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LOT NO. 47

Survey N<sup>o</sup> 491

Field Notes

of the survey of the

Quartz Hill

Mining Claim

Situate in Copper Basin mining district,

County of Yavapai and in Sec. 5, Twp. 13N

Range 3W, of the Gila and Salt River Meridian.

Arizona.

Claimed by The Copper Basin Copper Company

Survey executed by F. S. Ingalls D. S.

Under instructions dated December 12<sup>th</sup> 1882

Survey commenced 27<sup>th</sup> 1882

Survey completed 27<sup>th</sup> 1882



# PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, Cornelius Davis and William Randall

do solemnly swear that we will faithfully execute the duties of Chain Carriers: that we will level the chain upon uneven ground, and plumb the tally pins, whether 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.

Cornelius Davis  
William Randall

SWORN to and subscribed before me, this 19<sup>th</sup> day  
of December 1882

W Carpenter  
Notary Public

I, Isaac A Bradshaw

do solemnly swear that I will well and truly perform the duties of Flagman  
according to instructions given me,  
and to the best of my skill and ability.

Isaac A Bradshaw

SWORN to and subscribed before me this 19<sup>th</sup> day  
of December 1882

W Carpenter  
Notary Public



Field Notes of the Survey of the Quartz  
Hill Mining Claim. Situated in  
Copper Basin Mining District Yavapai  
County Arizona.

Claimed by the Copper Basin  
Copper Company.

Surveyed under instructions received  
from G. W. Robbins, U. S. Surveyor  
General, of date December 12<sup>th</sup> 1882.

Survey commenced December 27<sup>th</sup> 1882

Survey completed December 27<sup>th</sup> 1882

Initial point. Monument of location  
situated on middle of outcroppings of  
vein at the centre of Northern end of  
claim, and bearing notice of location.

Direction of vein from this monument  
S. 22 $\frac{3}{4}$ ° W.

Magnetic variation as obtained by  
direct observation on the Sun with  
"Burt's Solar Transit"

14° 20' East

Beginning at the initial monument  
A pine post 4x4 inches, 4 ft. long, set  
1 $\frac{1}{2}$  feet in ground and built around  
by stone mound 3 ft. at base and  
1 $\frac{1}{2}$  ft. high. Marked with gauge  
D. H. N°1. (no bearings obtainable) and  
run thence as follows.

N 74 $\frac{1}{2}$ ° W.

Variation 14° 20' East

220 ft to the northwesterly corner of claim  
a pine post 4x4 inches 4 ft. long set  
1 $\frac{1}{2}$  feet in ground and built around  
by stone mound. 3 ft at base and  
1 $\frac{1}{2}$  ft. high. marked with gauge  
D. H. N°2. no bearings obtainable. thence

S. 22 $\frac{3}{4}$ ° W.

Variation 14° 20' East.

1090 ft to centre of gulch 30 ft wide  
running South.

1135 ft to South westerly corner of



claim on the Northern side line of  
the Cross Mining Claim. <sup>Not No. 43</sup> A pine  
post 4x4 inches 4 ft long, set 1 1/2 ft  
in ground and built around by  
stone mound 3 ft at base and 1 1/2 ft  
high. Marked with gauge D. H. N<sup>o</sup> 3  
(no bearings obtainable) thence,

S. 74 1/2° E

Variation 14.20' East

Along the Northern side line of the  
Cross Mining Claim. <sup>Not No. 43</sup>,  
29 ft to center of gulch 30 ft wide  
running South.

222 ft to center monument at Southern  
end of claim, a pine post 4x4  
inches 4 ft long, set 1 1/2 ft in ground  
and built around by stone mound  
3 ft at base and 1 1/2 ft high. Marked  
with gauge D. H. N<sup>o</sup> 4 and from  
which a shaft 4x6 ft. 8 ft deep  
bears N 61° W 80 ft distant and an  
other shaft 4x6 ft 8 ft deep bears  
N 22 3/4° E. 36 ft distant. (no other bearing  
obtainable)

414 ft to center of gulch 20 ft wide  
running South to East.

444 ft to South easterly corner of  
claim a pine post 4x4 inches 5  
ft long set 2 ft in ground and  
built around by earth mound  
4 ft at base and 2 ft high marked  
with gauge D. H. N<sup>o</sup> 5. from which  
a post at the South westerly corner  
of the Coppersmith Mining claim <sup>Not No. 45</sup>,  
bears S 74 1/2° E 140 ft distant. and  
United States Mineral Monument  
N<sup>o</sup> 1. Copper Basin Mining District  
bears S 83° E 985 ft distant, thence  
leaving the line of the Cross Mining Claim. <sup>Not No. 43</sup>  
N. 22 3/4° E

Variation 14.20' East.

