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4-683.

MINERAL SURVEY No. 2589

LOT No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

KNOWN AS THE

Barry Mining District,

Chavez County,

Section Approx., Township 23d, Range 16 E. Unsur.

Surveyed under instructions dated Sept 28th, 1908

by _____
U. S. Mineral Surveyor.

Claim located See Location Notice, 1908

Survey commenced Oct 2nd, 1908

Survey completed Oct 10th, 1908

6-822

Address

Geo. D. Gross 2nd V.P.
Tuzigales Arizona

Survey No. 2589.

Feet

Emerald Lode.

Beginning at Cor. No. 1.

Identical with the S.W. cor. of the location.

This point is upon unsurveyed land in the Patagonia Mining District, Santa Cruz County, Arizona, and is N. 5°30' W. 6618.3 ft. from the U.S.L.M. No. 1.

A granite stone 24 x 12 x 8 ins. set 12 ins. in the ground chiseled 1-2589 E.

The location monument bears N. 61° 20' E. 1122.8 ft.

The N.E. cor of the Smuggler Trail Lode, unsurveyed, bears N. 81°55' E. 950.4 ft.

Thence N 7°43' W.

Va. 13°30'E.

6 Intersect the north side line of the Smuggler Trail Lode, unsurveyed, at S. 82°17' W. from the N.E. cor.

300 West end center, identical with location, a mound of rock 4 ft. base and 3 ft. high.

600 Cor. No. 2, identical with location.

Identical with cor. No. 4 of the Silver Glance Lode, Survey No. 2590.

A granite stone 30 x 12 x 8 ins. set 15 ins. in the ground, chiseled 2-2589 E. and 4-2590 S.G.

No other bearings available.

Thence N.82°17' E.

Va. 13°30' E.

1500 Cor. No. 3, identical with location.

Identical with cor. No. 1 of the Silver Glance Lode, Survey No. 2590.

A granite stone 30 x 12 x 8 ins. set 15 ins. in the ground, chiseled 3-2589 E. and 1-2590 S.G.

The east end center of the Silver Glance Lode bears N. 7°43' W. 300 ft.

No other bearings available.

Survey No. 2589.

Feet feet

Thence S. 7°43' E.

Va. 13°30' E.

300 East end center, identical with location, a mound of rock 4 ft. base and 3 ft. high.

600 Cor. No. 4, identical with location.

A granite stone 30 x 18 x 8 ins. set 15 ins. in the ground, chiseled 4- 2589 E.

No bearings available.

Thence S. 82°17' W.

Va. 13°30' E.

549.6 Intersect east end line of the Smuggler Trail Lode, unsurveyed, at S. 7°43' E 6 ft. from the N.E. cor.

1500 Cor. No.1.

The place of beginning.

Lode Line.

As near as can be told from present developments the Lode line of the Emerald Lode extends from the discovery shaft 750 ft. N. 82°17' E. and 750 ft. S 82°17' W.

Area.

Total area of the Emerald Lode 20.6611 acres
 Area in conflict with the Smuggler Trail Lode, unsurveyed, .1309 acres
~~Net area of Emerald Lode 20.5302 acres~~

Location.

As near as can be determined from the present condition of the public survey, this claim is located approximately in T. 23 S . R. 16 E. Gila and Salt River Base and Meridian, in the Patagonia Mining District,

Feet

Santa Cruz County, Arizona, and within the boundaries
of the Garces National Forest, on unsurveyed land.
Expenditure of Five Hundred Dollars.

I certify that the value of labor and improve-
ments upon this claim, placed thereon by the claimants
and ^{its} ~~their~~ grantors, is not less than Five Hundred Dollars
and that said improvements consist of:

No. 1. The discovery shaft, which bears from cor. No. 1 N.
60° 29' E. 807.8 ft. Said shaft is 4 x 6 x 12 ft.
Value \$ 100.00.

No. 2. A Cut, the center of the mouth of which bears from
cor. No. 1 N. 60° 00' E. 1020 ft. It is 6 ft. wide and
10 ft. deep and extends N. 82° 00' E. 50 ft.
Value \$ 400.00.

