

JAN 29 1913

(4-683.)

Mineral Survey No. 3041

Lot No. _____

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Arizona Alpha Mining Company

KNOWN AS THE

Alpha, Omega, Wallapai Queen, Magnolia

Wallapai Mining District,

Mohave County, Arizona

Section 32, Township 23 N., Range 17 W., unsurveyed

Surveyed under instructions dated January 11th., 1913

by Peter McCardell,

U. S. Deputy Mineral Surveyor.

Claim located see location notices, 1

Survey commenced January 20 th., 1913

Survey completed January 24 th., 1913

Address of claimant,

O. F. Brinton, Gen. Mgr.,

Goldroad, Arizona.

SURVEY No.3041.

ALPHA LODE.

Beginning at Cor. No.1.

Identical with Cor. No.2 Omega lode of this survey.

A granite stone, 7 X 12 X 30 ins., set 12 ins. in the ground, mound of stone, chiseled 1-3041 A and 2-3041 O on their respective faces, cross (X) at corner point, whence

A cross (X) and B. R. 1-2-3041, chiseled on a granite rock 3 ft. above the ground, bears S. 16° 46' W. 10.25 ft. and a cross (X) and B. R. 1-2-3041, chiseled on a granite rock 1 1/2 ft. above the ground, bears S. 88° 33' W. 7.3 ft. 1/4 corner between sec's 5 and 32, Tps. 22 and 23 N.R. 17 W., bears S. 26° 02' W. 1317.6 ft.

Thence N. 41° 56' W.

Ft.

Va. 15° 51' E.

414.72 Intersect line 2-3 Wallapai Queen, ^{and line 1-4 Magnolia} lodes of this survey,

at N. 52° 48' E. 468.08 ft. from Cors Nos 2-1 and S. 52° 48'

W. 131.92 ft. from Cors Nos 3-4.

1482.9 To Cor. No.2.

Identical with the S. W. Cor. of Welfare lode, unsurveyed.

A granite stone, 9 X 12 X 24 ins., set 12 ins. in the ground, mound of stone, chiseled 2-3041 A., cross at corner point, whence

A cross (X) and B. R. 2-3041, chiseled on a granite rock 1 1/2 ft. above the ground, bears S. 69° 27' W. 95.1 ft.

No other bearing objects available.

Thence N. 42° 21' E.

Va. 15° 30' E.

Along the S. E. end line of Welfare lode, unsurveyed,

300 To west end center.

A granite stone, 8 X 12 X 36 ins., set 12 ins. in the ground, mound of stone, chiseled W. E. C. 3041 A.

Feet

SURVEY No. 3041 - Continued.

334.25 Intersect line 3-4 Magnolia lode of this survey, S. 31°
41' E. 369 ft. from Cor. No. 3, and N. 31° 41' W. 1131 ft.
600 To Cor. No. 3. (from Cor. No. 4.

Identical with the S. E. corner of Welfare lode, unsurveyed.

A granite stone, 9 X 18 X 36 ins., set 12 ins. in the ground, mound of stone, chiseled 3-3041 A., cross (X) at corner point, whence

A cross (X) and B. R. 3-3041, chiseled on a granite rock 2 ft. above the ground, bears S. 24° 46' W. 12.2 ft., and a cross (X) and B. R. 3-3041, chiseled on a granite rock 3 ft. above the ground, bears S. 88° 09' E. 23.9 ft.

Thence S. 41° 56' E.

Va. 15° 24' E.

1482.9 To Cor. No. 4.

Identical with Cor. No. 3, Omega lode of this survey,

A granite stone, 10 X 20 X 28 ins., set 12 ins. in the ground, mound of stone, chiseled 3-3041 O. and 4-3041 A. on their respective faces, cross (X) at corner point, whence

A cross (X) and B. R. 3-4-3041, chiseled on a granite rock 1 1/2 ft. above the ground, bears S. 24° 21' W. 33.3 ft., no other bearing objects available.

Thence S. 42° 21' W.

Va. 15° 48' E.

Along line 3-2 Omega lode of this survey.

300 To east end center.

Identical with the west end center Omega lode, of this survey.

A granite stone, 8 X 12 X 22 ins., set 12 ins. in the ground, mound of stone, chiseled E. E. C. 3041 A. and W. E. C. 3041 O., on their respective faces, cross (X) at line point,

Feet

SURVEY No.3041 - Continued.

