

May 26, 1926

4-683

MINERAL SURVEY No. 4003

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

E. BLOCK

KNOWN AS THE

COPPER DYKE and COPPER DYKE EXTENTION lodes

BIG BUG Mining District,

YAVAPAI County, ARIZONA

Section 22 and 27, Township 12 1/2 N., Range 1 W. unsur.

Surveyed under instructions dated March 2, 1926 19

by J. WILLIAM WAARA U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced May 10, 19 26

Survey completed May 22, 19 26

Address of claimant E. BLOCK Prescott, Arizona.

DATES OF AMENDED LOCATIONS.

Feet

MINERAL SURVEY NO. 4003

COPPER DYKE lode.

Beginning at Cor. No.1, a granite stone 6x10x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled C D 1 4003 with cross on top for exact corner point, whence,

The southeast corner of Sec. 32 T.13 N.R.1 W of the Gila and Salt River Base and Meridian brs. N.62°-42'W. 6649.7 feet.

A granite rock in place 2x2x1 foot exposed and chiseled BxR C D 1 4003 brs. N.10°-46'W. 29.6 ft.

Thence N.78°-04'E.

300.1 NORTH CENTER END, a mound of stone.

600.2 TO COR. NO.2, a granite stone 6x10x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled C D 2 4003 with cross on top for exact corner point.

No bearings available.

Thence S. 13 °-37'E.

1499.4 TO COR. NO.3 identical with Cor. No.2 Copper Dyke Extension lode of this survey, a granite boulder 14x18x10 inches exposed with a substantial mound of stone alongside, chiseled C D 3, C D E 2 4003 with cross on top for exact corner point.

No bearings available.

Thence S.78°-04'W.

300.1 SOUTH CENTER END, identical with North Center end Copper Dyke Extension lode of this survey, a mound of stone.

600.2 TO COR. NO.4, identical with Cor. No.1 Copper Dyke Extension lode of this survey, a granite stone 6x10x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled C D 4. C D E 1 4003 with cross on top for exact corner point, whence,

A granite boulder 3x3x3 feet exposed and chiseled

BxR C D 4 4003 , brs. N.78°-04'E. 4.2 ft.

Thence N.13 °-37'W.

1499.4 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 14°-45'E.

COPPER DYKE EXTENTION lode

Beginning at Cor. No.1, identical with Cor. No.4 Copper Dyke lode of this survey, previously described, whence,

The southeast corner of Sec. 32 T.13 N.R.1 W. brs. N.54°-16'W. 7715.3 ft.

Thence N.78°-04'E.

300.1 NORTH CENTER END, identical with South Center end, Copper Dyke lode of this survey, previously described.

600.2 TO COR. NO.2 identical with Cor. No.3 Copper Dyke lode of this survey previously described.

Thence S. 2°-16'E.

1500.0 TO COR. NO. 3, a granite stone 6x8x24 inches long set twelve inches in the ground with a substantial mound of stone alongside, chiseled C D E 3 4003 with cross on top for exact corner point.

No bearings available.

Thence S.78°-04'W/

300.1 SOUTH CENTER END, A mound of stone.

420 Cross gulch, flows southerly.

598.1 Witness Corner to Cor. No.4, hereafter described.

600.2 TO POINT FOR CORNER NO.4, where it was impracticable to set a stone for corner, or markings for a corner, due to point falling on rough surfaced cliff, so I established a witness corner N.78°-04'E. 2.1 ft. a point on the same cliff 30x20x15 feet exposed, on the north edge thereof, with a substantial mound of stone alongside; chiseled W C C D E 4 4003 with cross for exact cornerpoint, whence, from witness corner,

A point on the southerly center of said cliff, chiseled BxR C D E 4 4003, brs. S.38°-22'E. 33.8 ft.

A point on the southerly center of said cliff, chiseled BxR C D E 4 4003 brs. S. 47°-37'E. 37.3 ft.

Thence N.2°-16'W.(from true corner pt.)

180.0 Cross gulch, flows southeasterly.

1500.0 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 14°-45'E.

LODE LINES

AS near as can be determined from the present developments, the veins on the respective lodes extend as follows from their discoveries;

Copper Dyke lode

S.13°-37'E. 220 feet and N.13°-37'W. 1279.4 ft.

Copper Dyke Extention lode

S.2°-16'E. 1300 ft. and N.2°-16'W. 200 ft.

AREAS

COPPER DYKE LODE

Total area - - - - - Acres 20.651

COPPER DYKE EXTENTION lode

Total area - - - - - 20.375

LOCATION

This survey is located in Secs. 22 and 27, T.12½ N. R.1 W/ of the Gila and Salt River Base and Meridian, within the Prescott National Forest, Big Bug Mining District, Yavapai County, State of Arizona.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I hereby certify that the value of the labor and improvements made upon or for the benefit of the lodes of this survey, by the claimant or his grantors is not less than five hundred dollars, and that said improvements consist of:

Copper Dyke lode

No.1 Discovery cut, the face of which brs. N.13°-37'W. 220 ft from the South Center end, 4x10x10 foot face. brs west. from mouth.

Value \$80.00

No.2 a tunnel the mouth of which brs. N.63°-30'W. 365 feet from Cor. No.3, running thence N.7°-30'W. at 18.0 cross cut to east 13.0 ft. 84.0 ft. to sta.1; thence N.2°W. at 15.0 ft cross cut to east 20.0 ft., 37.0 ft to sta. 2, Thence West at 8.0 ft. drift to north 10.0 ft to 15.0/face, ~~also drift to south 5.0 ft~~ From Sta. 1, N.70°W. 16.0 ft to sta. 3; thence N.28°-30'W. 60.5 ft. to sta. 4; thence N.43°W. 11.5 ft to sta. 5; thence N.30°W. 41.0 to face, also from sta. 5 S.72°W. 19.0 ft. to sta.6 Thence N.9°W. 21.5 ft to face, also N.78°W. 9.0 ft to sta. 7; thence N.37°W. at 15.0 drift to northeast 6.0 ft. 22.0 face of tunnel, 4x6 ft having a total length of 385.5 ft.