550 ft to center of gulch 20 ft wide



running south east,  
 1135 ft to the North easterly corner of  
 claim. A Juniper post 4x4 inches  
 4 ft long. Set  $1\frac{1}{2}$  ft in ground  
 and blued around by larch  
 mound 3 ft at base, and  $1\frac{1}{2}$  ft  
 high. Marked with gangs D H  
 N<sup>o</sup> 6. No bearings obtainable thence.

N  $74\frac{1}{2}^{\circ}$  W.

Variation  $14.20'$  East.

222 ft to the place of beginning.  
 Total area  $11.\frac{47}{100}$  acres

The improvements on this claim  
 made by the claimant and their  
 grantors, consist of two shafts  
 4x6 ft, 8 feet deep each and  
 represent an expenditure of  
 \$150. The timber on the claim  
 is oak, Pine and Juniper with  
 underbrush of Manzanita.  
 The claim is situated in Copper  
 Basin, about 10 miles from Prescott,  
 in a westerly direction. A large  
 deposit of Quartz is found  
 on the southerly end of the  
 claim, and from which it  
 takes its name.

J. D. Ingalls  
 U. S. Geol. Minl. Surveyor.



FINAL OATHS FOR SURVEYS OF MINING CLAIMS & MILL SITES.

A LIST of names of individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing field-notes of the survey of The Quartz Hill Mining Claim located in Copper Basin Mining district, Yavapai County, Arizona, showing the respective capacities in which they acted.

Cornelius Davis Chainman.  
William Randall Chainman.  
Isaac A Bradshaw Axeman.  
Isaac A Bradshaw Flagman.

WE hereby certify that we assisted J. S. Ingalls U. S. Deputy Surveyor, in surveying The Quartz Hill Mining Claim claimed by The Copper Basin Copper Company located in Copper Basin Mining District, Yavapai County, and in township No. \_\_\_\_\_ Range No. \_\_\_\_\_ of the Gila and Salt River base and meridian, Arizona, and that said Survey has been in all respects to the best of our knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor General.

Cornelius Davis Chainman.  
William Randall Chainman.  
Isaac A Bradshaw Axeman.

Isaac A Bradshaw Flagman.

SWORN TO AND SUBSCRIBED before me this 29<sup>th</sup> day of December 1882

J. H. Carpenter  
Notary Public

I, J. S. Ingalls, U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 12 day of December 1882, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General and the laws of the United States, surveyed all those portions of The Quartz Hill Mining Claim claimed by The Copper Basin Copper Company located in Copper Basin Mining District, Yavapai County, Arizona, as are represented in the foregoing field-notes as having been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the instructions furnished me, and that the foregoing are the true and original field notes of such surveys.

J. S. Ingalls Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 14<sup>th</sup> day of March 1883

J. H. Carpenter  
Notary Public



Quartz Hills  
Notice of Location

Know all men by these Presents:

That we the undersigned have this day located Fifteen hundred (1500) feet linear feet of this vein or lode bearing precious metals, with all dips, spurs, angles and variations, with surface ground, Three hundred (300) feet on each side of the center of vein, with all mineral deposits contained therein, and all Timbers growing within the limits of of said claims, and all water and water privileges thereon or appurtenant thereto under and according to the provisions of the Mining Laws of the United States, under which it is located.

This claim commences at this monument and notice placed upon the ledge, and runs Fifteen hundred (1500) feet in a southerly direction along the ledge.

The Exterior boundaries are as follows: viz commencing at this monument and notice and running Three hundred (300) feet in a westerly direction to monument of stone, at N.E. corner of claim; thence in a southerly direction parallel with the ledge, Fifteen hundred (1500) feet to a monument at S.E. corner of claim, thence at right angles across the ledge in a westerly direction, Six hundred feet to monument at S.W. corner of claim, thence parallel with the lode in a northerly direction Fifteen hundred (1500) feet to monument at north west corner of claim; thence at right angles across the ledge in a



easterly direction, Three hundred feet <sup>(300)</sup> to monument  
upon the ledge and place of beginning 8

This ledge may be more generally described  
as situated in Copper Basin about one half mile  
where it crosses the west of Copper Basin  
north of the old Skull Valley trail, and joins  
Bradshaw's cross claims on the north, and the  
Coppersmiths on the west, in Copper Basin  
Mining District, Yavapai County, Arizona  
Territory, and shall be known as the Quartz Hill  
Mining Claims.

