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SEP. 17. 1907
SEP. 28. 1907

4-683.

Mineral Survey No. 2442

Lot No.

Arizona

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Old Dominion Copper Mining & Smelting Company

KNOWN AS THE

DARIUS

Globe

Mining District,

Gila

County,

Arizona

Sections 13, 23 & 24, Township 1 N., Range 15 E.

Surveyed under instructions dated June 18, 1907,

by *Edwards V. Steward*

U. S. Deputy Mineral Surveyor

Claim located June 8, 1907.

Survey commenced August 6, 1907.

Survey completed August 8, 1907.

6-160

Address of claimant's Attorney:-

Wm. Herring

Tucson, Arizona.

*Tail ✓
Ledge ✓
sic ✓
area ✓*

Feet.

Mineral Survey No. 2442.

Darius Lode.

Beginning at Cor. No. 1, identical with the N. E. Cor. of the location.

A pine post, 4 feet long, 4 ins. sq., set 18 ins. in the ground, with mound of stone, scribed 1-2442, whence

The Cor. of Sections 13, 14, 23 and 24, T. 1 N., R. 15 E., G. & S. R. B. & M. bears S. 69°-14' W. 607.6 ft.

Cor. No. 5, Sur. 2323, Osceola lode bears S. 85°-36' W. 343.73 feet.

Cor. No. 4, Sur. 1656, Wild & Wooly lode bears S. 15°-42' W. 125.82 feet.

No other bearings available.

Thence S. 33°-36' E.

65.20 Intersect line 4-5 Sur. 2323, Osceola lode, and line 4-1 Sur. 1656, Wild & Wooly lode at N. 46°-22' E. 326.30 feet from Cor. 5, Sur. 2323, Osceola lode and N. 46°-22' E. 96.85 feet from Cor. No. 4, Sur. 1656, Wild & Wooly lode.

259.24 Intersect Sec. line between Sections 13 and 24 at S. 89°-58' E. 711.54 feet from the Cor. of Sections 13, 14, 23 and 24 and N. 89°-58' W. 1856.16 feet from the Quarter Cor. between Sections 13 and 24.

300.8 To the N. E. End Center, identical with the monument of the location.

601.6 To Cor. No. 2, identical with the S. E. Cor. of the location.

At the intersection of line 1-4, Sur. 1656, Yellow Jacket lode with line 3-4, Sur. 1656, Wild & Wooly lode.

A pine post, 4 feet long, 4 ins. sq., set 18 ins. in the ground, with mound of stone, scribed 2-2442, whence

Cor. No. 4, Sur. 1656, Wild & Wooly lode bears N. 44°-00' W. 528.20 feet.

Feet.

Cor. No. 1, Sur. 1656, Yellow Jacket lode bears N. $51^{\circ}-36'$ E. 214.7 feet.

Cor. No. 3, Sur. 1656, Wild & Wooly lode bears S. $44^{\circ}-00'$ E. 64.43 feet.

A cross on limestone in place, below which I chisled B. R. 2442, bears N. $69^{\circ}-41'$ E. 21.3 feet.

No other bearings available.

Thence S. $51^{\circ}-36'$ W.

Along line 1-4, Sur. 1656, Yellow Jacket lode.

1159.0 Intersect line Between Sections 23 and 24 at S. $00^{\circ}-25'$ W. 1005.53 feet from the Cor. of Sections 13, 14, 23 and 24 and N. $00^{\circ}-25'$ E. 1613.27 feet from the Quarter Cor. between Sections 23 and 24.

1219.4 To Cor. No. 4, Sur. 1656, Yellow Jacket lode. Also intersect line 3-4, Sur. 2314, Copper Queen lode at S. $42^{\circ}-02'$ E. 123.5 feet from Cor. No. 3.

1292.1 To Cor. No. 3, identical with the S. W. Cor. of the location.

A pine post, 4 feet long, 4 ins. sq., set 18 ins. in the ground, with mound of stone, scribed 3-2442, whence

Cor. No. 3, Sur. 2314, Copper Queen lode bears N. $10^{\circ}-39'$ W. 139.26 feet.

A limestone boulder 2 X 3 X 1.5 feet above the ground, chisled () B. R. 2442 bears N. $51^{\circ}-26'$ E. 21.4 feet

No. other bearings available.

Thence N. $33^{\circ}-36'$ W.

8.80 To Cor. No. 2, Sur. 2343, Copper King lode, whence Cor. No. 4, Sur. 1656, Yellow Jacket lode bears N. $58^{\circ}-33'$ E. 72.5 feet.

103.58 Intersect line 2-3 Sur. 2314, Copper Queen lode at S. $32^{\circ}-00'$ W. 59.67 feet from Cor. No. 3.

296.20 To S. W. End Center, identical with monument of the location.

Feet.

574.80 To. Cor. No. 4, identical with the N. W. Cor. of the location and with Cor. No. 1, Sur. 2343, Copper King lode.

On line 1-2, Sur. 2311, Cottonwood lode at N. 50°-25' E. 492.4 feet from Cor. No. 2.

