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May 25 1906

*Copies  
by H.S.D.*

(4-683.)

Mineral Survey No. 2229

Lot No. \_\_\_\_\_

ARIZONA Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

~~THE~~ <sup>THE</sup> MANHATTAN DEVELOPMENT COMPANY

Frank H. Hereford Atty.

KNOWN AS THE

Copper King

California Mining District,

Cochise County, Territory of Arizona

Section approx, Township 17 S, Range 30 E G & S R B&M

Surveyed under instructions dated March 9 1906, 1

by I. J. Stauber,  
*U. S. Deputy Mineral Surveyor.*

Claim located see location notice, 1

Survey commenced May 15 1906, 1

Survey completed May 15 1906, 1

o 6-100

Post office address of claimants attorney  
Frank H. Hereford, Tucson, Pima County, Arizona.

*True  
copy  
made  
2/20*

SURVEY NO. 2229.

COPPER KING LODE.

Situated in the California Mining District, Cochise, County, Arizona and owned by the Manhattan Development Company.

AFFIDAVIT OF \$500.00 IMPROVEMENTS.

I hereby certify that the value of the labor and improvements upon or for the benefit of this claim placed thereon by the claimant or its grantors is not less than \$500. and I further certify that the improvements as stated below were made by the applicant prior to the expiration of the period of publication of notice of application for patent.

This work to the value of \$100.00 or more has been done on this location. The remainder has been concentrated on seven (7) long tunnels and two(2) deep shafts designed to develop the entire group of claims owned by the Manhattan Development Company. The seven long tunnels and two deep shafts are located as follows:

Main tunnel, mouth of which hrs. from Cor. No. 1, Copper Trust lode, Survey No. 2220, S. 70° 24' W. 722.3 ft. has 752.1 ft. of 5 X 7 ft. drifting and 15 ft. of 4 X 4 ft. winze, as described in survey No. 2220.

Total Value, \$10500.00

Tunnel No. 1, 4 X 6 X 125 ft. long hrs. S. 84° 0' W. the mouth of which hrs. from Cor. No. 3, Copper Bluff lode, Survey No. 2220, S. 73° 52' W. 691. ft. Value, \$1250.00

Tunnel No. 2, 4 X 6 X 175 ft. long hrs. N. 83° 0' W., hrs. from Cor. No. 2, Iron Cap lode, Survey No. 2220 S. 85° 5' W. 150 ft. Value, \$1750.00

Tunnel No. 3, 4 X 6 X 140 ft. long hrs. S 89° W., hrs. S. E. E. C. Rodea lode, Survey No. 2220, N. 86° W. 471 ft. Value, \$1400.00

Tunnel No. 4, or Rieder tunnel, the Mouth of which hrs. from Cor. No. 3, Hidden Treasure lode, Survey No. 2220, N. 59° 0' E. 144 ft. and has 462 ft. of 5 X 7 ft. drifting, as described in Survey No. 2220, Value \$6930.00

Tunnel No. 5. 4 X 6 X 200 ft. long brs. N. 72° 0' W., the mouth of which brs. from Cor. No. 1, Queen lode, Survey No. 2220, N. 35° 56' W. 236 ft. Value, \$2000.00

Tunnel No. 6, 4 X 6 X 110 ft. long brs. S. 90° W., the mouth of which brs. from Cor. No. 3, Rodea lode, Survey No. 2220, N. 51° E. 9 ft. Value, \$1100.00

Deep shaft No. 1, 4 X 6 X 125 ft. deep, well timbered brs. from Cor. No. 3, Copper Bluff lode, Survey No. 2220 S. 65° 56' E. 671 ft. Value, \$2500.00

Deep shaft No. 2, 4 X 6 X 100 feet deep, well timbered brs. from Cor. No. 4, Joe Wheeler lode, Survey No. 2220, S. 10° 37' E. 131 ft. Value, \$2000.00

Total value of work in seven (7) tunnels and two (2) shafts, \$29430.00

The property of the Manhattan Development Company embraces thirty-eight claims as follows:

24 claims in survey No. 2220.  
 6 claims in survey No. 2228  
 1 claim in survey No. 2229  
 1 claim in survey No. 2230  
 2 claims in survey No. 2231  
 4 claims in survey No. 2232

No part of the \$29430.00 has been used for patenting claims, being expressly reserved to apply on the thirty-eight (38) claims in Survey No. 2220, 2228, 2229, 2230, 2231 and 2232.

