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MINERAL SURVEY No. 3518

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Arizona Binghamton Copper Company.

KNOWN AS THE

Copper Ruin Fraction lode

Agua Fria Mining District,

Yavapai County, Arizona

Section 31 Unapproved Township 13 N., Range 2 E.G. & S.R.B. & M.

Surveyed under instructions dated May 14, 1918, 19

by Alfred B. Colwell U. S. Mineral Surveyor.

Claim located See Location Notice, 19

Survey commenced June 15, 1918, 19

Survey completed July 28, 1918, 19

Address of claimants Attorneys, Anderson & Ellis Prescott, Arizona.

DATES OF AMENDED LOCATIONS.

6-822

File of this survey reported in error by Colwell's Ser. 3613. See his report herewith.

Mineral Survey No. 3518

Feet

1700.00 Copper Ruin Fraction lode.

Beginning at Cor. No. 1

Identical with Cor. No. 5 Sur. No. 3421 Tennessee lode, claimant herein.

A schist rock .3 x 1.2 x 1.7 ft. set 1 ft. in the ground, chiseled + at exact corner point and C.R.F. 1-3518, T. 5-3421 with mound of stone alongside. Whence the angle (Point) on the line between the C.C. Secs. 1 and 6 T. 12 N. Rs 1 and 2 E., and the Std. Cor. of T. 13 N. Rs. 1 and 2 E. bears S. 82° 07' W. - 1420.30 ft.

Thence N. 15° 36' E.

440.73 To Cor. No. 2

A schist rock .3 x 1.3 x 1.9 ft. set 1 ft. in the ground chiseled + at exact corner point and C.R.F. 2-3518 with mound of rock alongside. Whence Cor. No. 1 Sur. No. 1694 Copper Ruin lode, claimant herein bears N. 6° 42' E. - 139.90 ft.

Thence S. 74° 24' E.

55.02 Intersect line 1-2 Sur. No. 1694 Copper Ruin lode at S. 13° 25' E. - 158.05 ft. from Cor. No. 1

150.00 North End Center, a mound of rock.

284.74 To Cor. No. 3

A + on prominent ledge of rock 20 ft. high, 30 ft. long, chiseled + and C.R.F. 3-3518 with mound of rock alongside. No suitable bearings available.

Thence S. 13° 37' W.

441.00 To Cor. No. 4

Identical with Cor. No. 1 Sur. No. 3421 Tennessee lode.

A schist rock .3 x .9 showing 1 ft. above ground, chiseled C.R.F. 4-3518, T. 1-3421 with mound of stone alongside, Whence the S. 1/4 Cor. Sec. 31 T. 13 N. R. 2 E. G. & S. R. B. & M. bears S. 82° 27' E. - 878.14 ft.

The main working shaft, Arizona Binghamton mine bears S. 24° E. - 930 ft.

Thence N. 74° 24' W.

55.55 Intersect line 1-2 Sur. No. 1694 Copper Ruin lode at S. 13° 25' E. - 662.02 ft. from Cor. No. 1 and N. 13° 25' W. - 785.84 ft. from Cor. No. 2

Mineral Survey No. 3518

Feet
 150.00 South end center, Identical with the North end Center Sur.
 No. 3421 Tennessee lode, a mound of rock.

300.00 To Cor. No. 1 The place of beginning.
 Variation at all corners 14°30'E.
 Lode line.
 As near as may be determined from present developments
 the lode line runs N. 15°36'E. - 430.73 ft. and S. 15°36'W. -
 10 ft. from the discovery shaft.

Area
 Total area Copper Ruin Fraction lode 2.958 Acres
 Area in conflict with
 Sur. No. 1694 Copper Ruin lode 1.165 Acres
 The survey of this claim is identical with its location.
 Location
 This claim is situated in the S.W. 1/4 Sec. 31 Unapproved T.
 13 N.R. 2 E. Gila and Salt River Base and Meridian.
 Adjoining claims
 On the East. Sur. No. 1694 Copper Ruin lode
 On the South. Sur. No. 3421 Tennessee lode, claimant herein.
 No known claims on the West or North.

