

JUN 26 1916

4-683.

Mineral Survey No. 3293

Lot No.

Arizona

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Francisco Norte, S.V. Norte, Leonardo Garcia and Tomas Bienes

KNOWN AS THE

Santa Lucia and Santa Isabella lodes.

Copper Mountain Mining District,

Greenlee County, Arizona

Section 32, Township 3 South, Range 29 ^{unsur.} E., G. & S. R. P.M.

Surveyed under instructions dated May 15, 1916,

by E.T. Morton,

U. S. Deputy Mineral Surveyor.

Claim located see location notices, 1

Survey commenced May 27, 1916.

Survey completed May 30, 1916.

Address of Attorney:

L. Kearney,

Clifton, Arizona.

26 to 2026 12 27 1916

SURVEY NO. 3293.

Feet.

Santa Lucia lode.

Beginning at Cor. No. 1.

Identical with Cor. No. 4 Sur. No. 3098 Imperial lode.

A pine post, in place, 4 ins. square, 3 ft. high, with a mound of stone, scribed S L 1-3293, whence

U.S.M.M. No. 3 bears S. 16° 25' E. 4826.3 ft. A cross (x) and BR 1-3293 chiseled on granite 5x7 ft. facing N. brs. S. 47° W. 9.7 ft.

Thence N. 58° 00' W.

300 South end center of the location and lode.

600 To Cor. No. 2.

Identical with Cor. No. 3 Sur. No. 3098 Imperial lode.

On line 2-3 Sur. No. 3098 Monte Christo No. 2 lode at S. 16° 10' W. 121.33 ft. from Cor. No. 3.

A pine post, in place, 4 ins. square, 3 ft. high with a mound of stone scribed S L 2-3293, whence

A cross (x) and B R 2-3293 chiseled on granite porphyry 2.5 x 5 ft. facing the Southwest bears N. 63° E. 6.3 ft.

Thence N. 21° 41' E.

119.47 Intersect line 3-4 Sur. No. 3098 Monte Christo No. 2 lode at S. 61° 32' E. 11.73 ft. from Cor. No. 3.

1146.7 To Cor. No. 3.

Identical with Cor. No. 2 Santa Isabella lode of this survey.

A pine post, in place, 4 ins. square, 3 ft. high, with a mound of stone, scribed S I 2- S L 3-3293, whence

A cross (x) and B R 2-3-3293 chiseled on porphyry bluff six ft. above the ground bears N. 58° W. 7.5 ft.

Thence S. 58° 00' E.

45.7 Intersect line 2-3 Sur. No. 3098 Jupiter lode at N. 16° 10' E. 1041.1 ft. from Cor. No. 2.

300 North end center of the location and lode.

600 To Cor. No. 4

Identical with Cor. No. 1 Santa Isabella lode of this survey.

A pine post, in place, 4 ins. square, 3 ft. high, with a mound of stone, scribed S I 1- S L 4-3293, whence

A cross (x) and B R 1-4-3293 chiseled on quartz porphyry
 2x3 ft., facing East bears N.24°30'E. 3.2 ft.
 Feet. Cor.No.2 Sur.No.3098 Jupiter lode bears S.47°06'W
 1037.43 ft.
 Thence S.21°41'W.
 989.96 Intersect lines 1-2 and 3-4 Sur.No.3098 Jupiter and
 Monte Christo No.2 lodes, at S.61°32'E. 448.4 ft. and
 606 ft. from Cors. Nos. 2 and 3 respectively.
 1146.7 To Cor.No.1, the place of beginning.
 Santa Isabella lode.
 Beginning at Cor.No.1.
 Identical with Cor.No.4 Santa Lucia lode of this survey,
 heretofore described.
 U.S.M.M.No.3 bears S.9°23'E. 5772.2 ft.
 Thence N.58°00'W.
 300 South end center of the location and lode.
 554.3 Intersect line 2-3 Sur.No.3098 Jupiter lode at S.16°10'W.
 458^{ft} from Cor.No.3.
 600 To Cor.No.2.
 Identical with Cor.No.3 Santa Lucia lode of this survey
 heretofore described.
 Cor.No.3 Sur.No.3098 Jupiter lode bears N.21°48'E.
 448.61 ft.
 Thence N.18°23'E.
 1125 To Cor.No.3.
 A pine post, in place, 4 ins. square, 3 ft. high, with a mound
 of stone, scribed S I 3-3293, whence
 No bearings available.
 Thence S.58°00'E.
 226.29 Intersect line 3-4 Sur.No.3098 Southern Belle lode at
 500 N.3°58'E. 712.25 ft. from Cor.No.3
 300 North end center of the location and lode, with a mound
 600 To Cor.No.4. Scribed S I 4-3293, whence
 A pine post, in place, 4 ins. square, 3 ft. high, with a mound
 of stone, scribed S I 4-3293, whence
 Cor.No.3 Sur.No.3098 Southern Belle lode bears S.35°33'W.
 629.92 ft.