Twenty-four thirty-eighths (24/38) of this \$29430.00 has been used for improvements on mineral Survey No. 2220, and a six thirty-eighth (6/38) interest on Mineral Survey No. 2228, expressly reserving a one-thirty-eighth (1/38) interest of the above amount for claim in this survey.

The seven (7) long tunnels in connection with the two (2) main shafts are so located that it is possible to explore and develop to the best advantage this entire group of thirty-eight (38) claims; from an economic standpoint, the locations are the most favorable the

group affords as they are most accesable from the source of supplies, both in the matter of grade and distance. The claims of Survey No. 2220, 2228, 2229, 2230, 2231, 2232 are a compact group and it is believed by the seven (7) tunnels and two (2) main shafts the mineral possibilities can be developed to the best advantage and each claim benefited equally by the work and therefore the seven (7) tunnels and the two (2) main shafts must be justly considered as tending to develop the entire group of claims owned by the Manhattan Development Company, and thus the claim of this survey.

No. 1:-	Dis. cut, 4 X 12 X 10 ft. brs. from N.W.E.C., S. 67° 51' E. 625 ft.	Value, \$100.00
No. 2:-	Tunnel, 4 X 6 X 40 ft. long, brg. S. 5° 0' W., the mouth of which brs. from Cor. No. 3, S. 74° 45' E. 995 ft.	Value, \$400.00
No. 3:-	Shaft, 4 X 6 X 20 ft. deep brs. from Cor. No. 3, S. 72° 59' E. 1034 ft.	Value, \$200.00
No. 4:-	Tunnel, 4 X 6 X 50 ft. long, brs. S. 10° 0' W., the mouth of which brs. from Cor. No. 3, S. 72° 16' E. 1051.0 ft.	Value \$500.00
	An undivded 1/38 interest in seven long tunnels and two (2) deep shafts	\$775.00
	Total value	\$1975.00

I. J. Stauber,

U. S. Deputy Mineral Surveyor.

Dated at Bisbee, Arizona,

August 15th, 1906.

Affidavit of Five Hundred Dollars Improvements.

We, J. P. Chiado, and Harry Locke

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Copper King mining claim, situate in California Mining district, Cochise County, Arizona Territory, for which the Mannattan Development 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 grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

J. P. Chiado

Harry Locke

TERRITORY OF ARIZONA, } ss:
County of Cochise

Sworn to and subscribed before me, this 21st

day of August, 1906



Frank Pettee,

Notary Public,

In and for the County of Cochise, Territory of Arizona.

My commission expires March 12, 1910.

(4-691.)

# Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

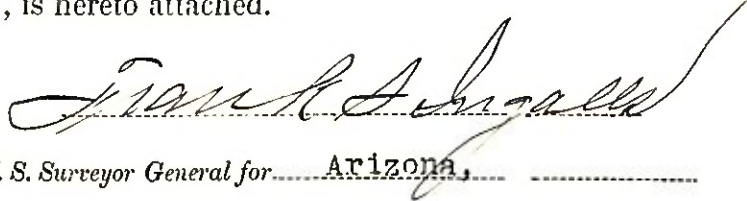
I, U. S. Surveyor General for District of Arizona,  
do hereby certify that Five Hundred Dollars' worth of labor has been expended or  
improvements made by claimant or its grantors, upon the mining claim of  
Manhattan Development Company

known as the Copper King,  
situate in California mining district,  
Cocaine County, Arizona

in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_;

that said improvements consist of 1 cut, 2 tunnels and 1 shaft, total  
value, \$1200.00, and an undivided 1/33 interest in seven long  
tunnels and two main shafts situated on survey No. 2320, value  
\$775.00

\_\_\_\_\_ , and that no portion of said labor or improvements has been  
included in the estimate of expenditures upon any other claim. A copy of the report of  
I. J. Stauber, U. S. Deputy Mineral Surveyor, dated  
August 15, 1906, 18 \_\_\_\_\_, is hereto attached.