Expenditure of Five Hundred Dollars.
 I certify that the value of the labor and improvements
 made upon or for the benefit of this 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, on the lode line at N. 15°36'E. - 10 ft.
 from the south end center. 4 x 6 ft. 10 ft. deep in rock.
 Value \$50.00

No. 2. A shaft which bears from Cor. No. 1 S. 86°E. - 105 ft. 4 x 6 ft.
 10 ft. deep in earth and rock.
 Value \$50.00

No. 3. A diamond drill hole 1 1/2 in. in dia. 187 ft. long.
 Value \$516.00
 This hole was drilled horizontally from the end of a drift
 on the 100 ft. level of the Arizona Binghamton mine, owned
 and operated by the claimant herein. The starting point
 of the hole is within the side lines of Sur. No. 1694
 Copper Ruin lode and bears from Cor. No. 4 Copper Ruin

Fraction lode, N.21°E.320 ft. Thence the said Diamond Drill hole runs horizontally N.89°W.-187 ft.

The above described hole was drilled for the development of this claim. By taking advantage of the depth and position of the Arizona Binghamton mine workings it was possible to drill at right angles to the formation and develop this claim in the most advantageous manner and with the minimum of expense.

Other Improvements

None

Instrument

This survey was made with a C.L.Berger & Sons transit. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with 100 ft. and 500 ft. steel tapes.

Report.

The lines of this survey were run upon the ground as were the connections with corners of the Public Survey and adjoining claims.

The Angle Point on the line between the C. C. Secs.1 and 6 T.12 N.Rs1 and 2 E., and the Std.Cor.of T.13 N.Rs.1 and 2 E. is a white quartz rock properly set, marked with + on top and A P

The S. $\frac{1}{4}$ Cor. Sec.31 T.13 N.R.2 E. G.& S.R.B.& M. is a 1 in. iron pipe properly set and marked.

Cors.Nos.1 and 2 Sur.No.1694 Copper Ruin lode, are of stone, properly set and marked.

Note

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

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Alfred B. Colwell
 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 _____
Arizona Binghamton Copper Company
 known as the Copper Ruin Fraction lode
 and showing the respective capacities in which they acted.

H.A. Stanton _____, *Chainman.*
 _____, *Chainman.*
 _____, *Axman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~WE~~, I H.A. Stanton
 and _____, do solemnly swear that ~~we~~ assisted _____
Alfred B. Colwell, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Arizona Binghamton Copper Company
 known as the Copper Ruin Fraction lode
 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-
 tions furnished by the United States Surveyor-General for Arizona

H.A. Stanton _____, *Chainman.*
 _____, *Chainman.*
 _____, *Axman.*
 _____, *Flagman*

Subscribed and sworn to by the above-named persons before me this 26th

day of June, 1918

R.W. Warner
Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Alfred B. Colwell, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 14, 1918, 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 Arizona Binghamton Copper Company, known as the Copper Ruin Fraction lode, situate in Agua Fria Mining District, Yavapai County, Arizona, in Section 31 Unapproved, Township No. 13 N., Range No. 2 E. G. & S. R. B. and M., and designated as Survey No. 3518, 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.

Alfred B. Colwell
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Alfred B. Colwell
U. S. Mineral Surveyor, before me a Notary Public in and for Yavapai County, State of Arizona. this 6th day of August, 1918

Notary Public

My Commission Expires May 4, 1921

Notice of Mining Location
LODE CLAIM

MAR 11 1918

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Copper Ruin Fraction 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 Samuel E. Chaney a citizen of the United States, the undersigned, on the 5th day of November, 1917.

The length of this claim is 450 feet, and I claim 450 feet in a Northerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 150 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 South to the North.