500.42 Intersect line 3-4 Wallapai Queen lode of this survey,
S. 37° 12' E. 395.21 ft. from Cor. No. 3.
600 To Cor. No.1, the place of beginning.

OMEGA ~~LODE~~.

Beginning at Cor. No.1.

A granite stone, 12 X 16 X 30 ins., set 12 ins. in the ground, mound of stone, chiseled 1-3041 O, cross (X) at ~~eer~~ corner point, whence

A cross (X) and B. R. 1-3041, chiseled on a granite rock 2 ft. above the ground, bears S. 60° 37' E. 10.2 ft., and a cross (X) and B. R. 1-3041, chiseled on a granite rock 2 ft. above the ground, bears S. 43° 18' W. 48.25 ft.

1/4 corner between Sec's 5 and 32, Tps. 22 and 23 N., R. 17 W., bears S. 58° 07' W. 554.29 ft.

Thence N. 49° 39' W.

Va. 15° 58' E.

922.16 Intersect line 3-4, Wallapai Queen lode, of this survey,
at S. 37° 12' E. 856.23 ft. from Cor. No.3, and N. 37° 12' W. 643.77 ft. from Cor. No.4.

1376.4 To Cor. No.2.

Identical with Cor. No.1 Alpha lode of this survey, and heretofore described.

Thence N. 42° 21' E.

Va. 15° 51' E.

Along line 1-4 Alpha lode of this survey.

99.58 Intersect line 3-4, Wallapai Queen lode, of this survey,
at S. 37° 12' E. 395.21 ft. from Cor. No.3, and N. 37° 12' W. 1104.79 ft. from Cor. No.4.

300 To west end center.

Identical with east end center of Alpha lode, of this survey, and heretofore described.

600 To Cor. No.3.

Identical with Cor. No.4 Alpha lode of this survey, and

SURVEY No. 3041 - Continued.

Ft.

OMEGA LODE - Continued.

heretofore described.

 Thence S. 49° 39' E.

Va. 15° 48' E.

1376.4 To Cor. No. 4.

A granite stone, 12 X 16 X 30 ins., set 12 ins. in the ground, mound of stone, chiseled 4-3041 O., cross (X) at corner point, whence

A cross (X) and B. R. 4-3041, chiseled on a granite rock 1 ft. above the ground, bears N. 13° 14' W. 25.4 ft., and a cross (X) and B. R. 4-3041, chiseled on a granite rock 2 ft. above the ground, bears S. 14° 46' W. 7.7 ft.

 Thence S. 42° 21' W.

Va. 16° 03' E.

300 To east end center.

A granite stone, 6 X 10 X 20 ins., set 12 ins. in the ground, mound of stone, chiseled E. E. C. 3041 O., cross (X) at line point.

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

 WALLAPAI QUEEN LODE.

Beginning at Cor. No. 1.

A granite stone, 7 X 12 X 36 ins., set 4 ins. to bed rock, mound of stone, chiseled 1-3041 W. Q., cross (X) at corner point, whence

A cross (X) and B. R. 1-3041, chiseled on a granite rock 3 ft. above the ground; bears N. 75° 07' W. 35.2 ft., and a cross (X) and B. R. 1-3041, chiseled on a granite rock 2 ft. above the ground, bears N. 3° 48' W. 36.42 ft.

1/4 corner between Sec's 5 and 32, Tps. 22 and 23 N., R. 17 W., bears S. 87° 27' E. 321.12 ft.

SURVEY No,3041 - Continued.

Ft.

WALLAPAI QUEEN LODE - Continued.

Thence N. 37° 12' W.

Va. 15° 41' E.

1500

To Cor. No.2.

Identical with Cor. No.1, Magnolia lode, of this survey.

A granite stone, 6 X 10 X 24 ins., set 12 ins. in the ground, mound of stone, chiseled 1-3041 M, and 2-3041 W.Q. on their respective faces, cross (X) at corner point, whence

A cross (X) and B. R. 1-2-3041, chiseled on a granite rock 3 ft. above the ground, bears N. 67° 51' W. 40.1 ft.

No other bearing objects available.

Thence N. 52° 48' E.

