

4-683

Platted

OCT 1 - 1917

MINERAL SURVEY No. 3370

LOT No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Detroit Copper Mining Company of Arizona

KNOWN AS THE

DIAMOND Lode

Copper Mountain Mining District,

Greenlee County, Arizona

Section 21 Uns., Township 4 South, Range 29 E., G. & S. R. B. & M.

Surveyed under instructions dated February 16, 1917.

by E. T. Morton

U. S. Mineral Surveyor.

Claim located see location notice, 19

Survey commenced September 7, 1917.

Survey completed September 10, 1917

Address of claimant: Ellinwood & Ross, Attys.,
Box 879, Globe, Arizona.

DATES OF AMENDED LOCATIONS.

SURVEY NO. 3370.

Diamond lode.

Beginning at Cor.No.1.

On line 11-12 and 13-14 Sur.No.1030A Lone Star and Butler lodes at S.62°40'W.454.9 ft.and S.84°45'E.79.5 ft. from Cors.Nos.12 and 14 respectively.

A redwood post,in place,4x6 ins.3.5 ft.high with a mound of stone scribed D 1-3370,whence

U.S.L.M.No.1654 bears N.17°48'E.4269.2 ft.

Thence S.47°19'W.

161.7 To Cor.No.2.

A redwood post,in place,4x6 ins.3.5 ft.high,with a mound of stone scribed D 2-3370.

No bearings available.

Thence N.84°45'W.

39.75 Southwest end center of the location and lode.

79.5 To Cor.No.3.

Identical with Cor.No.19 Sur.No.1172 Nevada lode,also on line 11-12 Sur.No.1030A Lone Star lode at S.62°40'W. 677.8 ft.from Cor.No.12.

A redwood post,in place,4x6 ins.,3.5 ft.high with a mound of stone scribed D 3-3370.

Thence N.47°19'E.

161.7 To Cor.No.4.

Identical with Cors.Nos.14 and 18 Sur.No.1030A.Butler lode and Sur.No.1172 Nevada lode respectively.

A redwood post,in place,4x6 ins.,3.5 ft.high with a mound of stone scribed D 4-3370.

No bearings available.

Thence S.84°45'E.

39.75 Northeast end center of the location and lode.

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

Variation at all corners 14°00'E.

LODE LINE.

As near as can be determined from the present developments the vein of ~~the location embraced in this claim~~ extends as follows from the discovery point:
 Diamond lode, 71.2ft. N. 47° 19' E. and 90.5ft. S. 47° 19' W.

AREA.	Acre.
Total area Diamond lode - - - - -	0.219
Area in conflict with-	
Sur.No.1030A Lone Star lode - - - -	0.110

ADJOINING LODES.

The adjoining lodes are, ^{on the West} Sur.No.1172 Nevada lode, ^{on the North,} Sur.No.1030A Butler, ^{lode,} and ^{on the East & South, Sur.No.1030A,} Lone Star lode, claimant herein.

LOCATION.

This survey is located in the Copper Mountain Mining District, Greenlee County, Arizona, approximately in Sec. 21 Uns., T.4 S., R.29 E., G.& S.R.B.& M.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon or for the benefit of the location embraced in this mining claim by the claimant or its grantors is not less than five hundred dollars and that said improvements consist of:

No.1. The discovery shaft of the Diamond lode, the N.E. side of which is on the lode line 71.2 ft. from line 4-1, 6x6 ft., 20 ft. deep.

Value - - - - - \$200.00

Note: An undivided 1/12 interest in the Lone Star tunnel is accredited to this lode.

Value 1/12 interest - - - \$2758.33

This claim is a part of the Lone Star group, claimant herein. Twelve of the lodes viz.; Sur.No.1030A Lone Star, Butler, London, Hoodoo and Kupfer lodes, Sur.No.1172 Nevada, lode, Diamond lode of this survey, Wyoming and West End lodes unsurveyed, Sur.No.3362 Seneca and Summit lodes and Porto Rico lode unsurveyed can be developed advantageously

by the Lone Star tunnel, the adit of which is on the Lone Star lode Sur.No.1030A as may be seen upon inspection of the accompanying map marked "Contour Map Survey No.3370" (The contours were taken from the U.S.G.S. topographic sheet). The adit of said tunnel bears from Cor. No.1 Diamond lode of this survey S.74°37'E.^{495.4}~~494.5~~ ft., 5.5 x 7 ft., running N.17°45'W.630 ft., thence N.31°W. 1025 ft., value \$33,100.00.

INSTRUMENT.

This survey was made with a Buff and Berger light mountain transit. The courses were deflected from the true meridian as determined by polaris observations. The distances were measured with 5,50 and 500 ft. steel tapes.

REPORT.

U.S.L.M.No.1654 is a post 7 ins. square properly set and scribed.

Sur.No.1172 Nevada lode:

All corners are posts properly set and scribed.

Sur.No.1030A Butler and Lone Star lodes:

All corners are posts properly set and scribed.

The survey of the lode embraced in this location is identical with the location as staked upon the ground.

The differences between these field notes and the returns on previous surveys are due to errors in the latter.

The differences between these field notes and the location certificate are due to errors in the latter.

All end center monuments are mounds of stone.


U.S. Mineral Surveyor.

1917

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by E.T. Morton

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 Detroit Copper Mining Company of Arizona

known as the Diamond lode

and showing the respective capacities in which they acted.

