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LOT NO. 59

Field Notes

of the survey of the

Horse Shoe
Mingolain.

Situate in Copper Mountain mining district,

County of Apache and in Sec. _____, Tp. _____,

Range _____, of the Gila and Salt River Meridian,

ARIZONA.

Claimed by J. Freudenthal.

Survey executed by Nicholas S. Davis D. S.,

Under instructions dated July 23, 1880

Survey commenced September 4, 1880

Survey completed September 4, 1880

PRELIMINARY OATHS FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, Scott Mesgrave and John W. Moore
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 lengths, of all lines that we assist in measuring, to the best of our skill and ability.

George Washington Mesgrave
John Marion Moore

SWORN AND SUBSCRIBED before me this 21st
day of August 1880

Louis Smadbeck
Notary Public

I, Nicholas J. Davis
do solemnly swear that I will well and truly perform the duties of Deputy
Municipal Surveyor according to instructions given me, and to the best of my skill and ability.

Nicholas J. Davis

SWORN AND SUBSCRIBED before me this 21st
day of Augt 1880

Louis Smadbeck
Notary Public



Sept. 4th 1880

Field Notes of Survey of Lot No 57. Horse Shoe Claim J. Independent Claimant in Copper Mountain Mining District Apache County Arizona, surveyed pursuant to instructions from John Wasson, Surveyor General for Arizona, under date of July 23rd 1880,

Beginning at a fine post marking the W End of Lot 56 Coronado Claim, and marked on E face W End Co. on W face E End H.S., from which U.S. Mineral Monument No 1 bears S 87° 20' E dist 56.73 Chains N Face of bluff of rock 20 feet high bears S 88° W dist 2.60 chains, shaft No 1 on Lot No 57. Horse Shoe Claim J. Independent Claimant bears N 83° 25' W dist 6.15 Chains

Chains Thence from place of beginning on E boundary of said claim S 22° 31' E. ascending,

- 0.34 to Ruine
- 1.54 across Ruine ascending
- 2.04 to top ridge descending
- 4.34 to S.E. Cor a Cedar post 4 in square set in mound of rock marked on E face S.W. Cor. Co. on W face S.E. Cor H.S., being a Cor. common to Lots No 56 and 57, from which an oak tree circumscribed bears S 71° 40' W dist 2.37 Chains,

- Chains Thence from S.E. Cor on S boundary of said claim S 88° 25' W descending
- 6.80 to S branch of Twin Canyon
- 7.80 across Twin Canyon ascending
- 9.40 Past hill descending
- 18.30 to S Branch Twin Canyon down by large Twin Canyon ascending steep
- 20.08 large Twin Canyon ascending steep
- 21.72 to S.W. Cor, set a Cedar post 4 in square in mound of rock, marked

on E face S W Cor H.S., from which
 Fort Peak Lead $N 83^{\circ} 30' W$ dist 69.40

Chains
 1.50 Chain. Thence from S W Cor on W boundary
 of Said Claim $N 22^{\circ} 31' W$, descending
 to S Branch Twin Canyon
 2.50 across Twin Canyon ascending
 3.75 to Prairie
 4.54 to a Cedar post ~~4~~ 8 in square set
 in mound of rock, and marked
 on E face W End H.S.

9.08 to N W Cor set a Cedar post 4 in
 square in mound of rock from which
 a crooked pine tree 8 in diameter leads
 $S 64^{\circ} 30' E$ dist. 65.2 Ks

Chains
 4.62 Thence from N W Cor on N boundary
 of Said Claim $N 88^{\circ} 25' E$, ascending
 to top ridge descending
 5.70 to Prairie ascending
 10.97 top Ridge descending
 14.37 Prairie ascending
 21.72 to N E Cor, a Cedar post 4 in square
 set in mound of rock. Marked on E
 face N W Cor., Co, on W face N E Cor
 H.S., being a Cor. Comment to lots No 56
 and 57, from which a scrub Cedar leads
 $S 22^{\circ} W$ dist. 10.2 Ks

Thence from N E Cor. on E boundary
 of Said Claim $S 22^{\circ} 31' E$

3.78 Cross trail
 4.54 to place of beginning
 variation $13^{\circ} 05' E$
 Containing 18.42 Acres

The improvements on the above
 claim consist of shaft No 1
 6 x 9 feet sunk on the land to
 a depth of 62 feet and some
 minor opening along the land.
 The work has been performed by
 W Grant and other in the
 employ of J Jrenenthal the
 claimant at different dates

between the time of original location and the present. I estimate the cost of the work done at twelve hundred dollars

