

**MS**

**0**

**1**

**7**

**4**

**5**



*Recd. Jan 2/03*

(4-683.)

Mineral Survey No. 1745

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

Prescott Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Big Bug Gold and Copper Mining Company

KNOWN AS THE

Copper and Lignite

Big Bug

Mining District.

Yavapai County, Arizona

Section \_\_\_\_\_ Township \_\_\_\_\_, Range \_\_\_\_\_

Surveyed under instructions dated Dec. 20<sup>th</sup>, 1902

by J. J. Fisher

U. S. Deputy Mineral Surveyor

Claim located See loc. notes, 1

Survey commenced December 27<sup>th</sup>, 1902

Survey completed " 29<sup>th</sup>, 1902

6-103

Address.

J. C. Job.

Attorney in fact for  
Account

Prescott  
Arizona

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, Wm Crocker and W. J. Deam,  
do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally-pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Mining Claim of Big Bug Gold and Copper Mining Co  
known as the Copper and Combine  
situate in Big Bug mining district  
Yavapai County, Arizona  
in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_

Wm Crocker, Chairman.  
W. J. Deam, Chairman.

Subscribed and sworn to by the above-named persons before me this  
By commission exp. May 19 1904 27<sup>th</sup> day of December, 1902

J. J. Fisher  
Notary Public

I, W. J. Deam, do solemnly swear that I will well and truly perform the duties of axman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of Big Bug Gold & Copper Mining Co  
known as the Copper and Combine  
more fully described in the preceding affidavit.

W. J. Deam, Axman.

Subscribed and sworn to by the said W. J. Deam  
before me this 27<sup>th</sup> day of December, 1902

By commission exp. May 19 1904

J. J. Fisher  
Notary Public

I, Wm Crocker, do solemnly swear that I will well and truly perform the duties of flagman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of Big Bug Gold & Copper Mining Co.  
known as the Copper & Combine  
more fully described in the preceding affidavit.

Wm Crocker, Flagman.

Subscribed and sworn to by the said Wm Crocker  
before me this 27<sup>th</sup> day of December, 1902

By commission exp. May 19 1904

J. J. Fisher  
Notary Public



Survey No. 1745.

Feet.

COPPER LODE.

Beginning at Cor. No. 1, identical with N. W. cor. of location.

A porphyry stone 5x12x24 ins. set one foot in ground, alongside a mon. of stones 3x3 ft. Stone marked C. No. 1-1745.

A x on a porphyry rock in place, marked B. R. C. No. 1-1745, brs. N. 42° 10' E. 84.2ft.

A x on a porphyry rock in place, marked B. R. C. No. 1-1745, brs. S. 51° 5' W. 51.1ft.

U.S.L.M.No.4-1245 B. B. D. brs. N. 79° 52' W. 6239 ft.

Thence S. 9° 30' W.

Var. 14° E.

750  
1500

*To west side mon.*

To cor. No. 2, which is also cor. No. 1, Combine Lode of this survey. Identical with cor. of loc.

A porphyry stone 6x12x24ins. set one foot in ground, alongside a mon. of stones 3x3ft. Stone marked C. No. 2-1745 and C. No. 1-1745.

A x on a porphyry rock in place, marked B. R. C. No. 2-1745 brs. N. 23° 15' E. 58.3 ft.

A x on a porphyry rock in place, marked B. R. C. No. 1-1745 brs. S. 11° 20' E. 38.1 ft.

Thence S. 68° E.

Var. 14° E.

300

To S. C. E. which is also the N. C. E. of the Combine lode of this survey.

A porphyry stone 3x12x24 ins. set one foot in ground, alongside a mon. of stones 3x3ft.

Survey No. 1745.

Feet. stone marked S. C. E. C. No. 1745 and N. C. E. C. No. 1745.

600 To cor. No. 3, which is also cor. No. 4, Combine lode of this survey, identical with cor. of loc.

A porphyry 8x8x24ins. set one foot in ground along side a mon. of stones 3x3 ft. Stone marked C. No.3-1745 and C. No. 4-1745. No brs. available.

Thence N. 9° 30' E.

Var. 14° E.

750  
1500

To *east side mon.* cor. No. 4, identical with loc.

A porphyry stone 8x12x30ins. set one foot in ground, alongside a mon. of stones 3x3ft. Stone marked C. No. 4-1745.

A x on a porphyry rock in place, marked B. R. C. No. 4-1745 brs. N. 26° 33' E. 39 ft.