Va. 15° 37' E.

Along line 1-4 Magnolia lode, of this survey.

300

To west end center.

Identical with the east end center Magnolia lode, of this survey.

A granite stone, 6 X 9 X 22 ins., set 12 ins. in the ground, mound of stone, chiseled W. E. C. 3041 W. Q., and E. E. C. 3041 M. on their respective faces, cross (X) at line point.

468.08

Intersect line 1-2 Alpha lode, of this survey, at N. 41° 56' W. 414.72 ft. from Cor. No.1, and S. 41° 56' E. 1068.18 ft. from Cor. No.2.

600

To Cor. No.3.

Identical with Cor. No.4, Magnolia lode, of this survey,

A granite stone, 6 X 12 X 22 ins., set 12 ins. in the ground, mound of stone, chiseled 3-3041 W. Q., and 4-3041 M. on their respective faces, cross (X) at corner point, whence

A cross (X) and B. R. 3-4-3041, chiseled on a granite rock 3 ft. above the ground, bears N. 25° 43' E. 30.05 ft.

SURVEY No. 3041 - Continued.

Ft.

WALLAPAI-QUEEN LODE - Continued.

and a cross (X) and B. R. 3-4-3041, chiseled on a granite rock 3 ft. above the ground, bears N. 54° 32' W. 16.1 ft.

Thence S. 37° 12' E.

Va. 15° 47' E.

and line 2-3 Omega

- 395.21 Intersect line 1-4 Alpha lode, of this survey, at N. 42° 21' E. 99.58 ft. from Cor. No. 1-2, and S. 42° 21' W. 500.42 ft. from Cor. 4-3.
- 856.23 Intersect line 1-2 Omega lode, of this survey, at N. 49° 39' W. 922.16 ft. from Cor. No. 1, and S. 49° 39' E. 454.24 ft. from Cor. No. 2.
- 1500 To Cor. No. 4.

A granite stone, 6 X 12 X 26 ins., set 12 ins. in the ground, mound of stone, chiseled 4-3041 W. Q., cross (X) at corner point, whence

A cross (X) and B. R. 4-3041, chiseled on a granite rock 2 ft. above the ground, bears N. 70° 19' E. 14.05 ft., and a cross (X) and B. R. 4-3041, chiseled on a granite rock 2 ft. above the ground, bears S 0° 32' W. 24.6 ft.

Thence S. 52° 48' W.

Va. 16° 10' E.

- 300 To East end center.

A granite stone, 7 X 16 X 28 ins., set 12 ins. in the ground, mound of stone, chiseled E. E. C. 3041 W. Q., cross (X) at line point.

- 600 To Cor. No. 1, the place of beginning.

MAGNOLIA LODE.

Beginning at Cor. No. 1.

Identical with Cor. No. 2, Walkapai Queen lode, of this survey, and heretofore described, whence

1/4 corner between Sec's 5 and 32, Tps. 22 and 23 N., R. 17 W., bears S. 45° 26' E. 1723.14 ft.

SURVEY No. 3041 - Continued.

Ft.

MAGNOLIA LODE - Continued.

 Thence N. 31° 41' W.

Va. 15° 37' E.

1500 To Cor. No. 2.

A granite stone, 16 X 16 X 24 ins., set 12 ins. in the ground, mound of stone, chiseled 2-3041 M., cross (X) at corner point, whence

A cross (X) and B. R. 2-3041, chiseled on a granite rock 2 ft. above the ground, bears S. 86° 04' E. 22 ft., and a cross (X) and B. R. 2-3041, chiseled on a granite rock 4 ft. above the ground, bears S. 0° 56' E. 94 ft.

 Thence N. 52° 48' E.

Va. 15° 43' E.

171.5 Intersect the south side line of Welfare lode, unsurveyed, at N. 45° 41' W. 432.74 ft. from the S. W. corner, and S. 45° 41' E. 1066.26 ft. from the N. W. Cor.

300 To West end center.

A cross (X) and W. E. C. 3041 M. chiseled on the east face of a granite rock, showing 7 X 12 X 7 ft. above the ground.