  
U. S. Surveyor General for Arizona,

Office of U. S. Surveyor General,  
Phoenix, Arizona,

August 27, 1906, 1 \_\_\_\_\_

SURVEY NO. 2229  
COPPER KING LODE.

Feet

Beginning at Cor. No. 1, the N. E. Cor., identical with location and with Cor. No. 2, Copper Trust lode Survey No. 2220, and situated on line 3-4 Copper bluff lode, Survey No. 2220 at N.  $50^{\circ} 54'$  E., 300 ft., from Cor. No. 3, a pine post 4 ft. long, 4 in. sq., set 18 in. in the ground, in a mound of stones, and scribed 1-2229 C. K L, whence a pine post of same dimensions and scribed B P 1-2229 brs. N.  $67^{\circ} 51'$  W., 50 ft., and a second pine post of same dimensions and scribing brs. S.  $50^{\circ} 54'$  W., 50 ft., and U.S.M.M. No. 1823, California Mining District, brs. S.  $51^{\circ} 48'$  E. 6005.7 ft., no bearing monuments available.

Thence S.  $50^{\circ} 54'$  W.

300.0 to original location for S.E.E.C., identical with location and with Cors. No. 3 and 5, respectively, of Copper Bluff lode, Survey No. 2220 and Copper Top lode, Survey No. 2228.

666.6 same bearing, to Cor. No. 2, the S. E. Cor., identical with location and with Cors. No. 4 and 5, respectively of Copper Top and Aetna lodes, Survey No. 2228, a pine post 4 ft. long, 4 in. sq., set 18 in. in the ground, in a mound of stones and scribed 2-2229 C. K L, whence a pine post of same dimensions and scribed B P 2-2229 brs. N.  $50^{\circ} 54'$  E., 50 ft., and a second pine post of same dimensions and scribing brs. N.  $67^{\circ} 51'$  W., 50 ft., and Cor. No. 1, of Aetna lode, Survey No. 2228, brs. S.  $61^{\circ} 6'$  E., 817.0 ft., no bearing monuments available.

Thence N.  $67^{\circ} 51'$  W.

678.8 to Cor. No. 4, Aetna lode, Survey No. 2228,  
1487.4 same bearing, to Cor. No. 3, the S. W. Cor., identical with location and with the S. W. Cor. of Standard lode, unsurveyed, a pine post 4 ft. long, 4 in. sq., set 18 in. in the ground, in a mound of stones, and scribed 3-2229 C K L, whence a pine post of same dimensions and scribed



Feet

B P 3-2229 brs. S. 67° 51' E., 50 ft., and a second pine post of same dimensions and scribing brs. N. 50° 54' E. 50 ft. and a white oak tree 6 in. in diameter and scribed B T 3-2229 brs. S. 65° 20' E., 10.2 ft.

Thence N. 50° 54' E.

300.0 to original location for N.W.E.C.

600.0 same bearing, along south end line of Standard lode, unsurveyed, to Cor. No. 4, the N. W. Cor., identical with location, and with Cors. No. 2 and 3, respectively, of Wedge and Copper Trust lodes, *and S.E. Cor. Standard lode, unsurveyed.* Survey No. 2220, a pine post 4 ft. long, 4 in. sq., set 18 in. in the ground, in a mound of stones, and scribed 4-2229 C K L, whence a pine post of same dimensions and scribed B P 4-2229 brs. S. 50° 54' W., 50 ft. and a second pine post of same dimensions and scribing brs. S. 67° 51' E., 50 ft., no bearing monuments available.