Thence N. 68° W.

Var. 14° E.

300 To N. C. E. identical with loc.

A porphyry stone 8x10x24ins. set one foot in ground, alongside a mon. of stones 3x3ft. Stone marked N. C. E. C. No. 1745.

600 To cor. No. 1, the place of beginning survey of exterior boundaries.

\* \* \* \* \*

COMBINE LODGE.

Beginning at cor. No. 1, which is also cor. No. 2, Copper lode of this survey, corner described above.

U. S. L. M. No. 4-1245B. B. D. brs. N.66° 23' W. 6433ft.

Survey No. 1745.

Feet.

Thence S. 22° W.

Var. 14° E.

750 *To west side mon.*  
1100 To Big Bug creek, course east, width 75 ft.

1500 To cor. No. 2, identical with loc.

A porphyry stone 4x10x24ins. set one foot in ground, alongside a mon. of stones 3x3ft. Stone marked C. No. 2-1745.

A x on a porphyry rock in place, marked B. R. C. No. 2-1745 hrs. S. 10° 55' W. 124ft.

Thence S. 68° E.

Var. 14° E.

300 To S. C. E. identical with loc.

A porphyry stone 4x12x24ins. set one foot in ground, along side a mon. of stones 3x3ft. Stone marked S. C. E. C. No. 1745.

600 To cor. No. 3, identical with location.

A porphyry stone 4x6x30ins. set one foot in ground, alongside a mon. of stones 3x3ft. Stone marked C. No. 3-1745. No hrs. available.

Thence N. 22° E.

Var. 14° E.

500 To Big Bug creek, course east, width 75ft.

750 *To east side mon.*  
1500 To cor. No. 4, which is also cor. No. 3, Copper lode of this survey, cor. described above.

Thence N. 68° W.

Var. 14° E

300 To N. C. E. which is also the S. C. E. Copper lode

of this survey, mon. described above. *whence dis. mon. hrs. S. 22° W. 200 ft. dist.*



Survey No. 1745.

Feet.

600 To cor. No. 1, the place of beginning survey of exterior boundaries.

\* \* \* \* \*

AREA.

Copper lode	20.172 acres.
Combine lode	<u>20.661</u> "
Total area lode claim	40.833 acres.

20.172

\* \* \* \* \*

LOCATION.

This claim is located on unsurveyed land, approximately in T. 11 N. R. 1 E. G & S. R. M. in Big Bug Mining District, Yavapai County Ariz. and is bounded on the north, east and south by U.S. land, and on the west by Stone Chimney and Apache Chief lodes, unsurveyed.

\* \* \* \* \*

VEINS.

Copper vein from the dis. shaft N. 9° 30' E. 1400ft. and S. 9° 30' W. 100ft.

Combine vein extends from the dis. mon. N. 22° E. 300ft. and S. 22° W. 1200ft.

\* \* \* \* \*

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 less than five hundred dollars for each location, and that said improvements consist of :-

Survey No. 1745.

Copper Lode.

Dis. Shaft No. 1, which brs. from S. C. E. mon. N. 9° 30' E. 100ft. Shaft 4x6ft. 22ft. deep.

Value \$220.00

Cut No. 2, which brs. from S. C. E. mon. N. 9° 30' E. 546ft. Cut 4x25ft. 10ft. face.

Value \$200.00

Combine Lode.

Dis. Cut No.1, which brs. from S. C. E. mon. N. 35° 15' E. 548ft. Cut 6x7ft. 11ft. face.

Value \$100.00

Tunnel No. 2, which brs. from S. C. E. mon. N. 42° 30' E. 581ft. Tunnel 4x6ft. 27ft. long.

Value \$270.00

Proposed shaft No. 3, which brs. from S. C. E. mon. N. 22° E. 485ft.

The company proposes to commence work on this shaft within the next two weeks and have the necessary amount of work done before the expiration of the publication.

\* \* \* \* \*

INSTRUMENT.

This survey was made with a Gurley Light Mt. Solar Transit, The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 75ft. steel tape.

Prescott Ariz.

Dec. 31st. 1902.

*J. J. Fisher*  
U. S. D. M. Surveyor.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by J. J. Fisher  
 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 Big Bay Gold & Copper Mining Co.  
 known as the Copper and Combine  
 and showing the respective capacities in which they acted.

