

SEP. 1915

(4-683.)

Mineral Survey No. 3214

Lot No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Bunker Hill Mines Company

KNOWN AS THE

Fortuna

Tombstone Mining District,

Cochise County, Arizona

Section 11, Township 20 South, Range 22 E. G. & S. R. B. & M.

Surveyed under instructions dated July 12, 1915, 1

by Ralph L. Metz, U. S. Deputy Mineral Surveyor

Claim located see location notice 1

Survey commenced July 25, 1915. 1

Survey completed July 26, 1915. 1

6-109

Postoffice address of claimants attorneys

Ellinwood & Ross,

Bisbee, Arizona.

FORTUNA.

Beginning at Cor No 1, the N E Cor, identical with location and with Cor No 4 Sur No 790 Silver Thread lode, and situated on line 2-3 Lot No 49, Tranquillity lode at S54° 13' W 220.3 ft from Cor No 2, and N 54° 13' E 1165.8 ft from Cor No 3,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3214 F,

whence a limestone ledge 18 x 9 ins high exposure and chiseled BR xl-3214 brs S 26° 42' W 11.4 ft., and a second limestone ledge 24 x 12 x 14 ins high exposure with like chiseling brs N 5° 01' W 38.4 ft., and the 1/4 Cor between Secs 11 and 12, Tp 20 S., R 22 E., G & S R B & M brs N 13° 31' E 365.6 ft.

thence S 54° 13' W

- 688.6 along line 2-3 Lot No 49, Tranquillity lode to Cor No 5, Lot No 72, First ^{South} Ext^{ension} of the Tough Nut lode, from which point Cor No 4 said First ^{South} Ext^{ension} of the Tough Nut lode brs N 41° 18' E 221.9 ft.,
- 1066.6 to Cor No 6 Lot No 72, First ^{South} Ext^{ension} of the Tough Nut lode, from which point Cor No 7 said First ^{South} Ext^{ension} of the Tough Nut lode brs N 42° 09' W 75.8 ft.,
- 1165.8 to Cor No 2, the S E Cor, identical with location and with Cors No 3 and 8 of Lot No 49, Tranquillity lode and Lot No 48, Sulphuret lode, respectively, from this point Cor No 7 said Sulphuret lode brs N 49° 38' E 85.0 ft.,
- a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3214 F, no bearings available.
- thence N 74° 49' W
- 17.3 to original location for south end center, being a mound of stones 3 ft high with a 3 ft base,
- 97.0 to Cor No 3, the S W Cor, identical with location,
- a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3214 F, no bearings available.
- thence N 54° 13' E
- 151.9 to Cor No 7 Lot No 72 First ^{South} Ext^{ension} of the Tough Nut lode, and also intersect line 6-7 Lot No 48, Sulphuret lode at N 30° 46' W 68.8 ft from Cor No 7, and S 30° 46' E 498.3 ft from Cor No 6,
- 751.7 intersect line 3-4 Lot No 72, First ^{South} Ext^{ension} of the Tough Nut lode at N 42° 13' W 26.0 ft from Cor No 4 and S 42° 13' E 320.5 ft from Cor No 3, also intersect line 6-7 Lot No 46, Empire lode at N 42° 13' W 5.7 ft from Cor No 7 and S 42° 13' E 320.5 ft from Cor No 6, (Cor No 1 said Empire lode brs S 71° 56' E 23.7 ft from Cor No 7 of said Empire lode.)
- 1165.8 to Cor No 4, the N W Cor, identical with location,
- a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3214 F,
- whence a limestone ledge 16 x 11 ins exposure and chiseled BR x 4-3214 brs S 62° 56' E 35.7 ft., and a second limestone ledge 21 x 34 x 25 ins high with like chiseling brs N 70° 56' E 35.4 ft.

thence S 74° 49' E

79.7 to original location for north end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed NECT-F-3214, identical with Cor No 3 Sur No 790 Silver Thread lode, also intersect line 2-3 Lot No. 46, Empire lode at N 17° 24' E 5.4 ft from Cor No 2, and S 17° 24' W 1155.0 ft from Cor No 3, (Cor No 1 said to be Empire lode brs S 59° 24' W 447.2 ft from Cor No 2 of thereof.)

