

Copied Aug. 17, 1909.

A. L. H.

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4-683.

MINERAL SURVEY No. 2666.

LOT No.

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

THE ARIZONA NATIONAL COPPER CO. COMPANY

KNOWN AS THE

GREATER REPUBLIC NO. 2.

Globe

Mining District,

Gila

County,

Arizona

Section ~~36~~ 36, Township 1 N, Range 13 E *County*

Surveyed under instructions dated June 2, 1909

by Howard T. Wayne.

U. S. Mineral Surveyor.

Claim located *See location notice*, 19 ~~08~~

Survey commenced June 5, 19 09

Survey completed June 23, 19 09

6-822

ALDERMAN & ELLIOTT, Attys, for claimant

Globe, Arizona.

FEET.

SURVEY NO. 2666.

GREATER REPUBLIC No. 2 LODGE

Beginning at corner No. 1, the N.E. corner, identical with location, a nail, in a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stone and scribed 1-2666-G.R.No.2, whence the Standard corner of Secs. 31 & 36, T. 1 N., R. 13 and 14 E., brs. S 13° 11' E 1075.0 feet. No available witnesses.

THENCE S 33° 48' W 2000.0 feet

95.0 to wagon road.
600.0 to corner No. 1, Greater Republic Lode, Sur. No. 2667
869.9 to intersection north end of Annie lode, unsurveyed, whence N.W. corner of the Annie lode bears N 68° 16' W 580.5 feet.

1226.1 to intersection G & S R B & M, at N 88° 17' W 927.7 feet from Stand. corner of T. 1 N and 1 S R 13 and 14 E and at S 88° 17' E 4213.4 feet from the S.W corner of sec. 36 T. 1 N R 13 E.

1500.0 same course to corner No. 2, the S.E. corner, identical with location, a nail, in a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stone and scribed 2-2666-G.R.No.2. No available witnesses.

THENCE N 56° 12' W

191.2 to intersection west side of Annie lode, unsurveyed whence the N.W. corner of the Annie lode bears N 3° 21' W 636.30 feet.

300.0 to S.W.E.C. a nail, in a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stone and scribed 2666. Identical with location

436.9 to intersection G & SR B & M at N 88° 17' W 1443.37 feet from the Stand. corner of T. 1 N and 1 S R 13 and 14 E and at S 88° 17' E 3697.73 from the S.W. corner of sec. 36.

600.0 same course to corner No. 3, the S.W. corner, identical with location, a nail, in a pine post 4 feet 4 inches square set 18 inches in the ground in a mound of stone and scribed 3-2666-G.R.No.2, whence rock croppings chiseled B.R. X 2666. bear N 21° 18' E 39.4 feet.

THENCE N 33° 48' E

900.0 to corners No. 1 of Hal and Al, and Dan and Mac, Survey No. 2667
1085.0 to wagon road- National shaft to Pinto Creek road.

1290.0 to Pinto creek wagon road

1470.0 to north side of Pinto Creek.

1500.0 same course to corner No. 4, the N.W. corner, identical with location, a nail, in a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stone and scribed 4-2666-G.R.No.2. No available witnesses.

THENCE S 56° 12' E

30.0 to the north side of Pinto Creek

300.0 to N.E.E.C., a nail, in a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stone and scribed 2666. Identical with location.

535.0 To Cor. No. 1 Wedge lode, Sur. No. 2667, and Cor. No. 2 Monroe Doctrine lode, same survey.
600.0 same course to corner No. 1, the point of beginning.

Variation 13° 15' E at all corners

LEDGE.

The presumed course of the vein on this claim is from the northeast end center of location S 33° 48' W 1500.ft.

AREA.

	Acres	Acres
Total area Greater Republick No.2 L.		20.661
Area in conflict with- Annie Lode, unsurveyed	5.277	

LOCATION.

This claim is located in Secs. 1 and 36, T.1 N. and 13 S., 1 N R 13 E, G & S R B & M, unsurveyed, in the Globe Mining District, Gila County; within the Crook National Forest.

ADJOINING CLAIMS.

N.E.	Wedge lode, Survey No. 2667, Arizona National Copper Co., owner, Monroe Doctrine, " " " " owner.
S.E.	Greater Republick " " " " " " Maggie lode, unsurveyed, Geo. Bowen and others " " Annie " " " " " "
S. W.	Annie " " " " " " Triangle " " " " Standard Copper Co. "
N.W.	Hal and Al, and Dan and Mac, ^{lodes, Sur. No. 2667,} Arizona National Copper Co., owners.

THE EXPENDITURE OF FIVE HUNDRED DOLLARS.