- Wm Crocker ..... , Chairman.
- W. J. Drum ..... , Chainman.
- W. J. Drum ..... , Axman.
- Wm Crocker ..... , Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Wm Crocker  
 and W. J. Drum ..... , do solemnly swear that we assisted J. J. Fisher  
Fisher ..... , United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of Big Bay Gold and  
Copper Mining Company  
 ..... , known as the Copper  
and Combine ..... , 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 .....

- Wm Crocker ..... , Chairman.
- W. J. Drum ..... , Chainman.
- W. J. Drum ..... , Axman .
- Wm Crocker ..... , Flagman.

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

this 29<sup>th</sup> day of December, 1902

*Notary Public*  
 May 9 1904

J. J. Fisher  
 Notary Public



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, J. J. Fisher, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Dec. 20<sup>th</sup> 1902, 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 Big Bug Gold and Copper Mining Co., known as the Copper and Corundum, situate in Big Bug Mining District, Yavapai County, Arizona, in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_, and designated as Survey No. 1745, 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.

J. J. Fisher  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said J. J. Fisher  
U. S. Deputy Mineral Surveyor, before me Thomas C. Job a Notary  
Public in and for Yavapai Co. Arizona this 31<sup>st</sup>  
day of December 1902

*My Commission Expires July 7, 1903.*

Thomas C. Job  
Notary Public



"COPPER"

NOTICE OF MINING LOCATION.  
Quartz Claim.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Copper 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 undersigned, on the 7th day of April, 1899.

The length of this claim is 1500 feet, and we claim 1425 feet in a Northerly direction and 75 feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, 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 North to the South.

The claim is situated and located in the Bigg Bugg Mining District, in Yavapai County, in the Territory of Arizona, about 2 miles in a South Easterly direction from Mayers Station on Bigg Bugg Creek about one mile up the creek from Millers ranch and known as the Iron Dike.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at the South end center monument at a point in a Southerly direction 75 feet from the discovery shaft (at which this notice is posted), being in the center of the South end line of said claim; thence Westerly 300 feet to a monument of stone being the S. W. corner of said claim; thence Northerly 750 feet to a monument at the center of the West side line of said claim; thence Northerly 750 feet to a monument being at the N. W. corner of said claim; thence Easterly 300 feet to a monument at the center of the North end of said claim; thence Easterly 300 feet to a monument being at the N. E. corner of said claim; thence Northerly 750 feet to a monument being at the center of the East side line of said claim; thence Northerly 750 feet to a monument at the S. E. corner of said claim; thence Westerly 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 Concerning Mines", approved March 20, 1895.

Dated and posted on the ground this 7th day of April, 1899.  
G. W. Dorland  
Frank Andrews.

Filed and recorded at request of Frank Andrews, May 13<sup>th</sup> A. D. 1899, at 10:45 o'clock P. M., Book 52 of Mines, page 96, Records of Yavapai County, Arizona.

(Seal) W. I. Johnson, County Recorder  
By E. C. Averyt, Deputy Recorder.

\*\*\*\*\*

Territory of Arizona, )

:SS.

County of Yavapai. )

I, P. J. FARLEY, County Recorder in and for the County of Yavapai, in the Territory of Arizona, and Custodian of the records thereof, do hereby certify that I have compared the above and foregoing with, and the same is a full, true and correct copy of the notice of location of the "COPPER" Mining Claim, as the same appears of record in my office in Book 52 of Mines, page 96, Records of Yavapai County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, this 10th day of December, A. D. 1902.

*P. J. Farley*  
County Recorder  
By *J. C. Walker*  
Deputy Recorder.

This claim and the combine are both located on the same ledge and join, this, the copper being the North claim.



"COMBINE"

NOTICE OF MINING LOCATION.  
Quartz Claim.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Combine 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 undersigned, on the 7th day of April, 1899.

The length of this claim is 1500 feet, and we claim 1200 feet in a southerly direction and 300 feet in a Northerly direction

Dis. Monument

from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, 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 North to the South.

The claim is situated and located in the Bigg Bugg Mining District, in Yavapai County, in the Territory of Arizona, about 2 miles in a South easterly direction from Mayers Station on Bigg Bugg creek and known as the Iron Dike about 1/2 mile up the creek from Millers ranch.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at North end center monument at a point in a Northerly direction 300 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence Westerly 300 feet to a monument being the N. W. corner of said claim; thence Northerly 750 feet to a monument at the center of the west side line of said claim; thence Southerly 750 feet to a monument being at the S. W. corner of said claim; thence Easterly 300 feet to a monument at the center of the south end of said claim; thence Easterly 300 feet to a monument being at the S. E. corner of said claim; thence Northerly 750 feet to a monument being at the center of the East side line of said claim; thence Northerly 750 feet to a monument at the N. E. corner of said claim; thence Westerly 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 Concerning Mines", approved March 20, 1895.