Thence S.18°23'W.

40 Intersect gulch course Southeast.

634.9 Intersect line 3-4 and 2-3 Sur.No.3098 Jupiter and Southern Belle lodes at S.61°32'E.565.2 ft.and 188.8 ft. from Cors.Nos. 3 and 3 respectively.

1125 To Cor.No.1,the place of beginning.

Variation at all corners 13°40'E.

LODE LINES.

As near as can be determined from the present developments the veins of the locations embraced in the claim extend as follows from their respective discovery points:
 Santa Lucia lode,33 ft.N.21°41'E.and 1113.7 ft.S.21°41'W.
 Santa Isabella lode,1125 ft.N.18°23'E.

AREAS.

Acres

Total area Santa Lucia lode - - - - -	15.539
Area in conflict with-	
Sur.No.3098 Monte Christo No.2 lode - -	1.871
Sur.No.3098 Jupiter lode - - - - -	11.432
Total area Santa Isabella lode - - - - -	15.060
Area in conflict with-	
Sur.No.3098 Jupiter lode - - - - -	5.939
Sur.No.3098 Southern Belle lode - - - -	4.052

LOCATION.

This survey is located in the Copper Mountain Mining District,Greenlee County,Arizona,approximately in Sec.32 ~~Uns.~~ ^{Unsur.} T.3.S.,R.29 E.,G.& S.R.P.M.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon the locations embraced in this claim by the claimants or their grantors is not less than five hundred dollars,and that said improvements consist of:

Santa Lucia lode.

No.1.The discovery showing mineral in place is on the lode line 33 ft.from line 3-4.

No.2.A shaft the center of which bears from the South end center N.32°40'W.67 ft.,6x7 ft.,25 ft.deep.

value - - - - - \$300.00

No.3.A tunnel the mouth of which bears from the South end center N.32°W.68 ft.5x6 ft.,running N.31°E.48 ft.

Value - - - - - \$480.00

Santa Isabella lode.

No.1.The discovery,showing mineral in place,is on the lode line at the South end center.

No.2.A tunnel the mouth of which bears from Cor.No.4 S.68°39'W.165.8 ft.,4.5x6 ft.,running S.42°30'W.43 ft., thence S.39°40'W. 70 ft.

Value - - - - - \$1130.

INSTRUMENT.

This survey was made with a Buff and Berger light mountain transit.The courses were deflected from the true meridian as determined by Polaris observations. The distances were measured with 5,50 and 500 ft.steel tapes.

ADJOINING LODES.

This claim is bounded on the ^{North} by Sur.NO.3098 Southern Belle lode,on the East by Sur.No.3098 Jupiter lode,on the South by Sur.No.3098 Imperial and Monte Christo No.2 lodes and on the West by the Sun and Sky lodes uns.,The Detroit Copper Mining Company of Arizona,claimant.

REPORT.

U.S.M.M.No.3 is a post,6ins.square,properly set and scribed.

Sur.No.3098,Imperial,Monte Christo.No.2,Jupiter and Southern Belle lodes:

All corners are posts properly set and scribed,except Cors.Nos.1 and 3 Southern Belle and Jupiter lodes,which are stones properly set and chiseled.

