

JUL 25 1913

(4-683.)

Mineral Survey No. 3049

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

J.S. Andrews,

KNOWN AS THE

RUBY

Oro Blanco Mining District,

Santa Cruz County, Arizona.

Section 8, Township 23 S., Range 11 E. G. & S.R.M. (Unsurveyed)

Surveyed under instructions dated February 6th., 1913,

by Paul E. Fernald, U.S. Deputy Mineral Surveyor.

Claim located See location notice, 1913.

Survey commenced April 14th., 1913.

Survey completed April 15th., 1913.

o 6-100

P.O. Address of Atty. for Claimant - Frank H. Hereford Tucson, Arizona.

U.S. MINERAL SURVEY NO. 3049. RUBY

Feet... 1.037 - 3' 33" S N...  
 Beginning at Cor.No.1,  
 A 1 1/2 in.galv.iron pipe 5 ft.long, set 1 1/2 ft.in ground, with  
 mound of stones, and brass cap stamped U.S.Mineral Survey  
 No.3049, RUBY 1.

WHENCE:- The S. 1/4 Cor.of Section 32, T 22 S, R II E, G & S.  
 R.M., bears N 1° 47' E, 8779.28 ft.

Thence N 87° 32' W  
 300.00 North end center - monument of stones 3 ft.high.  
 600.00 To Cor.No.2.

A 1 1/2 in.galv.iron pipe 5 ft.long, set 1 1/2 ft.in ground, with  
 mound of stones, and brass cap stamped U.S.Mineral Survey  
 No.3049, RUBY 2.  
 Thence S 2° 28' W.

To Cor No.3,  
 A 1 1/2 in.galv.iron pipe 5 ft.long, set 1 1/2 ft. in ground,  
 with mound of stones, and brass cap stamped U.S.Mineral  
 Survey No.3049, RUBY 3.

Thence S 87° 32' E.  
 300.00 South end center - monument of stones 3 ft.high.  
 600.00 To Cor.No.4,  
 A 1 1/2 in.galv.iron pipe 5 ft.long, set 1 1/2 ft.in ground with  
 mound of stones and brass cap stamped U.S.Mineral Survey  
 No.3049, RUBY 4.

WHENCE:- U.S.Mineral Monument No.5, Oro Blanco District,  
 bears S 5° 6 1/2' E, 5870.31 ft.  
 Thence N 2° 28' E.

155.00 Crosses Ruby Trail running N.W.  
 298.00 Crosses small gulch running S.E.

1319.00 Crosses Ruby Trail running N.E.  
 1500.00 To Cor.No.1, the place of beginning.

Variation at all corners - 13 40' E.  
 No suitable natural bearing objects available.

The survey of this lode is identical with the location as  
 marked upon the ground.

LODE LINE:- As near as can be determined from present developments,

the vein of this location extends N 2° 28' E - 750.ft., and S 2° 28' W - 750.ft., from the discovery point.

ADJOINING OR CONFLICTING CLAIMS - None.

AREA - 20.661 Acres.

LOCATION:- This survey is located in the Oro Blanco Mining District, Santa Cruz County, Arizona, in Section 8, T 23 S, R. 11 E, G. & S.R.M., Unsurveyed, - and is embraced in the Coronado National Forest.

EXPENDITURE OF FIVE HUNDRED DOLLARS:-

I certify that the value of labor and improvements made upon or for the benefit of this claim by the claimant or its grantors, is not less than five hundred dollars, and that such improvements are as follows:-

No.1, The discovery point, on center line 750.ft. from each end, marks outcrop of ledge on surface.

No.2, The discovery tunnel, the center of mouth of which bears S 87° 32' E, 50.ft. from discovery point, runs in S 66° 0' W - 54.ft. (4x6) cutting ledge at face. From mouth of tunnel cut runs back 13 ft., 4 ft. wide, with 13 ft. face at tunnel mouth. The grade here is steep, giving advantageous tunnel-site, hence discovery work was done here rather than at discovery point above, to gain greater depth on vein.

Value - - - - - \$600.00

No.3. Shaft, the center of which bears S 19° 35' E, 499.ft. from Cor.No.2, is 5x6 - 8 ft. deep.

Value - - - - - \$40.00

INSTRUMENT:- This survey was made with Buff & Buff Transit No. 7905. Courses were deflected from the true meridian as determined by direct solar observations. Distances were measured with 100. and 300.ft. steel tapes.

REPORT:- The lines of this survey were run direct upon the ground. Tie lines were run by traverse - submitted in accompanying

## U.S. MINERAL SURVEY NO. 3049, Continued.

report.

- \* U.S. Mineral Monument No. 5, Oro Blanco District, is a 2 in. galv. iron pipe, projecting  $10\frac{1}{2}$  ft. above ground, painted red and white in alternate feet from top, Stamped U.S.M.M. NO. 5, O.B.D., surrounded by large monument of stones.
- \* The S.  $\frac{1}{4}$  Cor. of Section 32, T 22 S, R II E, G. & S.R.M., is a conglomerate stone 3 in. wide E & W, 9 in. wide N & S, 12 in. deep, set 9 in. in the ground, with  $\frac{1}{4}$  chiseled on W. face. No monument near, nor were there any marked trees to be found in the vicinity, after diligent search. Note error in description of this monument in original section survey notes.