600 To Cor. No. 3.

A granite stone, 8 X 16 X 27 ins., set 12 ins. in the ground, mound of stone, chiseled 3-3041 M., cross (X) at corner point, whence

A cross (X) and B. R. 3-3041, chiseled on a granite rock 2 ft. above the ground, bears N. 74° 56' W. 16.6 ft., and a cross (X) and B. R. 3-3041, chiseled on a granite rock 3 ft. above the ground, bears S. 15° 59' W. 26.2 ft.

 Thence S. 31° 41' E.

Va. 15° 25' E.

369

Intersect line 2-3 Alpha lode, of this survey, at N. 42°

and the S.E. end line Welfare lode, unsurveyed,

SURVEY No. 3041 - Continued.

Ft. MAGNOLIA LODGE - Continued.

21' E. 334.25 ft. from Cor^s Nos 2, ^{and S.W. Cor,} and S. 42° 21' W. 265.75 ft. from Cor. No. 3 and S.E. Cor.

1500 To Cor. No. 4.

Identical with Cor. No. 3, Wallapai Queen lode, of this survey and heretofore described.

Thence S. 52° 48' W.

Va. 15° 47' E.

131.92 Intersect line 1-2 Alpha lode, of this survey, at N. 41° 56' W. 414.72 ft. from Cor. No. 1, and S. 41° 56' E. 1068.18 ft. from Cor. No. 2.

300 To East end center.

Identical with the West end center of Wallapai Queen lode, of this survey, and heretofore described.

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

LODE LINES.

As near as can be determined from present developments the veins of the locations embraced in this claim extend as follows from their respective discovery points:

ALPHA LODGE. 272.5 ft. S. 41° 56' E., and 1210.4 ft. N. 41° 56' W.

OMEGA LODGE. 1365.4 ft. S. 49° 39' E., and 11 ft. N. 49° 39' W.

WALLAPAI QUEEN LODGE. 1267.6 ft. S. 37° 12' E., and 232.4 ft. N. 37° 12' W.

MAGNOLIA LODGE. 974.7 ft. S. 31° 41' E., and 525.3 ft. N. 31° 41' W.

AREAS.

Area of Alpha lode..... 20.324 Acres.

" " Omega lode..... 18.947 "

Total area Wallapai Queen lode..... 20.661 "

Area in conflict with-

Omega lode of this survey.... .518 Acres.

SURVEY No.3041 - Continued.

Alpha lode, of this survey..... 1.070 Acres.

Total area Magnolia lode..... 20.565 Acres.

Area in conflict with -

Alpha lode, of this survey....5.783 Acres.

Welfare lode, unsurveyed.....3.466 "

The survey of each location of this claim is identical with the respective locations as monumented upon the ground. All of the corners and end centers of each location, are monuments of stone 3 ft. high.

LOCATION.

This survey is located ~~approximately~~ in Sec. 32 T. 23 N., R. 17 W., unsurveyed, G.& S.R.B.& M., in the Wallapai Mining District, Mohave County, Arizona.

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 said mining claim by the claimant or its grantors is not less than five hundred dollars, and that said improvements consist of:

ALPHA LODE.

No.1. The discovery shaft, on the center line 272.5 ft. from the center of line 1-4, 4 X 6 ft., 20 ft. deep.

Value, \$140

No.2. A tunnel, the mouth of which bears from Cor. No. 2, S. 74° 30' E. 575 ft., 4 X 6 ft., running S. 42° E. 905 ft., value, \$10860.

Note - A 1/4 interest in this tunnel to be credited to this location.

Value, \$2715

No.3. A tunnel, the mouth of which bears from Cor. No. 4, N. 71° 50' W. 532 ft., 4 X 6 ft., running S. 41° E. 160 ft.

Value, \$1600

No.4. A tunnel, the mouth of which bears from Cor.

SURVEY No. 3041 - Continued.

4, S. 81° W. 442 ft., 4 X 6 ft., running S. 41° E. 100 ft.

Value, \$1000

..... OMEGA ~~LODE~~.

No.1. The discovery shaft, on the center line, 11 ft. from the center of line 2-3, 4 X 6 ft., 10 ft. deep.

Value, \$70

No.2. A shaft, which bears from Cor. No.2, N. 77° 53' E. 360 ft., 4 X 6 ft., 15 ft. deep.

Value, \$120

Note - A 1/4 interest in tunnel No.2, Alpha lode, to be credited to this location.