Description - The claim is surveyed lays on the N + S slope of Twin Canyon, showing the out crop of a mineral vein throughout its length from 6 to 10 feet wide strike of vein 388° W having a dip of about 10° from vertical to S. It is all granite & well exposed. The ores are copper glance & copper carbonate. No gold or silver having been found in the ores

I hereby certify that the above are the true and original field notes as made by me in the survey of lot No 57, Horse Shoe Claim
I President that claimant

Nicholas S. Davis
Deputy U.S. Mineral Surveyor

Notice

Horse Shoe Mine

Copper Mountain Mining District
 Territory of Arizona
 County of Apache

In order to more fully comply with the Mining Laws of the United States in reference to locating claims with reference to some natural and permanent object, I have this 24th day of June A.D. 1880, relocated this lode or deposit of Copper bearing ore, commencing at a cedar post set in a mound of stone and marked "N. end Coronada claim" from which the junction of a ravine from the N. with the S. branch of "Emin Canyon" bears S 37° W distant about 300 fms, a cliff of rock 20 fms high with cedar tree on top bears S 72° W distant 125 fms a cliff of rock 40 fms high with small pine tree on top bears N. 66° E distant about 350 fms, a mountain peak known as "Horn Peak" bears S 81° W distant about one mile, thence S 75° W along the cropping of the lode.

a distance of 1450 feet to a monument of
stone, marking the East end of the
"Boulden" claim, together with 300 feet on
each side of the said Road or Deposit,
making the claim 1450 feet long by 600
feet wide.

The corners of this claim are marked
by mounds of stone, 3 feet high, I claim
on this location all the rights and privileges
guaranteed under the mining laws of the
United States

This claim shall be known as the
"Horseshoe"

~~Signed~~ J. Freudenthal
Locator

Attest

Ben. Michelson
Sam. Freudenthal
John Tomlin
Wm. R. M. Cornick

Copper Mountain Mining District

Territory of Arizona 3
County of Apache

I hereby certify, that
the foregoing certificate of location of
"Horseshoe" mining claim, was filed
for record in my office, on this 1st
day of July AD 1880, and duly
recorded at fol 148 of book "13" of mining
records of said district

J. G. Bennett
Recorder

FINAL OATHS FOR SURVEYS OF MINING CLAIMS ~~AND~~ MILL SITES.

A LIST of the 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 *Horse Shoe*

located in *Miner's Claim*
Copper Mountain Mining District, *Apache* County, Arizona, showing the respective capacities in which they acted.

John M. Moore Chainman.
Geo. W. Musgrave Chainman.
Hernando Madrid Axeman.
William Grant Flagman.

WE hereby certify that we assisted *Nicolas Davis*
U. S. Deputy Surveyor, in surveying *Horseshoe*
claimed by *W. A. Reudenthal*
located in *Copper Mountain* Mining District, *Apache* 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.

John M. Moore Chainman.
George W. Musgrave Chainman.
Hernando Madrid Axeman.
William Grant Flagman.

SWORN TO AND SUBSCRIBED before me this *20* day *September*
of *Sept* 188 *0*

Louis Smadbeck
Notary Public

I, *Nicolas Davis* U. S. Deputy Surveyor, do solemnly swear that, in pur-
suance of instructions from John Wasson, U. S. Surveyor-General for Arizona, bearing date the *23rd*
day of *July* 188 *0*, 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 *Horse Shoe*
claimed by *W. A. Reudenthal*
located in *Copper Mountain* Mining District, *Apache* 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.

Nicholas S. David, Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this *20* day
of *Sept* 188 *0*

Louis Smadbeck
Notary Public



AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, Wm M Corrick and John Toulin

of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the Horse Shoe

_____ mining claim, situate in Copper

Mountain Mining District, Apache County, Arizona

Territory, for which J. Freudenthal and _____

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 _____ grantor _____ exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

Wm M Corrick
John Toulin

TERRITORY OF ARIZONA, }
County of Apache } SS.

SWORN AND SUBSCRIBED before me this 16th
day of Sept 1885

Louis Inadbeck
Notary Public



U. S. Surveyor General's Office
Tucson, A.T., Nov. 5, 1880,

The foregoing field notes of
the survey of the Horse Shoe
Mining Claim, situated in
Copper Mountain Mining
District, Apache County,
Arizona, claimed by J. F. Holden
that, survey executed by
Nicholas S. Davis, U.S., under
instructions from this office,
having been critically ex-
amined and the necessary
corrections and alterations
made, the said field notes and
the survey they describe are
hereby approved.

John Masson.
Surveyor General.