

APR 12 1916

4-683.

Mineral Survey No. 3249

Lot No.

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

WARRIOR COPPER COMPANY

KNOWN AS THE

Manganese, Diamond H. No. 7

Globe

Mining District,

Gila

County, Arizona,

Section 11, Township 1 N., Range 14 E., G. & S. R. B. & M., unsurveyed, in the Crook National Forest.

Surveyed under instructions dated October 21, 1915.

by Edwin T. Stewart,

U. S. Deputy Mineral Surveyor

Claim located See location notices, 1

Survey commenced October 27, 1915.

Survey completed October 28, 1915.

Alderman & Elliott, Globe, Arizona, Attorneys for Claimant.

Feet. Mineral Survey No. 3249.
 Manganese.
 Beginning at Cor. No. 1, identical with S.E. Cor. of the location, Cor. No. 2 D.H. No. 4, lode, Sur. 2905, and Cor. 4, Diamond H. No. 7 lode, this survey.
 A redwood post, 4 ins. sq., with nail at the exact corner, showing 30 ins. out of the ground, with mound of stone, scribed 2-2905-D.H. 4, to which I add 1-M-3249 for this claim.
 U.S.L.M. No. 2499 bears S. 22° 37' 20" E. 1107.4 ft.
 No other bearings available.
 Thence S. 64° 17' W.
 Along line 4-3, Diamond H. No. 7 lode, this survey.
 1500.00 To Cor. No. 2, identical with S.W. Cor. of the location, and Cor. 3, Diamond H. No. 7 lode, this survey.
 A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set on bed rock, with mound of stone, scribed 2-M-3249 for this claim, whence
 A dacite boulder, showing 5 x 7 x 10 ft. out of the ground chiseled cross B.R. 3249 on the southeast side, bears N. 43° 17' W. 10.7 ft.
 No other bearings available.
 Thence N. 25° 24' W.
 300.00 To S.W.E.C. monument of the location from which the discovery cut bears N. 64° 17' E. 1408.4 ft.
 A mound of stone, 2.5 ft. base, 3.5 ft. high.
 600.00 To Cor. No. 3, identical with N.W. Cor. of the location.
 A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set on bed rock, with mound of stone, scribed 3-M-3249, whence
 A cross on limestone in place, about which is chiseled B.R. 3249, bears N. 25° 24' W. 14.8 ft.
 No other bearings available.
 Thence N. 64° 23' E.
 1500.00 To Cor. No. 4, identical with N.E. Cor. of the location.

- A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set on bed rock, with mound of stone, scribed 4-M-3249, whence
- A cross on limestone in place, about which is chiseled B.R. 3249 bears S. 32° 44' W. 25.3 ft.
- No other bearings available.
- Thence S. 25° 24' E.
- 297.50 To N.E.E.C. monument of the location.
- A mound of stone, 2.5 ft. base, 3 ft. high.
- 597.50 To Cor. No.1, the place of beginning.
- Diamond H.No.7.
- Beginning at Cor. No.1, identical with monument of the location, and Cors. 2 and 4, respectively, of Diamond H.No.2 and Diamond H.No.5 lodes, both of Sur. 2499.
- A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set on bed rock, with mound of stone, scribed 2-2499-D.H.2, 4-2499-D.H.5 to which I add 1-D.H. 7-3249 for this claim, whence
- U.S.L.M.No.2499 bears S. 23° 13' E. 508.3 ft.
- No other bearings available.
- Thence S. 64° 17' W.
- Along line 4-3, Diamond H.No.5 lode, Sur. 2499.
- 1465.70 To Cor.No.2, identical with S.W.Cor. of the location.
- On line 3-4, Diamond H.No.5 lode, Sur. 2499, N.64° 17' E. 28.9 ft. from Cor. 3.
- A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 20 ins. in the ground, with mound of stone, scribed 2-D.H.7-3249, whence
- A cross on dacite in place, about which is chiseled B.R. 3249, bears N. 34° 40' W. 9.50 ft.
- No other bearings available.
- Thence N. 25° 24' W.
- 300.00 To S.W.E.C. monument of the location from which the discovery shaft bears N.64° 17' E. 1446.5 ft.
- A mound of stone, 2.5 ft. base, 3 ft. high.