I do here by certify that the value of the 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 said improvements consist of the following:-

No.1 A discovery cut- 4 x 12 - 10 ft. the mouth of which bears from the N.E.E.C. S 33° 48' W 500.0 ft.

Value of cut \$ 25.00

No.2. A tunnel, the mouth of which bears from the N.E.E.C. S 38° 43' W 280.0 feet, 4 x 6 running S 30° W 100 feet.

Value of tunnel 700.00

No.3. A tunnel, the mouth of which bears from the N.E.E.C. S 29° 38' W 371.0 feet, 4 x 6, running S 30° W 50 feet

Value of tunnel 350.00

No.4. A tunnel, the mouth of which bears from the N.E.C. S. 30° 00' W. 514 ft, 6 x 6 ft, Value, 25.00

No.5. An undivided 1/13 interest in a common improvement shaft, drifts and crosscuts which bears from the S.W. corner of Wedge lode, Survey No. 2667, N 44° 23' E. 492.0 feet. (Fully described under Report.)

Value of said interest \$2363.00

INSTRUMENT.

This survey was made with a W & L.E. Gurley Mountain transit fitted with a Burt. solar by which the true meridian was obtained and checked upon previously determined courses. Distances were measured with 100 and 500 ft. steel tapes.

REPORT.

The shaft located on the Wedge lode, ^{Sur. No. 2667} and noted as No. 5 under expenditure heading of this survey is a common improvement for 13 claims namely, - Greater Republic, Monroe Doctrine, Arbitration, Wedge Hal and Al, Dan and Mac, Pine Tree, Lost Coon, ^{Wonder} Virginia, Rambler No. 2, ^{lode, Sur. No. 2667} Greater Republic No. 2, ^{lode, this survey,} and Sure Mike lode, ^{Sur. No. 2672}. These claims are either now held under bond or are owned by the Cactus Development Company and said common improvement has been made by them.

This common improvement consists at present of a 650 foot vertical shaft 5 x 11 feet in the clear timbered throughout with crosscuts or drifts from the 300, 400, and 500 foot levels aggregating 590 feet, distributed as follows:-

300 foot level - Crosscut east 100ft. Crosscut West 95. ft. Crosscut N 35 ft.

400 foot level - Crosscut east 105ft. Crosscut west 95 ft. Crosscut N 35 ft.

500 foot level - Crosscut east 50 ft. Crosscut west 75 feet.

The total value of this improvement is not less than \$ 30720.00, making an undivided 1/13 interest worth \$2363.00

The mineralization upon the 13 claims sharing in this improvement is similar to that of the other low grade copper properties of this district, such as Miami, Inspiration etc. Altered shist is impregnated with chalcocite and the ore body consists of a blanket ^{deposit} rather than veins, making a deep shaft the practical means of developing a group, it being of as much benefit to adjacent claims as to tandem claims. This shaft has already proven commercial ore in all directions and is a genuine common improvement.

Howard R. Payne
U. S. Mineral Surveyor.

Globe, Arizona.
July 25 1909.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Howard T. Wayne
 United States 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 _____
THE ARIZONA NATIONAL COPPER COMPANY.
 known as the GREATER REPUBLIC NO. 2
 and showing the respective capacities in which they acted.

J. M. Richards, Chainman.
 _____, Chainman.
M. J. Palmatier, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, J. M. Richards
 and M. J. Palmatier, do solemnly swear that we assisted
Howard T. Wayne, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of _____
THE ARIZONA NATIONAL COPPER COMPANY
 known as the GREATER REPUBLIC NO. 2

represented in the foregoing field notes as having been surveyed by said 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 instruc-
 tions furnished by the United States Surveyor-General for Arizona

J. M. Richards, Chainman.
M. J. Palmatier, Chainman.
 _____, Axman.
 _____, Flagman

Subscribed and sworn to by the above-named persons before me this 26th

day of July, 1909

my commission expires May 27th 1913

C. M. Harwood
 Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Howard T. Wayne, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 2 1909, 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 THE ARIZONA NATIONAL COPPER COMPANY, known as the GREATER REPUBLIC NO. 2, situate in Globe Mining District, Gila County, Arizona, in Section 36, Township No. 1 N, Range No. 13 E unsurveyed, and designated as Survey No. 2666, 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.

Howard T. Wayne
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Howard T. Wayne
U. S. Mineral Surveyor, before me C. M. Sharsen
a Notary Public this 26th
day of July, 1909

my commission expires May 21 13

C. M. Sharsen
Notary Public

Affidavit of Five Hundred Dollars Improvements.