The survey of each lode of this location is identical with the respective amended location as staked upon the ground.

All end centers are mounds of stone.

The differences between these field notes and the amended location notices are due to errors in the latter.

E. J. Mott
U.S. Mineral Survey

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by E. T. Morton
 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
Francisco Norte, S.V. Norte, Leonardo Garcia, and Tomas Bienes
 known as the Santa Lucia and Santa Isabella lodes
 and showing the respective capacities in which they acted.

D. P. W. Eylar, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, I. D. P. W. Eylar
 and _____, do solemnly swear that ^Iwe assisted
E. T. Morton, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Francisco Norte, S.V. Norte, Leonardo Garcia,
and Tomas Bienes
 known as the Santa Lucia and Santa Isabella 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 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

D. P. W. Eylar, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me this 23d.

day of June, 19 16

*my commission expires
 Sept. 30 - 1917 -*

A. R. Lynch
 Notary Public

(4-686.)

FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, E.T.Morton, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 15, 1916, 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 Francisco Norte, S.V. Norte, Leonardo Garcia, and Tomas Bienes, known as the Santa Lucia and Santa Isabella lodes, situate in Copper Mountain Mining District, Greenlee County, Arizona, in Section 32 Unsur., Township No. 3 S., Range No. 29 E., G. & S.R.P.M. and designated as Survey No. 3293, 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 their 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.

E.T. Morton
 U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said E. T. Morton
 U. S. ~~Deputy~~ Mineral Surveyor, before me a notary public
 this 23d
 day of June 1916

A. P. Lynch
 Notary Public

*My commission expires
 Sept. 30 - 1917 -*

No. 6581

STATE OF ARIZONA,)
) ss.
County of Greenlee)

MAY 15 1916

I, Rodney Ellis, County Recorder in and for the County of Greenlee, State of Arizona, do hereby certify that the within and following is a true, full and complete copy of the within mentioned Amended Notice of Location, as the same appears of record in my office, in Book No. 1 Record of Location Notices at pages 560-561.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of office, this 10th day of May, A.D. 1916.



Rodney Ellis
County Recorder.

Amended Notice of Location

Lode Claim

To all whom it may concern:

This mining claim, the name of which is the Santa Lucia Mining Claim, situated on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and amended for the purpose of exploration and purchase by Francisco Norte, Mrs. James Baldwin, L. Garcia and S.V. Norte the undersigned on the 25th, day of July 1912.

The length of the claim is 1153 feet, and we claim 33 feet in a N. 21° 35' E. direction, and 1120 feet in a S. 21° 35' W. direction from the center of the discovery pt. at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim.

The general course of the lode deposit and premises is from the N.E. to the S.W.

The claim is situated and located in the Copper Mountain Mining District, in Greenlee County, State of Arizona,

From the South End. Cen. of this claim U.S.L.M. No. 3 bears S. 18° 41' E. 5054 ft.

The South end line of this claim is identical with N. end line of Imperial Claim.

The surface boundaries of the claim are marked upon the ground as follows: beginning at monument of stones at a point in a N. 21° 35' E. direction 33 feet from the discovery pt. (at which this notice is posted), being in the center of the North end line of said claim; thence S. 58° E. 300 feet to a pine post, being the N.E. corner of said claim; thence S. 21° 35' W. 1153 feet to a pine post being at the S.E. corner of said claim; thence N. 58° W. 300 feet to a monument of stones being the center of the South end of said claim; thence N. 58° W. 300 feet to a pine post being at the S.W. corner of said claim; thence N. 21° 35' E. 1153 feet to a pine post at the N.W. corner of said claim; thence S. 58° E. 300 feet to the place of beginning.

This is an Amended Location Notice of the Santa Lucia mining claim, located by Romulo Chaves and Perfecto Calderon on the 20th, day of Feb. 1898, and recorded in Book 10 of Records of Mines at page 40, in the office of the County Recorder of the County of Graham to which reference is hereby made .

Dated and posted on the ground this 25th, day of July 1912.