598.00 To Cor. No.3, identical with N.W.Cor. of the location,
and Cor. 2, Manganese lode, this survey.

A redwood post, previously described, to which I add
3-D.H.7 for this claim.

Thence N.64° 17' E.

Along line 2-1, Manganese lode, this survey.

1500.00 To Cor. No.4, identical with N.E.Cor. of the location,
Cor. 2, Diamond H.No.4 lode Sur. 2905, and Cor. 1,
Manganese lode, this survey.

A redwood post, previously described, to which I add 4-
D.H.7 for this claim.

Thence S. 25° 24' E.

Along line 2-1, Diamond H.No.4 lode, Sur. 2905.

290.50 Center of shaft.

298.00 To N.E.E.C. monument of the location, identical with
S.W.E.C. of said Diamond H.No.4 lode.

A mound of stone, 2.5 ft. base, 3.5 ft. high.

598.00 To Cor. No.5, identical with S.E.Cor. of the location, and
Cor. 1, Diamond H.No.4 lode, Sur. 2905.

On line 2-3, Diamond Δ No.2 lode, Sur. 2499.

A redwood post, 4 ft. long, 4 ins. sq., with nail at the
exact corner, set 24 ins. in the ground, with mound of
earth and stone, scribed 1-2905-D.H.4, to which I add
5-D.H.7-3249 for this claim, whence

A quartzite stone, showing 1 x 1.5 x 1.9 ft. out of the
ground, chiseled cross B.R. 4-2499-D.H.5, to which I
add 3249, bears N. 45° 14' W. 23.50 ft.

No other bearings available.

Thence S. 64° 12' W.

Along line 3-2, Diamond Δ No.2 lode, Sur. 2499.

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

Magnetic variations at all corners 13° 40' E.

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Lode Lines.

As near as can be determined from present development,

the veins of the two locations, embraced in this survey, extend as follows from their respective discovery points:

Manganese, N.64° 17' E. 91.6 ft. and S. 64° 17' W.

1408.4 ft.

Diamond H.No.7, N.64° 17' E. 53.5 ft. and S. 64° 17' W.

1446.5 ft.

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Areas.

	Acres.
Total Area Manganese lode	20.618
Total Area Diamond H.No.7 lode,	20.593

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Location.

This survey is located approximately in Section 11, T.1 N., R. 14 E., G. & S.R.B. & M., unsurveyed, Globe Mining District, Gila County, Arizona, in the Crook National Forest.

Adjoining and Conflicting Claims.

Carbonate No.1 lode, unsurveyed, owned by C.E.Mills, on the north. An unknown claim, unsurveyed, owned by Ballard Day et al; and the Diamond H.No.4 lode, Sur. 2905, owned by the Warrior Copper Company on the east. The Diamond H.No.2 and Diamond H.No.5 lodes, of Sur. 2499, owned by the Warrior Copper Company on the south.

An unknown claim, unsurveyed, claimant unknown, on the west.

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Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements made upon, or for the benefit of, each of the locations embraced in this survey, by the claimant or its grantors, is not less than Five Hundred Dollars, and that the said improvements consist of:

Manganese.

No.1, the discovery, cut 4 x 6 x 29 ft., which is

intersected by the lode line 91.6 ft. from the N.E.E.C., and which extends thence S. 65° E. 9.0 ft. to mouth and N. 65° W. 20.0 ft. to face. Value \$100.00.

No.2, shaft, 4 x 6 x 15 ft., the S.E. Corner of which bears N. 54° 45' W. 127.2 ft. from the N.E.E.C. Value \$125.00.

No.3, 40 ft. of cut and tunnel, 4 x 6 ft., the center of the mouth of which bears S. 74° 36' W. 73.2 ft. from Cor. 1, and which extends thence N.50° W. to face. Value \$300.00.

$\frac{1}{2}$ of Improvement No.2 on the Diamond H.No.7 lode, which is credited to this claim. Value \$350.00.

Diamond H.No.7.