97.0 to Cor No 1, the place of the beginning.

LEDGE.

The presumed course of the vein on this claim is from the north end center S 54° 13' W 1165.8 ft.

AREAS.

Total area of Fortuna lode - - - - - 2.017 Acres

Conflict with Lot No 48 Sulphuret lode - - - - - 0.197 A.

Conflict with Lot No 72 First ^{South} Extension of the Tough Nut lode - - - - - 0.912 A.

Conflict with Lot No 46 Empire lode - - - - - 0.435 A.

IMPROVEMENTS.

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

- No.1. Discovery shaft 4 x 6 x 67 ft deep, 447 ft from north end center on lode line. Value \$840.00
At bottom of shaft is a drift 5 x 7' which runs N 74° E 39.8 ft., another drift 5 x 7' runs N 8° E 7.2 ft., another drift 5 x 7' runs S 74° W 18.4 ft., another drift 5 x 7' runs S 8° W 50.0 ft., 18.6 ft of this drift is on the Fortuna claim. Total drifting on Fortuna claim 84 ft Value \$840.00. Total value \$1680.00
- No.2. Shaft 4 x 8 x 10 ft deep, the center of which brs from Cor No 1, S 54° 13' W 348.1 ft. \$ 75.00
- No.3. Drift 5 x 7 ft in cross section from 500 ft level of Tranquillity Shaft owned by the applicants herein, crosses line 1-2 at S 54° 13' W 600.0 ft from Cor No 1, and runs N 60° 47' W 20.1 ft to the intersection with line 4-5 Lot No 72, First ^{South} Extension of the Tough Nut lode. Value \$ 201.00
- No.4. Drift 5 x 7 ft in cross section from 500 ft level of Tranquillity shaft owned by the applicants herein, crosses line 1-2 at S 54° 13' W 526.6 ft from Cor No 1, and runs N 19° 33' E 41.0 ft to Sta No 1, thence N 32° 13' E 65.9 ft to intersection with line 1-2 Lot No 46, Empire lode. At N 32° 13' E 17.0 ft from Sta No 1, a cross cut 5 x 7 ft in cross section runs S 54° 47' E 15.0 ft. Total drifting on Fortuna 121.9 ft. Value \$1219.00

Total improvements \$3175.00

ADJOINING CLAIMS.

- North. Gen No 152, Lot No 46, Empire Lode. Sur No 790 Silver Thread lode.
- East. Gen No 155, Lot No 49, Tranquillity lode.
- South. Gen No 156, Lot No 48, Sulphuret lode.
- West. Gen No 156, Lot No 48, Sulphuret.lode, Gen No 257, Lot No 72 First ^{South} Ext^{ension} of the Tough Nut lode, and Gen No 152, Lot No 46, Empire lode.

LOCATION.

This survey is located in the Tombstone Mining District, Cochise County, Arizona, in Section 11, Tp 20 S., R 22 E., G & S R B & M.

INSTRUMENT.

This survey was made with a C. L. Berger & Sons No 1 C transit. The courses were deflected from the true meridian as determined by a Solar observation. Magnetic variation 12° 15' East at all corners. Distances were measured with a 300 foot steel tape.

REPORT.

1/4 Cor between Secs 11 and 12, Tp 20 S, R 22 E is a limestone rock 11 x 13 x 6 ins high and chiseled 1/4 on west face. A monument of stones 2 ft west.

Gen No 152, Lot No 46, Empire lode.

Cor No 1 is a 4 x 4" post scribed EMC No 1,
 Cor No 2 is a 4 x 4" post scribed EMC No 2,
 Cor No 3 is a monument of stones with a portion of post left.
 Cor No 6 is a 4 x 4" post not scribed for Empire.
 Cor No 7 is a 4 x 4" post scribed EMC No 7.
 I find line 1-2 to be N 59° 24' E 447.2 ft instead of N 58° 38' E 448.14 ft. I find line 2-3 to be N 17° 24' E 1161.4 ft instead of N 17° 40' E 1151.7
 I find line 6-7 to be S 42° 13' E 326.2 ft instead of S 42° 02' E 326.7 ft. I find line 7-1 to be S 71° 56' E 23.7 ft instead of S 72° 20' E 23.76 ft.

