° 53' E

along west side line of Claim and at

662.6 I plant post 6" x 6" x 6 feet long in stone
monument and mark thereon E. M. C. No 4
from this point Post 4" x 4" x 5 feet long
marked S. P. M. C. No 3. The N. W. corner
of Lot (No 57) and S. W. corner of Emerald
bears S. 22° 15' W, same var. distant 29.35 ft

Thence I run

S. 65° 21' E
var. N. 11° 53' E and at

210.00 Creek Course N. 22° E

247.00 I plant post on vein 6" x 6" x 6 feet long
in monument of stones, and mark
thereon E. M. C. No 5, from this point
Post 4" x 4" x 4 feet long, marked S. P. M. C. No 2
bears S. 26° 21' W, distant 12 feet, and from
this point open cut on vein 12 x 2 x 2 ft. bears
N. 26° 21' E distant 103 feet. Thence continuing
same line, and at

419.50 I find Post 4" x 4" x 4 feet long in monument

7 4

Field Notes of Survey of Emerald Mining Claim Continued

marked G. D. M. C. No. 6, enclosing a Total area of 15.27 acres out of which 0.03 acres is in conflict with Rattlewake mine which area is claimed by present Applicants, Thus making an area of 15.27 ac the land for which a Patent is asked for.

The above mine is situated about 2 miles South of City of Tombstone on the West Side of Military Hill. There is no Timber or water on Claim. The improvements consist of 1 shaft 250 feet deep, and Crosscut at bottom run West 50 feet, also three open cuts $\&$. being $36 \times 4 \times 3$ feet. $12 \times 2 \times 2$ feet and $12 \times 2 \times 2$ feet. all these cuts are made on the ore vein. There is also a lumber house 22×14 feet. all the above improvements were made by present Applicants and their grantors, and are valued at over $\$3000$.

In the survey of the Emerald Mining Claim the West line had to be contracted in order to comply with the requirements of Law regarding width of surface ground on each side of vein. To accomplish the above I placed post 8 at a distance of 300 feet from initial monument and surveyed the West side line through that point. The south end line also had to be drawn in, in order to make it parallel with north line, and to make survey all within the ground originally located, which has been done in this case

Surveyed this 24th day of Oct. 1883
A. J. Mitchell
U. S. D. M. S.
Tombstone A. T.

FINAL OATHS FOR SURVEYS OF MINING CLAIMS & 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 Emerald Mining Claim located in Tombstone Mining district, Cochise County, Arizona, showing the respective capacities in which they acted.

Ed. Brudin Chainman.
F. Fagan Flagman.
Casper Taylor Axeman. Flagman.

WE hereby certify that we assisted A. J. Mitchell U. S. Deputy Surveyor, in surveying The Emerald Mining Claim claimed by The Emerald Mining Co located in Tombstone Mining District, Cochise County, and in township No 20S Range No 22E of the Gila and Salt River base and meridian, Arizona, 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.

E M Brudin Chainman.
F. Fagan Flagman.
Casper Taylor Axeman. Flagman.

SWORN TO AND SUBSCRIBED before me this 24th day of October 1883

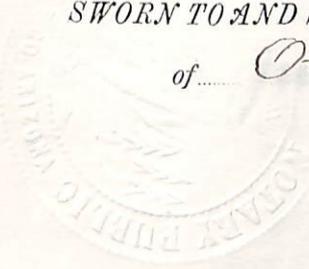
A. J. Mitchell Notary Public

I, A. J. Mitchell U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 20th day of June 1883, 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 of land known as The Emerald Mining Claim claimed by The Emerald Mining Company located in Tombstone Mining District, Cochise 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.

A. J. Mitchell Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 26th day of October 1883

H. B. Maxson Notary Public Cochise Co, Arizona.



AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, *John Higgins* and *E M Breden*

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

Emerald mining claim, situated in *Tombstone* Mining District, *Cochise* County, Arizona Territory,

for which *the Emerald Mining Company* 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 — grantor exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

John Higgins
E M Breden

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

SWORN to and subscribed before me, this *25th* day of *October* 188*3*

A. J. Mitchell
Notary Public

Territory of Arizona, }
 } ss.
County of Cochise. }

H. A. T. JONES, County Recorder in and for the County
of Cochise, do hereby certify that the above and foregoing is a full, true and
correct copy of *an instrument purporting to be*
the Location notice of the "Emerald"
mine
as appears of record now in my office in Book *3*, Page *775*
Transcribed Records of mines

IN WITNESS WHEREOF, I have hereunto set my
hand, and affixed my official seal, at my office in
Tombstone this *2nd* day of *June* A. D. 188*7*.
H. A. T. Jones
County Recorder.