Value, \$2715

..... WALLAPAI QUEEN ~~LODE~~.

No.1. The discovery cut, the face of which being the discovery point, is on the center line 232.4 ft. from the center of line 2-3, 4 ft. wide, 12 ft. face, running N. 37° 12' W. 35 ft.

Value, \$60

No.2. An open cut, on the center line, the center of which is 315 ft. from the center of line 1-4, 10 ft. wide, 6 ft. deep, running N. 37° 12' W. 17.5 ft., and S. 37° 12' E. 17.5 ft. from the center.

Value, \$75

Note - A 1/4 interest in tunnel No.2, Alpha lode, to be credited to this location.

Value, \$2715

..... MAGNOLIA ~~LODE~~.

No.1. The discovery shaft, on the center line, 525.3 ft. from the center of line 2-3, 4 X 6 ft., 12 ft. deep.

Value, \$70

No.2. A shaft, which bears from Cor. No.4, N. 56° 56' W. 716 ft., 4 X 6 ft., 45 ft. deep.

Value, \$360

No.3. A cut and shaft, both on the center line, the face of the former and the center of the latter being 580 and 583 ft. respectively, from the center of line 1-4

SURVEY No. 3041 - Continued.

cut 4 ft. wide, 10 ft. face, running N. 32° W. 20 ft. to mouth, shaft 4 X 6 ft., 20 ft. deep.

Value of shaft and cut, \$110

Note - A 1/4 interest in tunnel No.2, Alpha lode, to be credited to this location.

Value, \$2715

 ADJOINING CLAIMS.

The adjoining claim on the N. W. is the Welfare lode, unsurveyed, Peter Caffery, claimant.

 INSTRUMENT.

This survey was made with a Buff and Berger Transit. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 100-ft. and 500-ft. steel tapes.

 REPORT.

The lode line of each location of this claim was run directly upon the ground, and the several corners established by means of offsets from the lode lines. All tie lines were run either directly upon the ground or by traverses, run upon the ground and submitted in a separate report herewith.

Note - Owing to the position of tunnel No.2, Alpha lode, and of its being located upon ground that is from 100 ft. to 800 ft. lower than the surface of the Omega, Wallapai Queen and Magnolia lodes, and was run for the purpose of extracting ores and the drainage of water ~~from~~ from all the locations in this claim, such tunnel is a common improvement and the value of the same is equally distributed among all four of the locations in this survey.

NOTE- The discrepancy between these field notes and the location certificates with regard to courses and distances are due to error in the latter.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Peter Mc Cardell

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 Arizona Alpha

Mining Company

known as the Alpha, Omega, Wallapai Queen, Magnolia

and showing the respective capacities in which they acted.

F. P. Andreas, *Chainman.*

....., *Chainman.*

....., *Acman.*

....., *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~We~~, I, F. P. Andreas

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

....., United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Arizona Alpha Mining Company

known as the Alpha, Omega, Wallapai Queen, Magnolia

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

F. P. Andreas, *Chainman.*

....., *Chainman.*

....., *Acman.*

....., *Flagman.*

Subscribed and sworn to by the above-named persons before me this 28 th.

day of January 1913, 190

My commission expires

February 21 st. 1916.

Charles Metcalf
Notary Public.

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

I, Peter Mc Cardell, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated January 11 th. 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 Arizona Alpha Mining Company, known as the Alpha, Omega, Wallapai Queen, Magnolia, situate in Wallapai Mining District, Mohave County, Arizona, in Section 32, Township No. 23 N., Range No. 17 W., G. & S. R. B. & M., unsurveyed and designated as Survey No. 3041, 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.

Peter Mc Cardell

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

Subscribed and sworn to by the said Peter Mc Cardell

U. S. Deputy Mineral Surveyor, before me a notary Public

this 28 th.

day of January 1913

My commission expires
February 21 st. 1916.

Charles McCardell

Notary Public.

Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Arizona Alpha Mining Company,
A corporation

~~The undersigned citizen of the United States, over the age of twenty-one years,~~ having complied with all the requirements of the laws of the United States and the ~~Territory~~ ^{State} of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of Wallapai

..... Mining District, hereby make and file this its amended location of the Alpha Lode, claiming by right of discovery, location, primal appropriation and possession 1470.9 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing copper, gold and other valuable minerals, with all dips, variations and angles, the same being 1198.4 feet along the ledge in a N. 41° 56' W. direction from the discovery stake and 272.5 feet along the ledge in a S. 41° 56' E. direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in Wallapai Mining District, County of Mohave, ~~Territory~~ ^{State} of Arizona, in Sec. 32 T. 23 N., R. 17 W. and more particularly described as follows, to-wit:

..... Beginning at the discovery of the claim, where a location monument is established and this notice posted; thence N. 41° 56' W. 1198.4 ft. to the N. W. end center monument; thence N. 42° 21' E. 300 ft. to the N. E. corner; thence S. 41° 56' E. 1470.9 ft. to the S. E. corner; thence S. 42° 21' W. 300 ft. to the S. E. end center monument, 600 ft. to the S. W. corner; whence 1/4 corner between 29 sec's 5 and 32 Tps. 22 and 23 N., R. 17 W., bears S. 26° 02' E. 1317 ft. Thence N. 41° 56' W. 1470.9 ft. to the N. W. corner; Thence N. 42° 21' E. 300 ft. to the N. W. end center monument, the place of beginnin exterior boundary.

THIS AMENDED LOCATION is made in conformity with the original location, made January 1 st. 1882, recorded January 1 st. 1882, in Book F., Page 23, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery January 1 st. A. D. 1882
Date of Amended Location December 28 th. A. D. 1912

Attest: Arizona Alpha Mining Co.
By O. F. Brinton, General Manager

Recorded at the request of O. F. Brinton at 9 o'clock A.M., Jan. 3rd. 1913 in Book DD of Mining Claims, Page 688, Records of Mohave County, Arizona.
J. W. Morgan, County Recorder
By I. J. Whitney, Deputy.

JAN 10 1913

Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Arizona Alpha Mining Company,
a corporation

~~the undersigned citizen of the United States, over the age of twenty-one years,~~ having complied
with all the requirements of the laws of the United States and the ~~Territory~~ ^{State} of Arizona, relating to
mining claims, and with the local laws, customs, rules and regulations of Wallapai

Mining District, hereby make and file this its amended location of
the Omega Lode, claiming by right of discovery, location, primal ap-
propriation and possession 1376.4 feet, linear and horizontal measurement, on
this vein or lode of quartz, or other rock in place, bearing copper, gold and other
valuable minerals, with all dips, variations and angles, the same being 1365.4 feet
along the ledge in a S. 49° 39' E. direction from the discovery stake and 11
feet along the ledge in a N. 49° 39' W. direction therefrom, together with 300
feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits,
mineral and surface ground within the lines of said claim.

Situate in Wallapai Mining District, County of Mohave,
~~Territory~~ ^{State} of Arizona, in sec. 32 T. 23 N., R. 17 W. and more particularly described as
follows, to-wit:

Beginning at the discovery of the claim, where a location
monument is established and this notice posted; thence N. 49° 39' W.
11 ft. to the N. W. end center monument; thence N. 42° 21' E. 300 ft.
to the N. E. corner; thence S. 49° 39' E. 1376.4 ft. to the S. E.
corner; thence S. 42° 21' W. 300 ft. to the S. E. end center monu-
ment, 600 ft. to the S. W. corner, whence 1/4 corner between sections
5 and 32 Tps. 22 and 23 N., R. 17 W., bears S. 58° 11' W. 554.38 ft.
Thence N. 49° 39' W. 1376.4 ft. to the N. W. corner; thence N. 42°
21' E. 300 ft. to the N. W. end center, the place of beginning.

THIS AMENDED LOCATION is made in conformity with the original location, made
August 16th. 1898., recorded October 4th. 1898., in Book O,
Page 8, of Quartz Locations, in the office of the Recorder of said County, and it is made for
the purpose of appropriating all ground within the boundaries hereinbefore described, and of more
definitely describing the situation and boundaries of said lode, correcting any irregularities, informali-
ties or errors, supplying omissions and correcting any defects which may have existed in the original
location, or the record thereof, hereby waiving no rights acquired under and by virtue of said orig-
inal location. And if the original location or the certificate thereof is void, then this location shall be
an original location and this certificate an original certificate.