Thence S. 67° 51' E.

1497.4 to Cor. No. 1, the place of beginning.

#### LEAD

The presumed course of the vein on this claim is from the S.E.E.C., N. 67° 51' W., 1497.4 ft.

#### AREA

Total and Net area of Copper King lode 18.083 A

#### IMPROVEMENTS

I hereby certify that the value of the labor and improvements on this claim placed thereon by the claimant or its grantors is as follows:

No. 1 Discovery cut, 4 x 12 x 10<sup>ft.</sup> brs. from N.W.E.C.  
S. 67° 51' E., 625 ft., Value, \$100.00

Note: Complete affidavit of \$500.00 worth of improvements for this claim will be furnished prior to the expiration of the period of publication of the notice of the application for patent.

#### ADJOINING CLAIMS

ADJOINING CLAIMS.

- North        Copper Trust lode, Survey No. 2220, owned by applicant herein.
- East        Copper Bluff lode, Survey No. 2220, Copper Top lode Survey No. 2228, owned by applicant herein.
- South       Aetna lode, Survey No. 2228, owned by applicant herein. Union lode, unsurveyed, owned by J. Cummings.
- West        Standard lode, unsurveyed, owned by applicant herein.

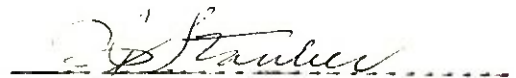
LOCATION

This claim is located about four and one-half miles in a Northwesterly direction from the town of Paradise on unsurveyed lands in the California Mining District, Cochise County, Territory of Arizona, approximately in Tp. 17 S., R. 30 E., G. & S., R. B. & M.

INSTUMENT

This survey was made with the C. L. Berger & Sons No. 1 C Transit; the courses were deflected from the true meridian as determined by a solar observation, checked by an observation on Polaris. The distances were measured with a 300 ft. steel tape.

Magnetic variation 12° 30' E. at all corners.



U. S. Deputy Mineral Surveyor.

Dated at Bisbee, Arizona, May 23rd, 1906.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by I. S. Stauber

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

~~The~~ Manhattan Development Company

known as the Copper King

and showing the respective capacities in which they acted.

J. P. Chiado, Chairman.  
Harry Locke, Chairman.  
\_\_\_\_\_, Axman.  
\_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, J. P. Chiado

and Harry Locke, do solemnly swear that we assisted

I. J. Stauber, United States Deputy Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

~~The~~ Manhattan Development Company

known as the Copper King

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 Arizona.

J. P. Chiado, Chairman.  
Harry Locke, Chairman.  
\_\_\_\_\_, Axman.  
\_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 7<sup>th</sup>

day of May, 1906.

Frank Pettee  
NOTARY PUBLIC  
In and for the County of Cochise, Territory of Arizona.  
My Commission Expires March 12, 1910.

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, I. J. Stauber, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 9 1906, 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 Manhattan Development Company, known as the Copper King, situate in California Mining District, Cochise County, Arizona, in Section approx, Township No. 17 S, Range No. 30 E G & S R B & M unsur. and designated as Survey No. 2229, 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.

I. J. Stauber
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said I. J. Stauber, U. S. Deputy Mineral Surveyor, before me Frank Plette this 7th day of May 1906.

Frank Plette
NOTARY PUBLIC
In and for the County of Cochise, Territory of Arizona.
My Commission Expires March 12, 1910.