A dacite boulder showing 3 X 3.5 X 11 feet above the surface of the ground, chisled () 4-2442 and 1-2343.

A dacite boulder 5 X 6 X 10 feet above the surface of the ground, chisled () B. R. 2442 bears N. 64°-04' W. 29.7 feet.

No other bearings available.

Thence N. 50°-25' E.

Along line 2-1, Sur. 2311, Cottonwood lode.

555.22 Intersect line between Sections 23 and 24 at S. 00°-25' W. 255.6 feet from Cor. of Sections 13, 14, 23 and 24 and N. 00°-25' E. 2363.20 feet from the Quarter Cor. between Sections 23 and 24.

943.35 To Cor. No 1, Sur. 2323, Osceola lode, identical with Cor. No. 1, Sur. 2311, Cottonwood lode, and Cor. No. 1, Sur. 2311, I. X. L. lode, whence Cor. No. 5, Sur. 2343, Osceola lode bears S. 51°-50' E. 89.92 feet.

956.20 Intersect line between Sections 13 and 24 at S. 89°-58' E. 307.20 feet from the Cor of Sections 13, 14, 23 and 24 and N. 89°-58' W. 2260.5 feet from the Quarter Cor. between Sections 13 and 24.

1294.7 To Cor. No. 1, the place of beginning.

Mean Magnetic Var. at all corners 13°-35' E.

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Lode Line.

As near as can be determined from present development the vein of this claim extends N. 51°-24' E. 460.0 feet and S. 51°-24' W. 832.5 feet from the point of discovery.

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Area.

Total area of Darius lode		17.387 Acres. ✓
Less conflict with Sur. 1656, Wild & Woolly lode,.....	0.587 ✓	
Less conflict with Sur. 2323, Osceola lode.....	0.595 ✓	
Less conflict with Sur. 2314, Copper Queen lode, 0.167 acre, exclusive of 0.160 acre ex- cluded from said Copper Queen in favor of Darius lode.....	0.007 ✓	<u>1.189</u> ✓
Net area Darius lode.....		16.198 ✓ Acres.

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Adjoining and conflicting Claims.

On the north, the Cottonwood and L. X. L. lodes, Sur. 2311, the Globe Consolidated Copper Co., claimants and the Osceola, Sur. 2323, the Globe Consolidated Copper Co., claimants; on the east, the Osceola, Sur. 2323, the Globe Consolidated Copper Co., claimants, and Wild & ^{wooly} ~~Woolly~~, Sur. 1656, C. E. Taylor and Hugh Conahan claimants; on the south, Yellow Jacket, Sur. 1656, Chas. E. Taylor and James Anderson, claimants, and Copper Queen, Sur. 2314, Mrs. Lyman C. Woods, claimant, and on the west, the Copper Queen, Sur. 2314, Mrs. Lyman C. woods, claimant, and Copper King, Sur. 2343, Lyman C. Woods, William J. O'Brine and Morris Klein, claimants.

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Location.

This claim is located in the N. W. $\frac{1}{4}$ of the N. W. $\frac{1}{4}$ of Section 24 and the N. E. $\frac{1}{4}$ of the N. E. $\frac{1}{4}$ of Section 23 and the S. W. $\frac{1}{4}$ of the S. W. $\frac{1}{4}$ of Section 13, T. 1 N., R. 15 E., G. & S. R. B. & M.

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Expenditure of Five Hundred Dollars.

I certify ~~that~~ the value of the labor and improvements upon this claim placed thereon by the claimant and ~~its~~ grantors, is not less than five hundred dollars, and that said improvements consist of:

No. 1, discovery shaft, 5 X 7 X 105 feet deep, ...

all timbered, the center of the S. E. side of which bears N. 46°-50' W. 10.3 feet from a point on the lode line S. 51°-24' W. 460.0 feet from the N. E. End Center. From the 50 foot level a crosscut extends S. 46°-50' E. 10.3 feet to intersection with the lode line (point of discovery;) thence same course 38 feet to breast.

Value of shaft and crosscut \$2800.00

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Instrument

This survey was made with a 6 $\frac{1}{4}$ inch Berger Engineer's transit. The courses were deflected from the true meridian as determined by direct Solar and Polaris observations. The distances were measured with a 500 foot steel tape.

Note

The disagreement between the notes of this Survey and line 4-1, Sur. 1656, Wild & Woolly lode, line 4-1, Sur. 1656, Yellow Jacket lode, line 1-2, Sur. 2343, Copper King lode, line 1-2, Sur. 2311, Cottonwood lode and line 5-1, Sur. 2323, Osceola lode is due to errors in the latter.

Edwin V. Stewart.

U. S. D. M. S.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Edwin T. Stewart

United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and

boundaries described in the foregoing field notes of the survey of the mining claim of Old

Dominion Copper Mining & Smelting Co.

known as the Darius

and showing the respective capacities in which they acted.

R. A. Smith, Chairman.

Hugo Wangelin, Chairman.