Date of Original Discovery August 16 th. A. D. 1898
Date of Amended Location December 28 th. A. D. 1912

Attest: Arizona Alpha Mining Co.
By O. F. Brinton, General Manager

Recorded at the request of O.F.Brinton at 9 o'clock A.M. Jan. 3rd. 1913
in Book DD of Mining Claims, page 689, Records of Mohave County, Arizona.
J. W. Morgna, County Recorder
By I. J. Whitney, Deputy

Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Arizona Alpha Mining Company,
a corporation

~~the undersigned citizen of the United States, over the age of twenty-one years,~~ having complied with all the requirements of the laws of the United States and the ^{State} Territory of Arizona, relating to mining claims, and with the local laws, customs, rules and regulations of Wallapai

..... Mining District, hereby make and file this its amended location of the Wallapai Queen Lode, claiming by right of discovery, location, primal appropriation and possession 1500 feet, linear and horizontal measurement, on this vein or lode of quartz, or other rock in place, bearing copper, gold and other valuable minerals, with all dips, variations and angles, the same being 232.4 feet along the ledge in a N. 37° 12' W. direction from the discovery stake and 1267.6 feet along the ledge in a S. 37° 12' E. direction therefrom, together with 300 feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits, mineral and surface ground within the lines of said claim.

Situate in Wallapai Mining District, County of Mohave, ^{State} Territory of Arizona, in Sec. 32 T. 23N. R. 17 W. and more particularly described as follows, to-wit:

Beginning at the discovery of the claim, where a location monument is established and this notice posted; Thence N. 37° 12' W. 232.4 ft. to the N. W. end center monument; thence N. 52° 48' E. 300 ft. to the N. E. corner; thence S. 37° 12' E. 1500 ft. to the S. E. corner; thence S. 52° 48' W. 300 ft. to the S. E. end center monument, 600 ft. to the S. W. corner, whence 1/4 corner between sec.s 5 and 32 Tps. 22 and 23 N., R. 17 W., bears S. 87° 27' E. 321.12 ft. Thence N. 37° 12' W. 1500 ft. to the N. W. corner; thence N. 52° 48' E. 300 ft. to the N. W. end center monument the place of beginning.

THIS AMENDED LOCATION is made in conformity with the original location, made January 17th. 1901, recorded April 16 th. 1901, in Book P, Page 178-179, of Quartz Locations, in the office of the Recorder of said County, and it is made for the purpose of appropriating all ground within the boundaries hereinbefore described, and of more definitely describing the situation and boundaries of said lode, correcting any irregularities, informalities or errors, supplying omissions and correcting any defects which may have existed in the original location, or the record thereof, hereby waiving no rights acquired under and by virtue of said original location. And if the original location or the certificate thereof is void, then this location shall be an original location and this certificate an original certificate.

Date of Original Discovery January 17 th. A. D. 1901

Date of Amended Location December 28 th. A. D. 1902

Attest:

Arizona Alpha Mining Co.

By O. F. Brinton, General Manager.

Recorded at the request of O. F. Brinton at 9 o'clock A.M., Jan. 3rd. 1913
Book DD of Mining Claims, page 690, Records of Mohave County, Arizona.

J. W. Morgan, County Recorder

By I. J. Whitney, Deputy.

Amended Location Certificate

KNOW ALL MEN BY THESE PRESENTS, That Arizona Alpha Mining Company,
a corporation

~~the undersigned citizen of the United States, over the age of twenty-one years,~~ having complied
with all the requirements of the laws of the United States and the ^{State} ~~Territory~~ of Arizona, relating to
mining claims, and with the local laws, customs, rules and regulations of Wallapai

..... Mining District, hereby make and file this its amended location of
the Magnolia Lode, claiming by right of discovery, location, primal ap-
propriation and possession 1500 feet, linear and horizontal measurement, on
this vein or lode of quartz, or other rock in place, bearing gold and other
valuable minerals, with all dips, variations and angles, the same being 525.3 feet
along the ledge in a N. 31° 41' W. direction from the discovery stake and 974.7
feet along the ledge in a S. 31° 41' E. direction therefrom, together with 300
feet in width on each side of the middle of said ledge, and all veins, lodes, ledges, mineral deposits,
mineral and surface ground within the lines of said claim.