# P.L. Smith, C. H. Holz and George W. Vandewalker, the undersigned being the present owners of the Copper King mining claim, which was located by P.L. Smith, Ulrich Rieder and James Demorest, on the 12th day of January 1900, and of which the origin & location notice is recorded in the recorder's office of Cochise County, Arizona, in Book 17, Record of Mines, at page 440, do hereby, without waiver of any rights under said original location, amend said original location and said original notice so that the

# Amended Notice of Mining Location

~~LODE CLAIM~~

To All Whom It May Concern:

This Mining Claim, the name of which is the Copper King 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 P.L. Smith, C. H. Holz and George W. Vandewalker

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")  
the undersigned, on the 5 day of May A. D. 1905.

The length of this claim is fifteen hundred feet, and we claim eight hundred and fifty feet, in a southeasterly direction and six hundred and fifty feet in a north westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the southeast to the north west

The claim is situated and located in the California Mining District, in Cochise County, in the Territory of Arizona, about two and one half miles in a north westerly direction from the Town of Paradise and is bounded on the north west end line by the Standard and on the north east side line by the Copper Trust mining claims.

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

at a point in a northwesterly direction six hundred and fifty feet from the discovery shaft (at which this notice is posted), being in the center of the north west end line of said claim; thence three hundred feet to a post, being the westerly corner of said claim; thence fifteen hundred feet to a post, being at the southerly corner of said claim; thence three hundred feet to a post at the center of the southeasterly end of said claim; thence three hundred feet to a post, being at the easterly corner of said claim; thence fifteen hundred feet to a post at the northerly corner of said claim; thence three hundred 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 5 day of May A. D. 1905.

P. L. Smith - C. H. Holz  
Geo. W. Vandewalker

Filed and recorded at request of Geo. W. Vandewalker May 17, 1905 at 9 A.M. Book 34 Record of Mines page 107.

Some shall read as follows:—

Territory of Arizona )  
 ) ss  
County of Cochise )

13

I, Frank Ware, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the Amended Location Notice of the Copper King Mining Claim, filed and recorded in my office on the 17 day of May 1905 in Book 34, Record of Mines, at page 107, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office, this 15th day of February, A. D. 1906.

*Frank Ware*

County Recorder.

TERRITORY OF ARIZONA, }  
 County of..... } ss

I,....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock,.....M., on this.....day of.....190..., and duly recorded in Book No..... of.....Records of.....County, Arizona, at pages.....

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

.....  
 County Recorder.

**Notice of Location**

**LODE CLAIM**

Dated.....190.....

Filed and Recorded at request of.....

.....  
 A. D. 190.....

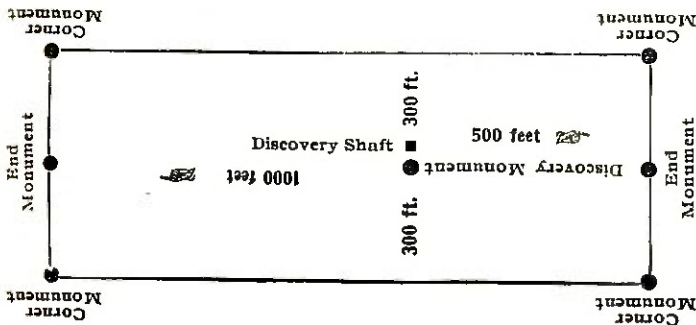
at.....M.

Book.....

Pages.....

.....  
 County Recorder.

By.....  
 Deputy Recorder.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

June 27, 1906.

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 Manhattan Development Company

known as the Copper King situate in California

Mining District, Coconino County, Arizona

in Section APPROX., Township No. 17 S., Range No. 30 E., and

designated as Survey No. 2222, 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.

less than

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 1 cut valued at \$100.00, at time of survey

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,

June 27, 1906.

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 Manhattan Development Company

known as the Copper King

situate in California Mining District, Cochise County, Arizona

in Section APPROX, Township No. 17 S., Range No. 30 E., designated as Survey No. 2229

executed by L. J. Stauber, U. S. Deputy Mineral Surveyor, May 15, 1906,

March 9, 1906, have been critically examined and the necessary corrections 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 J. Ingalls
U. S. Surveyor-General for Arizona.