"Emerald"

Notice. Notice is hereby given that the undersigned claims fifteen hundred (1500) linear feet of this lode or vein or mineral belt together with all the dips spurs and angles and commencing at this notice and running 750 feet in a northerly direction, and from this notice in a southerly direction 750 feet being 600 feet in width and described as follows to wit: this lode is situated about one mile from Grand Central Mine South, and is known as the "Emerald" being a re-location of the "North Star" claim owing to non compliance of Mining Law of U. S. and Territory, i.e., a failure to record within sixty days after location. Located in accordance with Mining Act of May 10th 1872.

Dated on the ground May 13th 1878 in Tombstone District Pima Co.

Arizona

Witness

P. Henry

Capt Bullard

Ezra Hoag Martin Sweeney

D. Sarsfield Murphy

Filed and recorded at request of Geo. Cooley May 27th 1878 at 30 min. past 8 o'clock a.m.

S. W. Carpenter

County Recorder

"Emerald"

Mine



Emerald Mine.

Amended Location Notice.

Whereas this mine was located May 13th 1878 by Ezra Hoag Martin Sweeney and D. Sarsfield Murphy the notice of which location was duly recorded May 27th 1878 in Pima County Recorders Office and is also of record in Cochise County in Transcribed Records of Mines Book 3 p. 775, and whereas the title to said mine or mining claim has passed from said locators to and become vested in the Emerald Mining Company a corporation organized and existing under the laws of the Territory of Arizona, Now therefore in order to specify more accurately the locus of said mining claim and to comply more perfectly with the Act of Congress approved May 10th 1872 respecting the notice of location of said mining claim, but not for the purpose of changing said location as the same was originally monumented and marked upon the ground the said Emerald Mining Company the owner of said Mining claim do amend the description of said mining claim so as to read as follows: Commencing at the initial

monument in which this notice is
posted said monument bears S. $22^{\circ} 24'$
E. distant 3506 feet from U. S. M. M. No 2
and running thence Northerly 750 feet
to monument of stones being North
center end. Thence easterly 300 feet
to monument of stones Thence Southerly
1500 feet to post and monument of stones
said post being the S. E. corner of Emerald
and also N. E. corner of Silver Plume
being a post marked S. P. M. Co. No. 7.
Thence N $70^{\circ} 22' W$ along north end of
Silver Plume 175 feet to post and mon-
ument of stones marked S. P. M. Co. No. 2.
This is also S. end center of Emerald
Thence N $70^{\circ} 22' W$ 248 feet to Post and
monument of stones marked S. P. M. Co.
No 3. This is also S. W. corner of Emerald
Thence Northerly 1500 feet to Post and
monument of stones. Thence Easterly
300 feet to monument of stones the
North end center enclosing this claim.

Emerald Mining Company
John Haynes President.

Territory of Arizona,)
) ss.
County of Cochise.)

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I, A. T. JONES, County Recorder in and for the County
of Cochise, do hereby certify that the above and foregoing is a full, true and
correct copy of *an instrument purporting to be
an amended Location Notice of the Emerald
Mine*
as appears of record now in my office in Book *6*, Page *550 et seq.*
Records of Mines-

I**N** **W****I****T****N****E****S** **W****H****E****R****E****O****F**, I have hereunto set my

hand, and affixed my official seal, at my office in
Tombstone this *15th* day of *June* A. D. 188*3*.

A. Jones

County Recorder.

U. S. Surveyor General's Office,

Tucson, Arizona, March 8 1884

The foregoing field notes of the survey of the "Emerald"
Mining Claim situate in
the Tombstone Mining District, Cochise
County, Arizona, claimed by The Emerald Mining
Company
survey executed by A. J. Mitchell 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.

Royall Johnson
Surveyor General.

175
148
423

Anchor Lot 116

Grand Duffer

-148-

Reddiesmore

12.1 E. 816.1 Feet
N. 80° 12.1 E. 566.1 Feet
19 SEC. 18 T. 22. N. R. 2. E. G.T.S.R. BY IT

To U.S. M.M. No. 2
N. 23° 46' W
Post. A.M.C. No. 2
222.71

Post. G.D.M.C. No. 1
N. 65° 21' W
298.50

Post. E.M.C. No. 2
N. 65° 21' W
300.00

Post. E.M.C. No. 7
1405.69 ft

1309.00

N. 7° 31' W

1124.00

CUT. 36 x 37.11 ft

N. 10° 30' E 739 ft
ORE BODY

S. 10° 56' W
766.00 ft

Little Emerald

Emerald

Lot No. 157

ORE BODY

N. 23° 26' E

Wauborn

Post. M.K.D. E.M.C. No. 1

Shed 2.50 ft deep 50 ft drift west of bottom

HOUSE (Lumber)

S. 71° 30' E
300.00 ft

S. 22° 15' W
662.65 ft

Post. S.P.M.C. No. 7

Post. E.M.C. No. 6

Post. S.P.M.C. No. 5

Post. S.P.M.C. No. 2

Post. E.M.C. No. 3

Silver Plume
Lot 57

Scale 200 ft to One Inch

A. J. Mitchell U.S.D.M. J.
Oct. 24th 1887