We, J. M. Richards and Chas. Meyer

of lawful age, being first duly sworn according to law, depose and say: That we are

acquainted with the GREATER REPUBLIC NO. 2 mining claim,

situate in Globe Mining district, Gila County,

Arizona Territory, for which The ARIZONA NATIONAL COPPER COMPANY

has made application for survey prior to application for patent under the provisions of the act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and its grantor exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

J. M. Richards

Chas. Meyer

TERRITORY OF ARIZONA,

County of Gila } ss:

Sworn to and subscribed before me, this 26th



day of July, 1907

My commission expires May 22/13

M. H. Harsen
Notary Public

NOTICE OF MINING LOCATION
LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the GREATER REPUBLIC NO. 2 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 purposes of exploration and purchase by CACTUS DEVELOPMENT COMPANY, a corporation organized under the laws of Minnesota, and qualified under the laws of Arizona to do business in Gila County, Arizona, the undersigned, on the 10th day of February, 1909.

The length of this claim is 1500 feet, and it claims, lengthwise of the claim, 500 feet, in a N. 34° 15' E. direction and 1000 feet in a S. 34° 15' W. direction from the center of the discovery shaft or cut, at which this notice is posted, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the northeast to the southwest.

The claim is situated and located in the Globe Mining District, in Gila County, in the Territory of Arizona, about fourteen miles in a westerly direction from the city of Globe, Arizona; and the discovery cut is about 950 feet in a southerly direction from the two-compartment shaft known as the "HAMILTON" shaft, on the WEDGE claim, belonging to The Arizona National Copper Company, and the northeasterly end line coincides with the greater portion of the southwesterly end line of said WEDGE claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a post and stone monument

at a point in a N. 34° 15' E. direction 500 feet from the discovery shaft or cut (at which this notice is posted), being in the center of the northeast end line of said claim; thence N. 55° 45' W. 300 feet to a post and stone monument, being the northwest corner of said claim; thence S. 34° 15' W. 1500 feet to a post and stone monument, being at the southwest corner of said claim; thence S. 55° 45' E. 300 feet to a post and stone monument at the center of the southwest end of said claim; thence S. 55° 45' E. 300 feet to a post and stone monument, being at the southeast corner of said claim; thence N. 34° 15' E. 1500 feet to a post and stone monument at the northeast corner of said claim; thence N. 55° 45' W. 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 Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 10 day of February, 1909.

CACTUS DEVELOPMENT COMPANY,

BY J. M. Hamilton
Superintendent and Agent.

WITNESSES:

J. M. Hamilton

J. L. M. Drew

Filed and recorded at the request of R. L. Alderman on the 8 day of May A. D. 1909 at 40 minutes past 1 o'clock P. M.
E. T. Stewart County Recorder.

TERRITORY OF ARIZONA, }
COUNTY OF GILA } ss.

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of Amended Location Notice of
the "GREATER REPUBLIC NO. 2" Mining Claim,
as the same appears of record in my office in Book 8, Records of Mines
at page 618.; 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 12th day of

May A. D. 1909.

E. T. Stewart
By Belle M. McDonald Deputy Recorder, Gila County, A. T.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

October 2, 1909.

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

The Arizona National Copper Company.

known as the Greater Republic No. 2.

situate in Globe

Mining District, Gila County, Arizona.

in Section 36, Township No. 1 N., Range No. 13 E., Unsur., and

designated as Survey No. 2666, 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 ^{or for} said mining claim by claimant or its grantors, and that said improvements consist of 3 tunnels, value \$1100.00. Shaft No. 5 and workings therefrom on the Wedge lode, Survey No. 2667, being a common improvement for the benefit and development of this and twelve other lode claims, an undivided 1/13 interest therein, value \$2363, is credited to this claim.

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.

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 2, 1909.

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

The Arizona National Copper Company

, known as the

Greater Republic No. 2

situate in Globe mining district,

Gila

County,

Arizona.

in Section Approx. 36, Township No. 1 N., Range No. 13 E., Unsur.

, designated as Survey No. 2666

executed by Howard T. Wayne, U. S. Deputy Mineral

Surveyor, June 5-23, 1909, under my instructions dated

June 2, 1909, 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 A. Lyall

U. S. Surveyor-General for Arizona.

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (952)
BUREAU OF LAND MANAGEMENT M.S. 2666
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Greater Republic No.2 lode, Mineral Survey No. 2666, located in section 36, Township 1 North, Range 13 East and section 1, Township 1 South, Range 13 East, Gila and Salt River Meridian, Arizona, is hereby canceled.

This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Greater Republic No.2 lode, M.S. 2666 was canceled February 16, 1999, by memo 9605 (952) M.S. 2666, which is now a part of the original field notes."

February 16, 1999
Date


Chief Cadastral Surveyor of Arizona