Gen No 156, Lot No 48, Sulphuret lode.

Cor No 6 is a 4 x 4" post not scribed for Sulphuret.
 Cor No 7 is a monument of stones with part of old post.
 Cor No 8 is a monument of stones with part of old post.
 I find line 6-7 to be S 30° 46' E 567.1 ft instead of S 30° 45' E 565.29 ft. I find line 7-8 to be S 49° 38' W 85 ft instead of S 49° 49' W 85.14 ft.

Gen No.155, Lot No 49, Tranquillity lode.

Cor No 2 is a 4 x 4" post scribed TMC NoII,
 Cor No 3 was a monument of stones with part of old post remaining.
 I find line 2-3 to be S 54° 13' W 1386.1 ft instead of S 54° 13' W 1383.36 ft.

Gen No 257, Lot No 72 First ^{South} Ext^{ension} of the Tough Nut lode.

Cor No 3 is a 4 x 4" post not scribed for this claim.
 Cor No 4 is a 4 x 4" post scribed TN1st SE MC No IV
 Cor No 5 is a 4 x 4" post scribed TN1st SE MC No V
 Cor No 6 is a 4 x 4" post scribed TN1st SE MC No VI
 Cor No 7 is a 4 x 4" post scribed TN1st SE MC No VII
 Cor No 8 is a 4 x 4" post scribed TN 1stSE MC No VIII
 I find line 3-4 to be S 42° 13' E 346.5 instead of S 42° 13' E 346.17 ft.

I find line 4-5 to be S 41° 18' W 221.9 ft instead of
 S 41° 28' W 222.09 ft.
 I find line 5-6 to be S 54° 13' W 378.0 ft instead of
 S 54° 12' W 377.85 ft.
 I find line 6-7 to be N 42° 09' W 75.8 ft instead of
 N 42° 13' W 75.9 ft.
 I check line 7-8 in course and distance.

Sur No 790 Silver Thread lode.

Cor No 3 is a 4 x 4 post scribed STMC N 3
 Cor No 4 is a 4 x 4 post scribed STMC N 4
 Cor No 5 is a monument of stones with part of old post.
 I find line 3-5 to be S 74° 49' E 411.0 ft instead of
 S 74° 36' E 412.8 ft.

Ralph L. Motz

U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

August 28th, 1915.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Ralph L. Metz

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

Bunker Hill Mines Company

known as the Fortuna

and showing the respective capacities in which they acted.

P. H. Halleck, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~, I, P. H. Halleck

and....., do solemnly swear that ~~we~~ ^I assisted

Ralph L. Metz, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

Bunker Hill Mines Company

known as the Fortuna

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~~ ^{my} 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

P. H. Halleck, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

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

day of August 1915, 190...

JW Ross

Notary Public in and for the County of Cochise, State of Arizona.

My commission expires February 21st, 1916.

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

I, Ralph L. Mott, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 12, 1915, 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 Bunker Hill Mines Company, known as the Fortuna, situate in Combstone Mining District, Cochise County, Arizona, in Section 11, Township No. 20 S., Range No. 22 E. C. & S. T. R. & N. and designated as Survey No. 3214, 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.

Ralph L. Mott
U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Mott
U. S. ~~Deputy~~ Mineral Surveyor, before me J. J. Ross, Notary Public
this 28th
day of August, 1915,

J. J. Ross
Notary Public in and for the County
of Cochise, State of Arizona.
My commission expires February 21st, 1916.

JUL 12 1915

AMENDED NOTICE OF MINING LOCATION
LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the "FORTUNA" Mining Claim, situate on lands belonging to the United States of America, and in which there is a vein or lode of mineral bearing rock in place carrying gold, silver, copper and other valuable deposits, was entered upon and located for the purpose of exploration and purchase by the Bunker Hill Mines Company, a corporation, and citizen of the United States, the undersigned, on the 17 day of June 1915.

