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Lot No. 46.

White Hawk Mining Claim

Claimed by C. P. Crawford

Located in the Copper Mountain Mining
District, Yavapai County Arizona.

Surveyed March 20th 1875

Theodore F. White,
U.S. Deputy Surveyor.

Preliminary Oaths for Surveys of Mining Claims and Mill-Sites.

OATHS OF ASSISTANTS.

WE, Joe L. Yankee and Edwin Polk

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.

Joe L. Yankee
Edwin Polk

Sworn to and subscribed before me, this 18th day
of March 1875

O Bennett
Notary Public
Yavapai Co., Arizona

We Chas McShannon and A. M. Clay

do solemnly swear that ^{we} will well and truly perform the duties of Flagman and Opeman respectively according to instructions given ~~us~~ ^{ours} and to the best of ~~my~~ ^{our} skill and ability.

Charles McShannon
A M Clay

Sworn to and subscribed before me this 18th day
of March 1875

O Bennett
Notary Public
Yavapai Co., Arizona

White Hawk Mining Claim

Beginning at the S. W. cor. of the Claim which is on the E. side boundary of the First North Extension of the Metcalf Mine 4.78 chs. from the S. E. cor. of the latter in the direction of the line of the claim and is 55.96 chs. $S. 31^{\circ} 4' E.$ from the Initial Point of surveys in this vicinity marked in the surveys of the Little Annie Claim - a large rock at the junction of the East & Middle or Main branches of Chasis Creek This cor. is marked by a piñon tree 12 in. diam. which stands at the place of the corner with a mound of stone built around it.

from this tree
 A Piñon 7 in. diam. bears $S 37^{\circ} E.$ 111 lbs dist
 do 12 " " " $S 20^{\circ} E.$ 88 " "

Mark the corner and witness trees "W. H. M. Co No. I" From this cor. I run along the S. end of the Claim

$S 72^{\circ} 10' E.$ Var. $15^{\circ} 00' E.$ Per. Solar Compass.

Descend very steeply S. E. slope

0.70 Big rock on line putting down from the N.
 4.54 1/2 or 300 feet To center point on S. end of Claim marked by a monument of stones, replace it by a post 4 feet long 4 in. squared. set in the ground with a mound of stones built around it 2 feet high, from which

A Cedar tree 10 in. diam. bears $N. 13^{\circ} E.$ 106 lbs. dist.

" Piñon " 12 " " " $N. 15^{\circ} 1/2 E.$ 99 1/2 " "

Mark post & trees "W. H. M. Co No. II"

5.50 Top of ridge extending S. E. and descend N. E. slope

6.10 Trail bearing $S. W. + N. E.$

7.09 or 600 feet To S. E. cor. of Claim, marked by a monument of stones, replace it by a post 4 ft. long 4 in. squared. set in the ground with a mound of stones built around it 2 feet high. from which

An Oak 5 in. diam. bears $S 67^{\circ} 1/4 E.$ 67 lbs dist

do 5 " " " $S 35^{\circ} 30' E.$ 61 " "

Mark post & trees "W. H. M. Co No. III"

From this S. E. cor. of the Claim. I run along the E. boundary of the Claim

$N. 17^{\circ} 50' E.$ Variation Same

White Hawk Mining Claim

This line runs along E slope immediately overlooking the E fork of Chase's Creek.

- 3.31 Barrow running S. E.
- 4.25 do do
- 7.00 Top of ridge extending E.
- 10.35 Barrow running E
- 14.00 Top of ridge bearing E.
- 17.00 Gulch running S. E.
- 22.40 Point of rock on West
- 22.72 1/2 or 1500 feet To N. E. cor of Claim, marked by a monument of stones, which I replace by a post 4 ft. long squared 4 in. set in the ground with a mound of stones built around it 2 ft. high from which
 A Cedar 5 in. diam bears S. 21 1/2 W 74 lks dist
 do 6 " " " S 81 E 137 " "
 Mark post and trees "H. H. M. C. No IV"

From this N. E. cor I run along the N. end of Claim
 N 72° 10 W. Bar. 14° 45' E. Per Solar Compass.