Dated on the ground this Twenty second day  
of September 1882.

Witness

C. C. Beaus

Jas A. Gilmore

Joseph B. Dappau

Filed and recorded at request of C. C. Beaus  
October 14<sup>th</sup> 1882 at 1050<sup>a.m.</sup> o'clock P.M. In Book  
14 of Mines Pages 583-584 - Records of Yavapai  
County, Arizona

William Milkeson

County Recorder

By D. S. Bechtel, Deputy



Territory of Arizona }  
County of Yavapai } ss.

I, William Wilkerson, County Recorder of Yavapai County in the Territory of Arizona and custodian of Records thereof do hereby certify the above and foregoing to be a full, true and correct copy of the Location Notice of "The Quartz Hill" Mining Claim in Copper Basin District of said County and Territory: located by Jas A Gilmore and Joseph B. Tappan, the twenty second (22<sup>d</sup>) day of September A. D. 1882., as the same appears of record in Book 14 of Mines, Pages 583-584, now in my office

In witness whereof I have hereunto set my hand and affixed my official seal at Prescott, Arizona this 29<sup>th</sup> day of November A. D. 1882.

William Wilkerson  
County Recorder  
By D S Bechtel  
Deputy



Location Notice

— of the —

"Quartz Hill" Mining  
Claims

Certified Copy.



Territory of Arizona }  
 County of Yavapai } S.S.

E. Bennett being first  
 duly sworn according to law deposes  
 and says: That he is a Deputy U.S.  
 Mineral Surveyor: That under in-  
 structions received from the Surveyor  
 General of Arizona dated July 18 1883  
 he examined the Quartz Hill Mining  
 Claim Copper Basin Mining District  
 Yavapai County Arizona Territory  
 and known as Lot No 47. Claimed by  
 the Copper Basin Copper Company  
 and surveyed by E. S. Ingalls U.S. Dep.  
 Min. Surveyor and hereby certifies  
 the improvements made on this  
 claim by the claimant and its  
 grantors to consist of a shaft  
 4 x 6 x 8 ft N. 61° W from Post No 4  
 80 feet: a shaft 4 x 6 x 12 ft N 22 3/4°  
 E from Post No 4. 36 feet: and a shaft  
 6 x 8 x 16 feet N 30° E from Post No. 4  
 261. feet. and a road running North East  
 and South West across the claim: and  
 that said improvements represent an  
 expenditure of Five Hundred Dollars

Subscribed and sworn to  
 before me this 26<sup>th</sup> day  
 of July A.D. 1883.

E. Bennett  
 U.S. Dep. Min Surveyor

J. H. Carpenter  
 Notary Public.



# Affidavit of Five Hundred Dollars Improve- ments.

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 Territory of Arizona } ss.  
 County of Yavapai }

Wm N Smith ..... and  
 Cornelius Davis ..... of lawful age, being first duly sworn accord-

ing to law, depose and say that they are acquainted with the Quartz  
 Hill ..... mining claims in Upper Basin

mining district, county and Territory ..... aforesaid for

which The Upper Basin Copper Company has made

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 his  
 grantors exceed five hundred dollars in value.