Adjoining Claims.

The only adjoining claims to the Emerald Lode
claimed by the National Consolidated Mining Company,
are the Smuggler Trail Lode, which conflicts with the
Emerald Lode, ^{on the south} and is unsurveyed, and the Silver Glance lode, Sur. No.
2590, which adjoins on the north,

Instrument.

This survey was made with a Gurley Light Mountain
Transit. The courses were deflected from the true
meridian determined by direct solar observations.
The distances were measured with 120 and 500 ft. steel
tapes.

Report.

The U.S.L.M. to which connection is given is
a large mound of rocks that has been constructed in a
very conspicuous position on the top of a high mountain.

Feet

The largest rock composing the mound is marked with the letters U.S.L.M.

The N.E. cor. of the Smuggler Trail Lode is a mound of stones with 4 ft. base and 3 ft. high.

I certify that the value of labor and improve-
ments upon this claim, placed thereon by the claimants
and their grantors, is not less than Five Hundred Dollars
and that said improvements consist of:

No. 1. The discovery shaft, which bears from cor. No. 1 N.

60 00' E. 80' 00" S. 3 ft. Said shaft is 4 x 3 ft.

Value \$ 100.00

No. 2. A Cut, the center of the mouth of which bears from

cor. No. 1 N. 60 00' E. 100 00' S. 12 ft. wide and

10 ft. deep and extends N. 60 00' E. 50 ft.

Value \$ 400.00

Adjoining Claims.

The only adjoining claim to the Smuggler Lode
is the Smuggler Trail Lode which consists with the
Smuggler Lode, and is unmined.

Instrument.

This survey was made with a Gurley Light Mountain
Transit. The courses were deflected from the true
meridian determined by direct solar observations.
The distances were measured with 100 and 300 ft. steel
tapes.

Report.

The U.S.L.M. to which connection is given is
a large mound of rocks that has been constructed in
very conspicuous position on the top of a high mountain.

2589

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Henry Thurtell
 United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and
 boundaries described in the foregoing field notes of the survey of the mining claim of _____
National Consolidated Mining Company
 known as the Emerald
 and showing the respective capacities in which they acted.

- x Angel Alvarez JR, Chairman.
- _____, Chairman.
- _____, Axman.
- _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, x Angel Alvarez JR
 and _____, do solemnly swear that we assisted Henry Thurtell
 _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of National Consolidated
Mining Company
 known as the Emerald
 represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his
 direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully
 and correctly executed, and the corner and boundary monuments established according to law and the instruc-
 tions furnished by the United States Surveyor-General for Arizona

- x _____, Chairman.
- Angel Alvarez JR, Chairman.
- _____, Axman.
- _____, Flagman.

Subscribed and sworn to by the above-named persons before me this 12th
 day of October, 1912

Frederick J. Kelly
Notary Public

My commission expires February 1, 1912

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Henry Thurtell, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Sept. 23 1908, 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 National Consolidated Mining Company, known as the Emerald, situate in Palagonia Mining District, Santa Cruz County, Arizona, in Section Eight, Township No. 23 S., Range No. 16. E. Unsur, and designated as Survey No. 2589, 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 his 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.

Henry Thurtell
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Henry Thurtell
U. S. Mineral Surveyor, before me at Reno Nevada
this 4th
day of Feb., 1909

Robert M. Price
Notary Public

Affidavit of Five Hundred Dollars Improvements.

We, R. O. Stow and Pedro Castro

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Emerald Lode mining claim, situate in Patagonia Mining district, Santa Cruz County, Arizona Territory, for which National Consolidated 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 its grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

R. O. Stow
Pedro Castro

TERRITORY OF ARIZONA,
County of Santa Cruz ss:

Sworn to and subscribed before me, this 25th

day of May, 1907
W. H. ...
Notary Public



27689b1m2-07

My commission expires February 1, 1912

ADDITIONAL AND AMENDED LOCATION CERTIFICATE

TERRITORY OF ARIZONA,)

COUNTY OF SANTA CRUZ.)