No.1, the discovery, shaft 4.5 x 7 x 10 ft., the center of which is on the lode line 53.5 ft. from the N.E.E.C. Value \$100.00.

No.2, 96 ft. of cut and tunnel, 4 x 6 ft., the center of the mouth of which bears S. 40° 54' W. 148.3 ft. from Cor. 4, and which extends thence N.66° W. 46.0 ft. to face. From a point S. 66° E. 10 ft. from face a cross out extends N.16° E. 24 ft. to face. And, from the same point, a cross out extends S. 11° W. 12 ft.; thence S. 26° E. 14 ft. to face. Value \$700.00.

This tunnel is intended as a common improvement for the benefit of each of the two claims in this survey. From the portal the surface of the ground rises in a northwesterly direction to the extent that if the tunnel or the crosscut to the north from it is extended it will pass through the side line of the Diamond H.No.7 claim and into the Manganese claim at an increasing depth below the surface as it is extended, making possible the development and mining of the Manganese claim from it. The plan of developing and mining these two claims from this tunnel being a feasible one, consistent with good mining, the value thereof is distributed equally to them, \$350.00 being credited to each.

No.3, 104.5 ft. of cutand tunnel, 4 x 6 ft., the center of the mouth of which bears S. 60° 16' W. 224.5 ft. from Cor. 4, and which extends thence S. 74° 15' W. 29 ft.; thence S. 18° W. 30 ft.; thence N.69° W. 9 ft.;thence S. 66° W. 15 ft. to face. From a point S. 74° 15' W. 14 ft. from mouth a drift extends S. 28° W. 21.5 ft. to face. Value \$900.00.

No.4, shaft, 4 x 6 x 19 ft., the S.E.Corner of which bears S. 59° 03' W. 315.6 ft. from Cor. 4. Value \$175.00.

No.5, shaft, 4 x 6 x 50 ft., the center of which is on line 4-5, 290.5 ft. from Cor. 4. Value \$500.00.

This shaft being situated partially on the Diamond H. No.7 lode of this survey and on the Diamond H.No.4 lode of Sur. 2905, the value thereof is distributed equally between these two claims, \$250 being credited to this claim.

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Instrument and Determination of Meridian.

This survey was made with a 6 $\frac{1}{4}$ inch Berger Transit. The courses were deflected from the true meridian, as determined by direct Polaris observation, verified by Solar observation. The distances were measured with a 650 ft. steel tape.

Report.

The side and end lines of the claims in this survey and all tie lines were run direct upon the ground.

U.S.L.M.No.2499, to which tie is given, is a cross on limestone in place, about which is chiseled U.S.L.M. 2499 with mound of stone, 5 ft. base, 4 ft. high along-side.

Corners 1 and 2, Diamond H.No.4 lode, Sur. 2905; 2 and 3, Diamond \diamond No.2 lode, and 3 and 4, Diamond \diamond No.5 lode, both of Sur. 2499, are 4 x 4 posts properly set and scribed.

The disagreement between these notes and line 1-2,

Diamond H.No.4 lode, Sur. 2905; the tie to U.S.L.M.No. 2499 as computed through the lines of this survey from Cor. No.1 of said Diamond H.No.4 lode; the bearing of line 2-3, Diamond \diamond No.2 lode, and line 3-4, Diamond \diamond No.5 lode, Sur. 2499, and these lines as approved, is due to errors in Surveys 2499 and 2905.

The disagreement between these notes and the location notices is due to errors in the latter.

Edwin R. Stewart
U.S.Mineral Surveyor.

Globe, Arizona, December 31, 1915.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Edwin T. Stewart
 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
Warrior Copper Company
 known as the Manganese, Diamond H. No. 7
 and showing the respective capacities in which ^{he} ~~they~~ acted.

P. H. Bee, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~ _____
~~and~~ I, P. H. Bell, do solemnly swear that ~~we~~ ^I assisted _____
Edwin T. Stewart, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Warrior Copper Company
 known as the Manganese, Diamond H. No. 7
 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. Bee, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me this 31st
 day of December, 1915, 190____
 My commission expires January 31, 1919.

L. B. Filand

 Notary Public.