_____, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, R. A. Smith

and Hugo Wangelin, do solemnly swear that we assisted Edwin

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

the boundaries of the mining claim of Old Dominion Copper Mining & Smelting

Co.

known as the Darius

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

R. A. Smith, Chairman.

Hugo Wangelin, Chairman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 16

day of September, 1907.

E. V. Stewart

Notary Public

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Edwin T. Stewart, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 18, 1907, 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 Old Dominion Copper Mining & Smelting Company, known as the Darius, situate in Globe Mining District, Gila County, Arizona, in Section 13, 23 and 24 Township No. 1 N., Range No. 15 E., and designated as Survey No. 2442, 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 their grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Edwin T. Stewart
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart
U. S. Deputy Mineral Surveyor, before me a Notary Public
this 16th
day of September, 1907.

Geo R Hill
Notary Public

My Commission Expires Jan 21 1910

SEP. 23 1907

Affidavit of Five Hundred Dollars Improvements.

We, R. A. Smith, and Hugo Wangelin

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Darius mining claim, situate in Globe Mining district, Gila County, Arizona Territory, for which Old Dominion Copper Mining & Smelting Co.

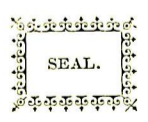
has made application for survey prior to application for patent under the provisions of the act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and their grantors exceed Five Hundred Dollars in value, and further that we are not personally interested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

R. A. Smith

Hugo Wangelin

TERRITORY OF ARIZONA, }
County of Gila } ss:

Sworn to and subscribed before me, this 16th day of September, 1907.



E. T. Stewart
Notary Public

A M E N D E D L O C A T I O N N O T I C E.

DARIUS MINING CLAIM.

NOTICE IS HEREBY GIVEN that the undersigned, OLD DOMINION COPPER MINING AND SMELTING COMPANY, a corporation, the assignee of B. G. Fox and Ben C. Fox, who, on the first day of January, 1888, located the Darius Mining Claim, situate in the Globe Mining District, Gila County, Territory of Arizona, the location notice of which claim is of record in the office of the Recorder of said County in Book 3, Records of Mines, page 198, has, on this eighth day of June, 1907, made an amended location of said mining claim, by virtue of which and of said original location, it claims as a mining claim the following described lead, lode or vein of mineral-bearing earth, rock or quartz and premises, situate in the Globe Mining District, in the County of Gila, in the Territory of Arizona, to-wit:

The name of said claim is Darius. The name of the locator is Old Dominion Copper Mining and Smelting Company.

The length of the claim along said vein or lode is twelve hundred and twenty and nine-tenths (1220.9) feet; the width of said claim is 300 feet on each side of the middle of said lead, lode or vein.

The general course of said lode and claim is Northeast and Southwest.

The distance from the point of discovery of said claim to the northeasterly end center monument of said claim is 467 feet. The distance from said point of discovery to the southwesterly end center monument is seven hundred fifty-three and nine-tenths (753.9) feet.

This amended location notice is posted in the monument of stones erected at said point of discovery upon said claim, which monument is hereinafter referred to as the location monument.

Said claim is bounded and described as follows, to-wit: Beginning at the monument of stones placed at the center of the northeasterly end of the claim, which monument is N. 51° 35' E. 467 feet from said location monument; thence N. 33° 36' W. 300 feet to a monument of stones, being the northeast corner of the claim; thence S. 51° 35' W. 1220.9 feet to a monument of stones, being the northwest corner of the claim; thence S. 33° 36' E. 300 feet to a monument of stones, being the center of the southwesterly end of the claim; thence again S. 33° 36' E. 300 feet to a monument of stones, being the southwest corner of the claim; thence N. 51° 35' E. 1220.9 feet to a monument of stones, being the southeast corner of the claim; thence N. 33° 36' W. 300 feet to the monument of stones, the place of beginning.

In order to identify said claim, it is more particularly described as follows, to-wit: Said claim is partially bounded on the south by the Yellow Jacket mine, survey No. 1656; said Darius claim is partially bounded on the west by the Copper King mine, survey No. 2343, the northeasterly end line of said

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 18, 1907

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
Old Dominion Copper Mining & Smelting Company
known as the DARIUS
situate in Globe
Mining District, Gila County, Arizona
in Sections 13, 23 & 24, Township No. 1 N., Range No. 15 E., and
designated as Survey No. 2442, 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 improve-
ments made upon said mining claim by claimant or its grantors, and that said improvements
consist of
1 shaft and 1 cross-cut, value \$2800.

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.

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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 18, 1907.

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 Old Dominion Copper Mining & Smelting Company, known as the DARIUS, situate in Globe mining district, Gila County, Arizona, in Section^s 13, 23 & 24, Township No. 1 N., Range No. 15 E., designated as Survey No. 2442, executed by Edwin T. Stewart, U. S. Deputy Mineral Surveyor, August 6 - 8, 1907, under my instructions dated June 18, 1907, 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.



U. S. Surveyor General for Arizona

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