Ascending steeply

- 0.41 Rocky point on line to South
- 11.54 1/2 or 300 feet To Centre point on N. end boundary marked by a monument of stones, which I replace by a post 4 ft. long 4 in. squared set in the ground with a mound of stones built around it 2 feet high from which
 A Cedar 6 in. diam bears S. 86 1/2 E. 85 lks. dist
 do 10 " " " S 6 1/2 W 259 " "
 Mark post and trees "H. H. M. C. No V"
- 7.09 or 600 feet To N. W. cor of Claim marked by a monument of stones, which I replace by a post 4 feet long 4 inches squared set in the ground with a mound of stones built around it 2 feet high from which
 A Piñon 8 in diam. bears S 29 W 230 lks dist
 do 7 in. " " " S 62 1/4 E 132 " "
 Mark post and trees "H. H. M. C. No VI"

From this N. W. cor I run along the W. side boundary of Claim

S 17° 30 W. Bar 15° E. Per Solar Compass.

Along E. slope

White Hawk Mining Claims

4.78 The S. E. cor of the First North Extension of the
Metcalf Mine
15.71 Pass over rocky points to right
17.75 Rocky points on right
18.25 do do
20.30 do do
22.34 Large rock just E. of line
22.72 1/2 or 1500 ft to S. W. cor of Claim - the place of beginning
The Claim contains 20 ⁶⁶/₁₀₀ Acres.

Measurements of work done on the Claim.
From the Center monument on the N. end of the
Claim I run along S 40 1/2° E 3.05 chs to mouth
of cut 26 1/2 ft. long 4.62 ft wide and 11.22 feet high
at back. At the end of the cut is started a tun-
nel which extends into the ledge 17.82 feet long
6 feet high, & 4.62 feet wide. From the mouth of this
Cut I run S 7° W. 7.40 chs to mouth of second cut.
run southwesterly into ledge 13.86 ft. long 4 ft wide
7.26 ft. high at back. From mouth of second cut
run S 87° W. 3.20 to mouth of 3^d cut run westerly
into ledge 13.20 ft. long 4 ft wide & 6.60 deep.

General Description &c

The White Hawk Mining Claim located in the
Copper Mountain Mining District Garapai Coun-
ty A. T. lies along the E. slope of high hill overlooking
the E. fork of Chasis Creek. It adjoins the First
North Extension of the Metcalf Mine on the west and
is 4.78 chs northerly from the N. end of boundary
of the Oriental Mining Claim and of the N. end
boundary of the Little Annie Claim produced.

The surface is steep broken and rocky particularly
along the South end of the N. boundary of Claim.
There is some little scattering timber in the vicinity -
Oxider and Piñon. The work on the Claim is done
in the cuts and tunnel described above. The ones are copper bearing.

And I hereby certify that the value of the improvements
on the claim is not less than five hundred dollars, and that
they were made by the claimant.

March 20th 1875
Theodor S. White, U. S. Dep. Surveyor.

Final Oaths for Surveys of Mining Claims and Mill-Sites.

LIST OF NAMES.

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 The White Hawk Mining Claim

located in The Copper Mountain mining district, Yavapai County, Arizona, showing the respective capacities in which they acted.

- Jas J. Yankie Chainman.
- Edwin Polk Chainman.
- A. M. Clay Axeman.
- Charles M. Shamon Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Theodore F. White
 U. S. Deputy Surveyor, in surveying the lands of the
"White Hawk" Mining Claim
 claimed by G. J. Crawford
 located in The Copper Mountain mining
 district, Yavapai County, and in Township No. _____
 Range No. _____, of the _____ 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.

- Jas J. Yankie Chainman.
- Edwin Polk Chainman.
- A. M. Clay Axeman.
- Charles M. Shamon Flagman.

Sworn to and subscribed before me this 27th day
of March 1875

Cornelius Bennett
Notary Public
Yavapai Co., Arizona

FINAL OATH OF DEPUTY SURVEYOR.

I, Theodore F. White U. S. Deputy Surveyor do solemnly swear that, in pursuance of instructions from John Wasson, U. S. Surveyor-General for Arizona, bearing date the twick day of Feb ruary 1875 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 White Hawk Mining claim

claimed by Le P. Crawford located in Copper Mountain mining district, Yavapai County, and in Township No. _____ Range No. _____ of the

base and meridian, 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.

Theodore F. White
Deputy Surveyor.

Sworn to and subscribed before me this 27th day of March 1875

Cornelius Bennett
Notary Public
Yavapai Co. Arizona

U. S. Surveyor General's Office
Tucson, A.T. May 17. 1875.

The foregoing field notes of the survey of the White Hawk Mining Claim, situated in Copper Mountain Mining District Yavapai County, Arizona, and claimed by C. P. Crawford, survey executed by Theodore S. White, D.S., under instructions from this office, having been critically examined, and the necessary corrections and explanations made, the said field notes and the survey they describe are hereby approved.

John Masson
Surveyor General.