Witness:

Francisco Norte

A.L.Terry

Mrs James Baldwin

L.Garcia

S.V.Norte

Filed and recorded at the request of J.V.Norte, July 26th A.D. 1912
at 9 o'clock A.M.

W.E.Kelly

County Recorder.

No. 6582

MAY 15 1916

STATE OF ARIZONA,)
) ss.
County of Greenlee,)

I, Rodney Ellis, County Recorder in and for the County of Greenlee, State of Arizona, do hereby certify that the within and following is a true, full and complete copy of the within mentioned Amended Notice of Location as the same appears of record in my office, in Book No.1 Record of Location Notices at pages 562-563.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of office, this 10th day of May, A.D. 1916.



Rodney Ellis
County Recorder.

Amended Notice of Location.

Lode Claim.

To All Whom it May Concern:

This mining claim, the name of which is the Santa Isabella Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and amended for the purpose of exploration and purchase by Francisco Norte, Mrs James Baldwin, L.Garcia and S.V.Norte the undersigned on the 25th day of July 1912.

The Length of the claim is 1106 feet, and we claim 1106 feet in a N. 18° 23' E direction direction from the center of the discovery pt. at which this notice is posted, lengthwise of the claim together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the N.E. to the S.W.

The claim is situated and located in the Copper Mountain Mining District, in Greenlee County, State of Arizona.

From the South End.Cen. of this claim U.S.L.M. No. 3 bears S. 11°31'E. 5980 ft. The South End line of this claim is identical with the North End line of the Santa Lucia Claim

The surface boundaries of the claim are marked upon the ground as follows; beginning at a monument of stones at the discovery pt. (at which this notice is posted), being in the center of the South end line of said claim; thence N. 58° 00' W. 300 feet to a pine post being the S.W. corner of said claim; thence N. 18° 23' E. 1106 feet to a pine post, being at the N.W. corner of said claim; thence S. 58° 00' E. 300 feet to a monument of stones being the center of the North end of said claim; thence S. 58° 00' E. 300 feet to a pine post being at the N.E. corner of said claim; thence S. 18° 23' E. 1106 feet to a pine post at the S.E. corner of said claim; thence N. 58° 00' E. 300 feet to the place of beginning.

This is an Amended Location Notice of the Santa Isabella Mining Claim, located by Romulo Chaves and Perfecto Chaldéron on the 1st, day of March 1898, and recorded in Book 10 of Record's of Mines at page 41, in the office of the County Recorder, of the County of Graham to which reference is hereby made.

Dated and posted on the ground this 25th day of July 1912

Witness:

A.L.Terry

Francisco Norte

Mrs.James Baldwin

L.Garcia

S.V.Norte

Filed and recorded at the request of J.V.Norte, July 26..A.D. 1912
at 9 o'clock A.M.

W.E.Kelly

County Recorder

By Joy Gray

Deputy Recorder.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

October 3, 1916.

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

FRANCISCO NORTE, S. V. NORTE, LEONARDO GARCIA AND TOMAS BIANES.

known as the SANTA LUCIA AND SANTA ISABELLA LODES

situate in COPPER MOUNTAIN

Mining District, GREENLEE County, ARIZONA.

in Section 32, Township No. 3 S., Range No. 29 E. unsur., and

designated as Survey No. 3293, 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 improvements made upon ^{each of} said mining claims by claimant or their grantors, and that said improvements consist of 1 shaft and 2 tunnels, total value \$1910.

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 P. Trott,

United States Surveyor-General for Arizona.

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.

October 3, 1916

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

FRANCISCO NORTE, S. V. NORTE, LEONARDO GARCIA AND TOMAS BIANES.

known as the

SANTA LUCIA AND SANTA ISABELLA LODES.

situate in COPPER MOUNTAIN mining district,

GREENLEE County, ARIZONA.

in Section 32, Township No. 3 S., Range No. 29 E., unsur

designated as Survey No. 3293

executed by E. T. Morton, U. S. Deputy Mineral

Surveyor, May 27-30, 1916, under my instructions dated

May 15, 1916, 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.

[Handwritten signature]

U. S. Surveyor-General for Arizona.