Dated and posted on the ground this 7th day of April, 1899.

Frank Andrews  
G. W. Dorland.

Filed and recorded at request of Frank Andrews, May 16<sup>th</sup> A. D. 1899, at 10:45 o'clock A. M., Book 52 of Mines, page 97, Records of Yavapai County, Arizona.

(Seal) W. I. Johnson, County Recorder

By E. C. Averyt, Deputy Recorder.

\*\*\*\*\*

Territory of Arizona,)

:SS.

County of Yavapai. )

I, P. J. FARLEY, County Recorder in and for the County of Yavapai, in the Territory of Arizona, and Custodian of the records thereof, do hereby certify that I have compared the above and foregoing with, and the same is a full, true and correct copy of the notice of location of the "COMBINE" Mining Claim, as the same appears of record in my office in Book 52 of Mines, page 97, Records of Yavapai County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, this 10th day of December, A. D. 1903.

*P. J. Farley*  
County Recorder  
By *J. C. Parker*  
Deputy Recorder.

This claim the Combine and the Copper join-this, being the south claim.



Survey NO. 1745.

## 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 for each location in claim, and that said improvements were made before the publication for patent commenced, and that said improvements consist of:-

Work already reported.

Shaft NO. 3, which hrs. from S. C. E. Combine lode N. 22° E. 485 ft. Shaft 5x7 ft. 22 ft. deep. timberd with 8x8 inch timbers.

Value	\$ 440. 00
-------	------------

## Note:-

One hundred dollars of this improvement is to be credited to the Copper lode of this survey..

Prescott Ariz.

August 4th, 1903.



U.S. Dep. Min. Surveyor.

## Affidavit of Five Hundred Dollars Improvements.

we, W. J. Deam, and George Lupton

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Copper and Cobalt mining claim, situate in Big Bend Mining district, Yavapai County, Arizona Territory, for which Big Bend Gold & Copper Mining 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 its grantor exceed Five Hundred Dollars in value, for such location and further that we are not personally interested in said mine.

W. J. Deam

George Lupton

TERRITORY OF ARIZONA,  
County of Yavapai } ss:

Sworn to and subscribed before me, this 3



day of Aug, 1903

Wm Belle Weyer  
Notary Public

My commission expires May 15 - 1904



(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.....Dist. 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  
Big Bug Gold and Copper Mining Co.....  
.....  
known as the.....Copper & Combine.....,  
situate in.....Big Bug.....mining district,  
.....Yavapai.....County,.....Arizona.....,  
in Section Approx....., Township No. 111....., Range No. 1 E. (unsurveyed);  
that said improvements consist of work already reported value \$790.....  
Shaft No. 3 which hrs. from S.C.N. Combine lode, N. 22° E., 485  
ft., shaft 5 x 7 ft. 22 ft. deep, timbered with 8 x 8 inch timbers,  
value \$440.00, one hundred dollars of the value of this improvement  
is to be credited to the Copper lode of this survey.

....., 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  
J. J. Fisher....., U. S. Deputy Mineral Surveyor, dated  
Aug. 4th, 1903....., 18....., is hereto attached.



U. S. Surveyor General for.....Arizona.....

Office of U. S. Surveyor General,

Phoenix, Arizona.....,

August 5, 1903....., 18.....

o 2-178

Sur No 1745

Copied

P. 7-106

Case 162



(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

April 30 - 1903, 18

I, U. S. Surveyor General for Arizona,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the

Survey of the Mining Claim of Big Bangsold and

Copper Mining Company

, known as the

Copper and Cobalt

situate in Big Bug mining district,

Yavapai County, Arizona,

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

designated as Survey No. 1745-

executed by J. J. Fisher, U. S. Deputy Mineral

Surveyor, Dec. 27<sup>to 29</sup>, 1902, 18 \_\_\_\_\_, under my instructions dated

Dec. 20, 1902, 18 \_\_\_\_\_, 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.

Hugh H. Price

U. S. Surveyor General for Arizona.