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

I, Edwin T. Stewart, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated October 21, 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 Warrior Copper Company, known as the Manganese, Diamond E. No. 7, situate in Globe Mining District, Gila County, Ariz., in Section 11, Township No. 1 N., Range No. 14 E., Unsurveyed, in the, Crook National Forest and designated as Survey No. 5249, 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.

Edwin T. Stewart

~~U. S. Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart
 U. S. ~~Deputy~~ Mineral Surveyor, before me L. B. Feland, a Notary
 Public this 31st
 day of December, 1915. My commission expires
January 21, 1919.

L. B. Feland

Notary Public.

OCT. 21. 1915

AMENDED LOCATION NOTICE.

MANGANESE

Lode Mining Claim.

TO WHOM IT MAY CONCERN:

This mining claim, the name of which is the MANGANESE, and which contains rock in place bearing valuable mineral deposits, was originally entered upon and located on the 1st day of January, 1908, by Warrior Copper Company, a corporation organized under the laws of the State of Delaware and qualified to transact business and transacting business in Gila County, State of Arizona. The original location notice of this claim is recorded in the office of the County Recorder of said Gila County in Book 17 of Records of Mines at page 137. This amended location of said claim is made on this 13 day of October, 1915, by said Warrior Copper Company, which is the present owner thereof; and said company hereby reserves and maintains all and abandons and relinquishes none of its rights in and to said mining claim.

The length of this claim is 1500 feet measured from the east end monument to the west end monument; and said company claims lengthwise of the claim 100 feet northeasterly and 1400 feet southwesterly from the center of the discovery cut at which this notice is posted, together with the surface ground extending on each side of the center of the claim, being 598 feet measured along the east end line and 600 feet measured along the west end line. The general course of the lode deposit and premises is from the southwest to the northeast.

This claim is situated in the Globe Mining District, in Gila County, State of Arizona, about seven and three-quarter miles in a northwesterly direction from the City of Globe, and about one mile northwest of the Kasser Mill in Lost Gulch. The southeast corner thereof is identical with the northwest corner of the Diamond H. No. 4 patented lode mining claim, Mineral Survey No. 2905.

The surface boundaries of this claim are marked upon the ground as follows: Beginning at a stone monument on the east end line of said claim 100 feet from the center of the discovery cut at which this notice is posted; thence southeasterly 300 feet to a post and stone monument at the southeast corner of said claim; thence southwesterly 1500 feet to a post and stone monument at the southwest corner of said claim; thence northwesterly 300 feet to a stone monument on the west end line of said claim; thence northwesterly 300 feet to a post and stone monument at the northwest corner of said claim; thence northeasterly 1500 feet to a post and stone monument at the northeast corner of said claim; thence southeasterly 298 feet to the place of beginning.

Dated and posted on the ground this 13 day of October, 1915.

WARRIOR COPPER COMPANY,

By Fred J. Elliott
Its Agent.

James F. McManis
Witness.

Filed and recorded at the request of Alderman & Elliott on the 14 day of October, A.D.1915, at 30 minutes past 3 o'clock P.M.

E.T.STEWART, county Recorder,
by L.B.Feland, Deputy Recorder.

STATE OF ARIZONA,)
) SS
County of GILA.)

I, E.T.STEWART, County Recorder in and for the County of Gila, State of Arizona, do hereby certify that the above and foregoing is a full, true and correct copy of the AMENDED LOCATION NOTICE of the MANGANESE Lode Mining Claim, as the same appears of record in my office in Book 16, Records of Mines, at page 237; that I have compared the same with the original record, and that the same is a true transcript, and of the whole thereof.

GIVEN under my hand and seal of office this 19th day of October, A.D.1915.



E. T. Stewart
County Recorder.

AMENDED LOCATION NOTICE.

DIAMOND H. NO. 7

Lode Mining Claim.