Paul E. Ferrell.

U.S. Mineral Surveyor

Tucson, Ariz. July 21st. 1913.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Paul E. Fernald

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 J. S. Andrews

known as the RUBY

and showing the respective capacities in which they acted.

Fred J. Trudeau, *Chainman.*

Lauro Cordero, *Chainman.*

*Axman.*

*Flagman.*

## FINAL OATHS OF ASSISTANTS.

We, Fred J. Trudeau

and Lauro Cordero, do solemnly swear that we assisted Paul E. Fernald

Lauro Cordero, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of J. S. Andrews

known as the RUBY

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

Fred J. Trudeau, *Chainman.*

Lauro Cordero, *Chainman.*

*Axman.*

*Flagman.*

Subscribed and sworn to by the above-named persons before me this 24-

day of April, 1913

my com. exp. apr. 19-1916

[Signature]  
*Notary Public*

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Paul E. Fernald, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated February 6th. 1913., 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 J. S. Andrews, known as the RUBY, situate in Oro Blanco Mining District, Santa Cruz County, Arizona, in Section 8, Township No. 23 S., Range No. 11 E. G. & S. R. M. (Unsurveyed) and designated as Survey No. 3049, 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.

Paul E. Fernald

U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said

Paul E. Fernald

U. S. Deputy Mineral Surveyor, before me

Geo Russell

Notary Public

this 24-

day of April - 1913

my comm. exp. April 19-1916

Geo Russell

Notary Public

NOTICE OF MINING LOCATION

FEB. 6- 1913

Quartz Claim

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the RUBY mining claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by J. S. Andrews, by the undersigned, on the first day of May, 1906.

The length of this claim is fifteen hundred feet and I claim seven hundred & fifty feet in a northerly direction and seven hundred and fifty feet in a southerly direction, from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred 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 North to the South.

The claim is situated and located in the Oro Blanco Mining District, in Santa Cruz County, in the Territory of Arizona, about one mile in a northerly direction from Old Oro Blanco mine.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a northerly direction seven hundred & fifty feet from the discovery shaft ( at which this notice is posted), being in the center of the northerly end line of said claim; thence west 300 feet to a monument being the N. West corner of said claim; thence south 1500 feet to a monument being at the south west corner of said claim; thence east 300 feet to a monument of stone being the center of the south end of said claim; thence east 300 feet to a monument being at the south east corner of said claim; thence north 1500 feet to a monument of stone at the N. East corner of said claim; thence west 300 feet to the place of beginning.

All done under the provisions of Chapter Six of Title XXXII of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Codify and Revise the Laws of the Territory of Arizona", approved March 16th, 1901.

Dated and posted on the ground this first day of May, 1906.

Locator. J. S. Andrews.

Witness:

Frank Lanyon.

Filed and recorded at request of J. S. Andrews, July 19, A. D. 1906. at 9 A. M.

Phil Herold, County Recorder.

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

I, Phil Herold, County Recorder in and for the County and State aforesaid, do hereby certify that the foregoing is a full, true and correct copy of location notice of the Ruby mining claim, situate in the Oro Blanco Mining District, Santa Cruz county, Arizona, as the same appears of record in my office in Book 6 of Mining Locations at pages 498, 499 and 500.

In witness whereof, I have hereunto set my hand and affixed my official seal this 1st day of February, A. D. 1913.

  
County 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, 1913.

I, U. S. Surveyor-General for Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

J. S. Andrews

known as the R U B Y

situate in ORO BLANCO

Mining District, SANTA CRUZ County, ARIZONA.

in Section 8, Township No. 23 S., Range No. 11 E., Unsur, and

designated as Survey No. 3049, 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 said mining claim by claimant or his grantors, and that said improvements consist of 1 cut and tunnel and 1 shaft, total value \$640.00

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.

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,*

..... Phoenix, Arizona, .....

..... October 3, 1913. ....

I, U. S. Surveyor-General for ..... Arizona .....

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the  
Mining Claim of .....

..... J. S. Andrews .....

....., known as the

..... R U B Y .....

situate in ..... ORO BLANCO ..... mining district,

..... SANTA CRUZ ..... County, ..... ARIZONA. ....

in Section ..... 8 ....., Township No. .... 23 S. ...., Range No. .... 11 E. Unsur. ....

....., designated as Survey No. .... 3049 .....

executed by ..... Paul E. Fernald ....., U. S. ~~Deputy~~ Mineral

Surveyor, ..... April 14-15, 1913 ....., 190...., under my instructions dated

..... February 6, 1913 ....., 190...., 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.

*Frank S. Ingalls*

U. S. Surveyor-General for ..... Arizona. ....