The length of this claim is 1200 feet, and we claim 450 feet of the lode in a Northeasterly direction and 750 feet of the lode in a Southwesterly direction from the center of the discovery shaft, 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 claim and the lode therein is from the Northeast to the Southwest.

The claim is situated and located in the Tombstone Mining District, in Cochise County, in the State of Arizona, and the discovery shaft thereof is about 3000 feet in a Northerly direction from United States Mineral Monument No. 1 of said mining district, and is bounded on the North by the "Silver Thread," Survey No. 790, and on the East by "Tranquillity," Lot No. 49, on the South by the "Sulphuret," Lot No. 48, on the West by "Toughnut First South Extension," Lot No. 72, and by the "Empire," Lot No. 46, and lies in Section 11, Township 20 South, Range 22 East, Gila and Salt

The surface boundaries of the claim are marked upon the ground as follows:

Beginning at a monument of stones and a post in a Northeasterly direction 450 feet from the discovery shaft, (at which this notice is posted), being in the center of the North end line of said claim; thence Easterly 20 feet to a monument of stones and a post, being the Northeast corner of said claim; thence Southwesterly 1200 feet to a monument of stones and a post, being the Southeast corner of said claim; thence Westerly 20 feet to a monument of stones and a post, being in the center of the South end line of said claim; thence Westerly 80 feet to a monument of stones and a post, being the Southwest corner of said claim; thence Northeasterly 1200 feet to a monument of stones and a post, being the Northwest corner of said claim; thence Easterly 80 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 under the provisions of Chapter One, of Title XXXIV, of the Revised Statutes of Arizona, 1913.

This is an amended location notice of the "FORTUNA" mining claim, located by A. L. Grow, on the 25th day of October, 1901, and recorded in Book 15, Record of Mines, at page 376, in the office of the County Recorder of the afore-said County of Cochise, to which reference is hereby made. And this amended location is made and posted by the present owner of said claim, the Bunker Hill Mines Company, to correct errors in the description in the said original location notice, and without waiving any right, title or interest heretofore acquired by virtue of said original location.

Dated and posted on the ground this 17 day of

June 1915.

BUNKER HILL MINES COMPANY,

By C. G. Goble
Superintendent

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,

November 2, 1915.

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

BUNKER HILL MINES COMPANY

known as the

FORTUNA

situate in TOMBSTONE mining district,

COCHISE County, ARIZONA

in Section 11, Township No. 20 S., Range No. 22 E.

designated as Survey No. 3214

executed by Ralph L. Motz, U. S. ~~Deputy~~ Mineral

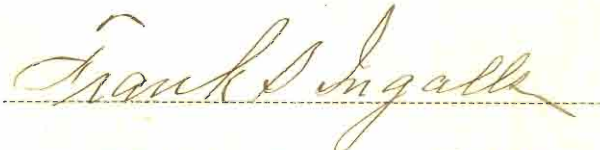
Surveyor, July 25-26, 1915, under my instructions dated

July 12, 1915, 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.



U. S. Surveyor-General for Arizona

INDEXED 2942
Recorder's Office

TOMBSTONE, Cochise Co., ARIZ.

Filed and recorded at request of

Bunker Hill M Co

JUN 19 1915 A. D. 191

4 P M.

Book 50 Record of Mines

pages 217

Qua E. Murphy Recorder

STATE OF ARIZONA

County of Cochise

I, Owen E. Murphy, Clerk Recorder and for the County and State aforesaid, do hereby certify that the within instrument was filed for record at 4 o'clock, P. M., on this

JUN 19 1915

day of

and duly recorded

in Book No. 50 of

Records of Mines of Cochise

County, Arizona, a pages 217

Witness my hand and official seal the day and year first above written.

Qua E. Murphy

County Recorder

W. H. M. H. M.

Deputy

(4-688.)

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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

November 2, 1915.

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 BUNKER HILL MINES COMPANY, known as the FORTUNA, situate in TOMBSTONE Mining District, COCHISE County, ARIZONA, in Section 11, Township No. 20 S., Range No. 22 E., and designated as Survey No. 3214, 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 its grantors, and that said improvements consist of 2 shafts and 2260 ft. of drifts and cross-cut, total value \$3175.

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.