Wm N Smith

Cornelius Davis

Subscribed and sworn to before me, this 12<sup>th</sup> ..... day of

July

A. D. 1873

J. H. Carpenter  
 Notary Public







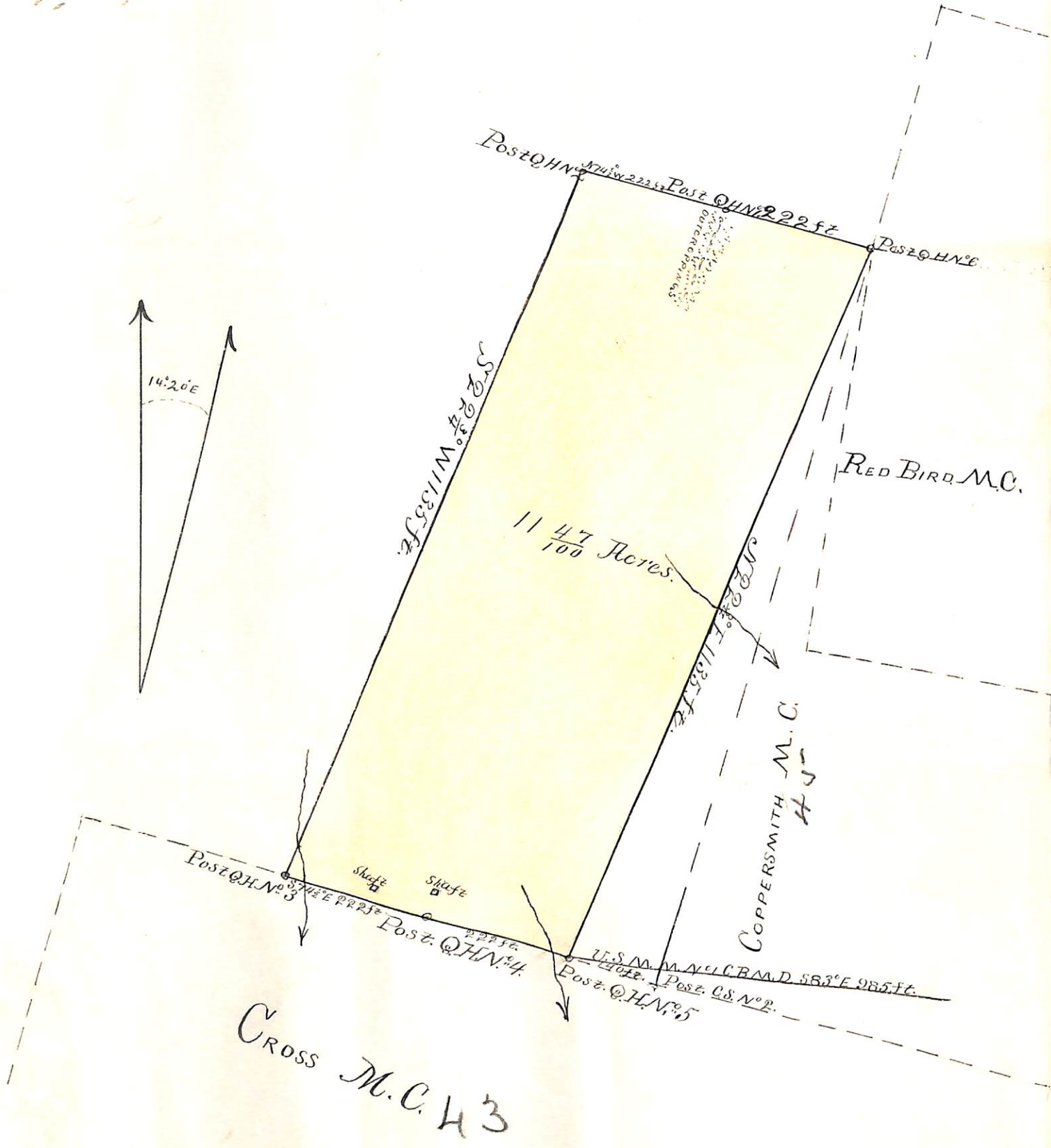
PLAT  
OF THE  
QUARTZ HILL MINING CLAIM

SITUATED IN COPPER BASIN MINING DISTRICT, NAVAJO CO., A.T.  
CLAIMED BY THE COPPER BASIN COPPER COMPANY,  
SURVEYED UNDER INSTRUCTIONS RECEIVED FROM  
J. W. ROBBINS, U.S. SURVEYOR GENERAL OF DATE  
DECEMBER 12<sup>th</sup> 1882.  
BY F. S. INGALLS,  
U.S. DEPUTY MINL. SURVEYOR,  
DECEMBER 27<sup>th</sup> 1882.

12

Smy 491  
Ltk 47

*[Faint handwritten notes]*

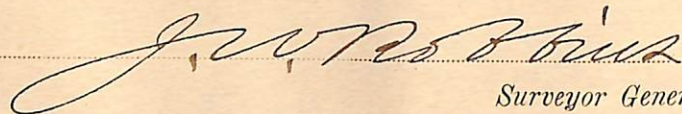




U. S. Surveyor General's Office.

Tucson, Arizona, May 19<sup>th</sup> 1883.

The foregoing field notes of the survey of the Quartz Hill  
Mining Claim situate in  
the Copper Basin Mining District, Yavapai  
County, Arizona, claimed by The Copper Basin  
Copper Company,  
survey executed by J. D. Fegalls, Deputy  
Surveyor, under instructions from this office, having been critically examined  
and the necessary corrections and alterations made, the said field notes and  
the survey they describe are hereby approved.

  
Surveyor General.