TO WHOM IT MAY CONCERN:

This mining claim, the name of which is the DIAMOND H. NO. 7, and which contains rock in place bearing valuable mineral deposits, was originally entered upon and located on the 10th day of February, 1897, by Chas. H. Hill, who was then a citizen of the United States. The original location notice of this claim is recorded in the office of the County Recorder of Gila County, State of Arizona, in Book 6 of Records of Mines at page 138. This amended location of said claim is made on this 13 day of October, 1915, by Warrior Copper Company, a corporation organized under the laws of the State of Delaware and qualified to transact business and transacting business in said Gila County, which company is the present owner of said claim; and said company hereby reserves and maintains all and abandons and relinquishes none of its rights in and to said mining claim.

The length of this claim is 1500 feet measured from the east end monument to the west end monument; and said company claims lengthwise of the claim 50 feet northeasterly and 1450 feet southwesterly from the center of the discovery shaft at which this notice is posted, together with the surface ground on each side of the center of the claim, being 598 feet measured along the east end line and 598 feet measured along the west end line.

This claim is situated in the Globe Mining District, in Gila County, State of Arizona, about seven and three-fifths miles in a northwesterly direction from the City of Globe, and about one mile northwest of the Kasser Mill in Lost Gulch. The southeast corner thereof bears northeasterly 34 feet from the northeast corner of the Diamond H. No. 5 patented lode mining claim, Mineral Survey No. 2499.

The surface boundaries of this claim are marked upon the ground as follows: Beginning at a stone monument on the east end line of said claim 50 feet from the center of the discovery shaft (at which this notice is posted); thence southeasterly 300 feet to a post and stone monument at the southeast corner of said claim; thence southwesterly 34 feet to a post and stone monument at an angle in the south side line of said claim; thence southwesterly 1466 feet to a post and stone monument at the southwest corner of said claim; thence northwesterly 300 feet to a stone monument on the west end line of said claim; thence northwesterly 298 feet to a post and stone monument at the northwest corner of said claim; thence northeasterly 1500 feet to a post and stone monument at the northeast corner of said claim; thence southeasterly 298 feet to the place of beginning.

Dated and posted on the ground this 13 day of October, 1915.

WARRIOR COPPER COMPANY,

By Fred J. Elliott
Its Agent.

James P. M. M. M.
Witness.

Filed and recorded at the request of Alderman
& Elliott on the 14 day of October, A.D.1915, at 30 minutes
past 3 o'clock P.M.

E.T.STEWART, County Recorder,
by L.B.Feland, Deputy Recorder.

STATE OF ARIZONA,)
) SS
County of Gila.)

I, E.T.STEWART, County Recorder in and for
the County of Gila, State of Arizona, do hereby certify that
the foregoing is a full, true and correct copy of the
AMENDED LOCATION NOTICE of the DIAMOND H.NO.7 Lode Mining
Claim, as the same appears of record in my office in Book
16, Records of Mines, at page 245; that I have compared
the same with the original record, and that the same is a
true trnascript, and of the whole thereof.

GIVEN under my hand and seal of office
this 19th day of October, A.D.1915.

E.T. Stewart
County Recorder.



4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

March 8, 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

WARRIOR COPPER COMPANY

known as the MANGANESE, DIAMOND H. NO. 7.

situate in GLOBE

Mining District, GILA County, ARIZONA.

in Section 11, Township No. 1 N., Range No. 14 E., unsur., and

designated as Survey No. 3249, 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 improved or for each of improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 4 cuts, 4 shafts, 3 tunnels, 2 crosscuts and 1 drift, total value \$2900.

Improvement No. 2 on the Diamond H No. 7 lode being a common improvement for the benefit and development of both the lodes in this survey, an undivided one-half interest therein, value \$350, is properly credited to each of said claims. Shaft No. 5 on said Diamond H No. 7 lode being situated partially on said lode and partially on the Diamond H No. 4 lode, an undivided one-half interest therein, value \$250, is properly credited to each of said claims, 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.

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,

March 8, 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

WARRIOR COPPER COMPANY

known as the

MANGANESE, DIAMOND H. NO. 7

situate in GLOBE Mining District,
GILA County, ARIZONA.

in Section 11, Township No. 1 N., Range No. 14 E., unsur.
designated as Survey No. 3249

executed by Edwin T. Stewart, U. S. Deputy Mineral

Surveyor, October 27-28, 1915, under my instructions dated

October 21, 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.