KNOW ALL MEN BY THESE PRESENTS: that the National Consolidated Mining Company of Arizona has this 28th day of Aug. 1908 amended, located and claimed and by these presents does amend, locate and claim by right of original discovery and this additional and amended location certificate, in compliance with the mining acts of Congress approved May 10, 1872, and all subsequent acts and with all local customs laws and regulations 1500 linear feet and horizontal measurement on the EMERALD lode, vein, ledge or deposit along the vein thereof with all its dips, angles and variations as allowed by law, together with 300 feet on each side of the middle of said vein at the surface so far as can be determined from present developments, and all veins, lodes, ledges or deposits and surface ground with the lines of said claim 750 feet running N. 82° 17' E. from center of discovery cut, and 750 feet S. 82° 17' W. from center of discovery cut, said discovery cut being situated upon said lode, vein, ledge or deposit and within the lines of said claim in the Patagonia Mining District, County of Santa Cruz, Territory of Arizona, described by metes and bounds as follows: Beginning at Cor. No. 1 whence the U. S. I. M. No. 1 bears approximately south a distance of nearly 7300 ft.

Thence S. 82° 17' W. 1500 ft. to Cor. No. 2.

" S. 7° 43' E. 600 " " " 3.

" N. 82° 17' E. 1500 " " " 4.

" N. 7° 43' W. 600 " " " the Cor. No. 1 the place

of beginning.

This being the same lode originally located on the first day of Jan. 1905, recorded Oct. 30 in Book 5 page 647 in the office of the Recorder of Santa Cruz Co. Arizona.

This further additional and amended certificate of location is made without waiver of any previously acquired rights,

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but for the purpose of correcting any errors in the original location, description or record and of taking in and acquiring all forfeited or abandoned ground and of taking in any part of any overlapping claim, which has been abandoned.

Said lode was discovered Jan. 1, 1905.

Date of additional and amended certificate Aug. 28, 1908.

NATIONAL CONSOLIDATED MINING COMPANY

Alfred Thurtell, General Manager.

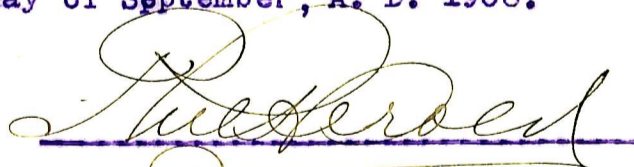
Filed and recorded at request of Geo. D. Gross Sept. 2, A. D. 1908 at 1:30 P. M.

Phil Herold, County Recorder.

Territory of Arizona,) :
County of Santa Cruz.) s s.

I, Phil Herold County Recorder in and for the County and Territory aforesaid, do hereby certify that the foregoing is a full, true and correct copy of location notice of ^{amended} EMERALD mining claim, situate in Patagonia Mining District, SantaCruz County, Arizona, as the same appears of record in my office in Book 10 of Mining Locations at pages 113 and 114.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 12th day of September, A. D. 1908.


County Recorder.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

June 18, 1909.

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

National Consolidated Mining Company

known as the Emerald

situate in Patagonia

Mining District, Santa Cruz County, Arizona

in Section Approx., Township No. 23 S., Range No. 16 E., Unsur. and

designated as Survey No. 2589, 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 not less than five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 1 shaft and 1 cut, total value \$500.00

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.

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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,

June 18, 1909

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

National Consolidated Mining Company

, known as the

EMERALD

situate in Patagonia Mining District,

Santa Cruz County, Arizona

in Section Approx., Township No. 23 S., Range No. 16 E., Unsur.

, designated as Survey No. 2589

executed by Henry Thurtell, U. S. Deputy Mineral

Surveyor, October 7, October 10, 1908, under my instructions dated

September 23, 1908, 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.

Frank S. [Signature]

U. S. Surveyor-General for Arizona

Large
Map