Situate in Wallapai Mining District, County of Mohave,
~~Territory~~ ^{State} of Arizona, in Sec. 32 T. 23 N., R. 17 W. and more particularly described as
follows, to-wit:

Beginning at the discovery of the claim, where a location
monument is established and this notice posted, thence N. 31° 41' W.
525.3 ft. to the N. W. end center monument; thence N. 52° 48' E.
300 ft. to the N. E. corner; thence S. 31° 41' E. 1500 ft. to the
S. E. corner; thence S. 52° 48' W. 300 ft. to the S. E. corner
monument, 600 ft. to the S. W. corner, whence 1/4 corner between
sec's 5 and 32 Tps. 22 and 23 N., R. 17 W., bears S. 45° 20' E.
1723.14 ft. Thence N. 31° 41' W. 1500 ft. to the N. W. corner;
thence N. 52° 48' E. 300 ft. to the N. W. end center monument, the
place of beginning exterior boundary.

THIS AMENDED LOCATION is made in conformity with the original location, made
October 11 th. 1909, recorded January 8 th. 1910, in Book EE,
Page 692, of Quartz Locations, in the office of the Recorder of said County, and it is made for
the purpose of appropriating all ground within the boundaries hereinbefore described, and of more
definitely describing the situation and boundaries of said lode, correcting any irregularities, informali-
ties or errors, supplying omissions and correcting any defects which may have existed in the original
location, or the record thereof, hereby waiving no rights acquired under and by virtue of said orig-
inal location. And if the original location or the certificate thereof is void, then this location shall be
an original location and this certificate an original certificate.

Date of Original Discovery October 11 th. A. D. 1909

Date of Amended Location December 28 th. A. D. 1912

Attest: Arizona Alpha Mining Co.
By O. E. Brinton, General Manager.

Recorded at the request of O.F. Brinton at 9 o'clock A.M., Jan. 3rd 1913.
in Book DD of Mining Claims, Page 691, Records of Mohave County, Arizona.
J. W. Morgan, County Recorder
By I. J. Whitney, Deputy.

 * RECORDER'S CERTIFICATE *
 * ***** *
 * ***** *

STATE OF ARIZONA,)
) :-SS
 County of Mohave.)

I, J. W. MORGAN, County Recorder of the County of Mohave,
 State of Arizona, do hereby certify that I have compared the foregoing
 and attached copies of Amended Location Certificates of the

 * "ALPHA" "OMEGA" "WALLAPAI QUEEN" and "MAGNOLIA" *
 * ***** *

Lode Mining Claims, located and situated in the WALLAPAI Mining District,
 Mohave County, Arizona, and of the endorsement thereupon with the
 original records of the same on file in this office, and that the
 same are correct transcripts therefrom and of the whole of said
 original records.

WITNESS, my hand and seal of said office,
 this 4th., day of January, A.D. 1913.



J. W. Morgan

 Recorder of Mohave County.

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

DEPARTMENT OF THE INTERIOR,
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

April 1, 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

ARIZONA ALPHA MINING COMPANY

, known as the ALPHA, OMEGA, WALLAPAI QUEEN, MAGNOLIA.

, situate in WALLAPAI

Mining District, MOHAVE County,

ARIZONA, in Section 32, Township No. 23 N,

Range No. 17 W., Uns., and designated as Survey

No. 3041, 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 for each of
or improvements made upon said mining claims by claimant or its grantors, and
that said improvements consist of 6 shafts, 3 tunnels and 3 cuts, total
value \$14465.00. An undivided 1/4 interest, value \$2715, in
tunnel No. 2 on the Alpha lode, is properly credited to each of
the claims in this survey, as said tunnel is a common improve-
ment for the extraction of ores and drainage of water from all
four of the locations in this group.

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,

April 1, 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

ARIZONA ALPHA MINING COMPANY

, known as the

ALPHA, OMEGA, WALLAPAI QUEEN, MAGNOLIA.

situate in WALLAPAI Mining District,

MOHAVE County, ARIZONA

in Section 32, Township No. 23 N, Range No. 17 W., Uns.

, designated as Survey No. 3041

executed by Peter McCardell, U.S. Deputy Mineral

Surveyor, January 20-24, 1913, 190, under my instructions dated

January 11, 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.

Handwritten signature of Frank J. Conzatti

U. S. Surveyor-General for Arizona.