The claim is situated and located in the Agua Fria Mining District, in Yavapai County in the State of Arizona, about 500 feet in a Westerly direction from old "Indian fort" on Copper Ruin claim

The surface boundaries of the claim are marked upon the ground as follows: Beginning at stone monument which is the south end center and identical with the location monument of this claim from the discovery shaft (at which this notice is posted), being in the center of the South end line of said claim; thence West 150 feet to a stone monument, being the N W Cor Tennessee and S. W. corner of said claim; thence North 450 feet to a stone monument, being at the N. W. corner of said claim; thence East 150 feet to a stone monument at the center of the North end of said claim; thence East 150 feet to a stone monument being at the N. E. corner of said claim; thence South 450 feet to a stone monument at the N. E. Cor Tennessee and S. E. corner of said claim; thence West 150 feet to the place of beginning.

Dated and posted on the grounds this 5th day of November, 1917.

Samuel E. Chaney.

Witness
G. E. Abernathy

Filed and Recorded at request of Anderson, Coleman & Nilsson, November 14th., A. D. 1917, at 2:10 O'clock P. M., Book 109 of Mines, Page 58, Records of Yavapai County, Arizona.

(SEAL) E. A. McSWIGGIN
County Recorder

By Lula McIntosh
Deputy Recorder

STATE OF ARIZONA)
) SS
COUNTY OF YAVAPAI.)

I, E. A. McSWIGGIN, County Recorder in and for the County of Yavapai, State of Arizona, and custodian of the records of such office, DO HEREBY CERTIFY that I have compared the foregoing copy with, and that the same is a full, true and correct copy of the Location Notice of the COPPER RUIN FRACTION Lode Mining Claim, filed for record on November 14th., 1917, and as the same appears of record in my office in Book 109 of Mines, page 58, and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, at my Office in the City of Prescott, State of Arizona, this 10th day of May, 1918.



E. A. McSwiggin

COUNTY RECORDER OF YAVAPAI COUNTY,
ARIZONA

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

June 12, 1919

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

ARIZONA BINGHAMTON COPPER COMPANY

known as the COPPER RUIN FRACTION LODE,

situate in AGUA FRIA

Mining District, YAVA PAI County, ARIZONA

in Section 31 Unapvd, Township No. 13 N, Range No. 2 E.,

designated as Survey No. 3518, 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 2 shafts and 1 drill hole, total value \$616.00

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.

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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,

June 12, 1919

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

ARIZONA BINGHAMPTON COPPER COMPANY

, known as the

COPPER RUIN FRACTION LODE

situate in AGUA FRIA mining district,

YAVAPAI

County, ARIZONA,

in Section 31 Unapproved, Township No. 13 N., Range No. 2 E., G. &

S. R. B. & M., designated as Survey No. 3518

executed by Alfred B. Colwell, U. S. Mineral

Surveyor, June 15 - July 28, 1918, under my instructions dated

May 18, 1918, 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. 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.



U. S. Surveyor General for Arizona.

Mr. Frank P. Trott
Surveyor General for Arizona.
Phoenix, Arizona.

In re Sur. No. 3518
Copper Ruin Fraction lode

Sir:-

I regret to be obliged to report myself in error in the section corner ties in the above mentioned survey.

The corrected ties are as follows:- From Cor. No. 4 Sur. No. 3518 Copper Ruin Fraction lode to the S. 1/4 Cor. Sec. 31 T. 13 N. R. 2 E. should be S. 82° 23' E. - 869.98 ft. From Cor. No. 1 to Angle Point on Fourth Standard Parallel North, should be S. 82° 05' W. - 1437.31 ft.

These errors were both made in office work and were discovered while making Sur. No. 3613

Respectfully
A. B. Colwell
U.S. Mineral Surveyor

The State of Arizona)
County of Yavapai) ss

Before me the undersigned personally appeared A. B. Colwell who after being duly sworn on oath by me, deposes and states that the above and foregoing report as signed by him is true and correct.

Subscribed and sworn to this 11th day of November, 1919

S. J. Denson
Notary Public

My Commission Expires
March 22 - 1922