W.R. Hutchins, Chainman.

J.L. Awalt, Chainman.

Arman.

Flagman.

FINAL OATHS OF ASSISTANTS.

We, W.R. Hutchins

and J.L. Awalt

, do solemnly swear that we assisted

E.T. Morton

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

the boundaries of the mining claim of The Detroit Copper Mining Company of

Arizona

known as the Diamond lode

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

W.R. Hutchins, Chainman.

J.L. Awalt, Chainman.

Arman.

Flagman.

Subscribed and sworn to by the above-named persons before me this 10th,

day of September, 1917.

Louis T. Parnum Notary Public
My commission expires Feb. 20 - 1919.

1011-1917

(4-686.)

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

I, E.T. Morton, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated February 16, 1917, 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 Detroit Copper Mining Company of Arizona, known as the Diamond lode, situate in Copper Mountain Mining District, Greenlee County, Arizona, in Section 21 Uns., Township No. 4 S., Range No. 29 E., G. & S. R. B. & M., and designated as Survey No. 3370, 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.

E. T. Morton
 U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said E. T. Morton,
 U. S. ~~Deputy~~ Mineral Surveyor, before me a Notary Public
 this 10th,
 day of September, 1917

Louis T. Payne
 Notary Public

My commission expires
Feb. 20-1919.



FEB 10 1911

Notice of Mining Location.

LODE CLAIM.

To All Whom It May Concern:

This Mining Claim, the name of which is the "Diamond" 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 purpose of exploration and purchase by The Detroit Copper Mining Company of Arizona by C. E. Mills its Authorized Agent

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 28th day of January 1900. 1904

The length of this claim is 161.7 feet, and its claim is 70 feet,

in a N. 47° 19' E direction, and 91.7 feet in a S 47° 19' W direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 40 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 North East to the South West

The claim is situated and located in the Copper Mountain Mining District, in Graham County, in the Territory of Arizona, about

in a direction from The North West Corner of this claim is the same as the South West Corner of the "Butler" U.S. Mineral Survey No. 10390A and corner No. 74 of said survey.

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

at a point in a North East direction 70 feet from the discovery shaft (at which this notice is posted), being in the center of the Northernly end line of said claim; thence S. 84° 45' E 40 feet to a post and mound of stones, being the North East corner of said claim; thence S. 47° 19' W 161.7 feet to a post and mound at the center of the side line of said claim; thence feet to being at the South East corner of said claim; thence N. 84° 45' W 40 feet to a Mound of Stones at the center of the Southernly end of said claim; thence N. 84° 45' W 40 feet to a post and Mound of Stones, being at the South West corner of said claim; thence N. 47° 19' E 161.7 feet to a Post and Mound of Stone being at the center of the side line of said claim; thence feet to at the North West corner of said claim; thence S 84° 45' E 40 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 Concerning Mines," approved March 20th, 1895, and amended March 2d, 1899.

Dated and posted on the ground this 28th day of January 1904. 1900.

The Detroit Copper Mining Corp
per C. E. Mills Agent

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

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.....1, 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.

278 6885

"Diamond"

Notice of Location.

LODE CLAIM.

The Detroit Copper Mining Company of Arizona Copper Mountain

Dated Jan 28 1904

Filed and recorded at request of

W. E. Miller

Jan. 30th A. D. 1904

at 5 o'clock P.M.

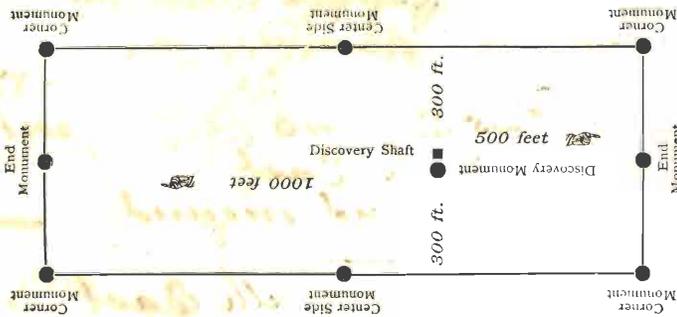
Book 17 Records of Mills

Pages 217

W. E. Miller
County Recorder.

By..... Deputy Recorder.

THE H. H. MCNEIL CO., PRINTERS PHOENIX, ARIZONA.



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

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

March 2, 1918

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 DETROIT COPPER MINING COMPANY OF ARIZONA

known as the DIAMOND LODE

situate in COPPER MOUNTAIN

Mining District, GREENLEE County, ARIZONA.

in Section 21 uns., Township No. 4 S., Range No. 29 E., and

designated as Survey No. 3370, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 1 shaft, value \$200, and a one-twelfth interest, value \$2758.33, in the Lone Star tunnel, total value \$2958.33.

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.

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 2, 1918.

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 DETROIT COPPER MINING COMPANY OF ARIZONA

, known as the

DIAMOND LODE

situate in COPPER MOUNTAIN mining district,

GREENLEE County, ARIZONA.

in Section 21 uns., Township No. 4 S., Range No. 29 E.

, designated as Survey No. 3370

executed by E. T. Morton, United States Mineral

Surveyor, September 7-10, 1917, under my instructions dated

February 16, 1917, 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]

U. S. Surveyor-General for Arizona.