Value \$3850.00

No.3, Cut and tunnel, the mouth of cut brs. N. 23°E. 400 ft from Cor. No.4, 4x18x8 foot face, tunnel 4x6x32 ft. long. brs. N.72°W.

Value cut \$100.00
tunnel 320.00

Copper Dyke Extension lode

No.1 Discovery cut, 4x16x10 foot face, the face of which brs. S.2°-16'E. 200 ft. from North Center end, brs. west from mouth.

Value \$100.00

No.2 cut and tunnel, the mouth of cut brs. N. 20°E. 570 ft. from Cor. No.4, 4x15x10 foot face, tunnel 4x6x brs. N.56°E. 66 ft. to sta.1, thence N.14°W. 57 ft to face, also S.14°E. 10 ft to face. having a total length of tunnel 133 ft.

Value \$1330.00

OTHER IMPROVEMENTS

A shaft, 4x6x 30 feet deep, estimated, caved. the center of which brs. N.2°-16'W. 520 feet from the South

Center end, Copper Dyke Extension lode.

ADJOINING CLAIMS

This survey is bounded on all sides by U.S. Land.

INSTRUMENT

This survey was made with a Lietz Light Mountain transit No. 5905. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 500 foot steel tape.

Report.

The southeast corner Sec. 32 T.13 N.R.1 W is a stone set and chiseled as described in the field notes of said survey. I was unable to find and identify any corners of the public survey closer than the one to which a tie was made, after diligent search for said corners.

The discrepancies found existing between the claim as marked by the location monuments and as described in the location notices are due to errors in the location notices.

William W. Wason
U.S. MINERAL SURVEYOR

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by J. WILLIAM WAARA

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 _____

E. BLOCK

known as the COPPER DYKE and COPPER DYKE EXTENTION lodes

and showing the respective capacities in which they acted.

Temp Gamel _____, *Chainman.*

Frank Croy _____, *Chainman.*

_____, *Asman.*

_____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, Temp Gamel and Frank Croy

and _____, do solemnly swear that we assisted J. William

Waara, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of E. Block

known as the Copper Dyke and Copper Dyke Extention lodes

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-

Office Cadastral Engineer, at Phoenix,
tions furnished by the United States Surveyor-General for Arizona.

Temp Gamel _____, *Chainman.*

Frank Croy _____, *Chainman.*

_____, *Asman.*

_____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 3d

day of June, 19 26

E. J. Horse _____

My commission expires Apr 26, 1927 _____ *Notary Public.*



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, J. WILLIAM WAARA, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at PHOENIX ARIZONA, dated MARCH 2, 1926, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly executed the survey of the Mining Claim of E. BLOCK, known as the COPPER DYKE and COPPER DYKE EXTENTION lodes, situate in BIG BUG Mining District, YAVAPAI County, ARIZONA, in Section 22 and 27, Township No. 12 1/2 N, Range No. 1 W., Unsur., and designated as Survey No. 4003, 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 Office Cadastral Engineer with said instructions, and that all 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 his 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.

J. William Waara
U. S. Mineral Surveyor.

Subscribed and sworn to by the said J. WILLIAM WAARA
U. S. Mineral Surveyor, before me A NOTARY PUBLIC
this 25th
day of May, 1926

E. J. F. Horne
Notary Public

My commission expires
April 26th 1927

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

Department of the Interior, PUBLIC SURVEY OFFICE, OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

June 12, 1926

I, U. S. Surveyor General for, Office Cadastral Engineer

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

E. Block

known as the COPPER DYKE and COPPER DYKE EXTENTION lodes

situate in Big Bug

Mining District, Yavapai County, Arizona

in Section s 22 & 27, Township No. 12 1/2 N., Range No. 1 W., Unsur.

designated as Survey No. 4003, 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 each of said mining claims by claimant or his grantors, and that said improvements consist of 4 cuts, 3 tunnels, 3 crosscuts, and 1 drift, total value \$5780.

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.

John D. Adams

Office Cadastral Engineer.

United States Surveyor-General for

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

DEPARTMENT OF THE INTERIOR
PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

June 12, 1926

I, Office Cadastral Engineer at Phoenix, Arizona,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the
Mining Claim of _____

E. Block

_____, known as the

COPPER DYKE and COPPER DYKE EXTENTION lodes

situate in Big Bug mining district,

Yavapai County, Arizona

in Section s. 22 and 27, Township No. 12½ N., Range No. 1 W., Unsur.

_____, designated as Survey No. 4003

executed by J. William Waara, U. S. Mineral

Surveyor, May 10 - 22, 1926, under my instructions dated

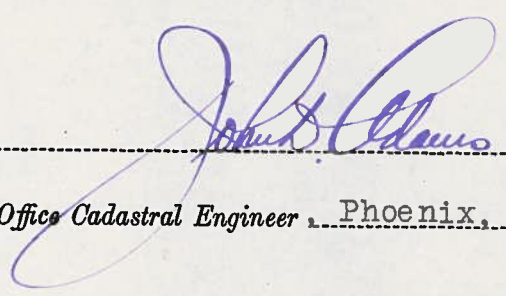
March 2, 1926, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.



Office Cadastral Engineer, Phoenix, Arizona.