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# POOR QUALITY

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Lot No. 45.

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First North Extension of the Mitealp  
Mining Claim

Claimed by Chas. M. Shannon

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

Surveyed March 20, 1875

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

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

**OATHS OF ASSISTANTS.**

WE, Jos T. Yankie 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.

Jos T Yankie  
Edwin Polk

Sworn to and subscribed before me, this 19<sup>th</sup> day  
of March 1875

Cornelius Bennett  
Notary Public  
Yavapai Co. Arizona

WE, Chas M Shannon and A. M. Clay  
do solemnly swear that ~~I~~<sup>we</sup> will well and truly perform the duties of Flagman  
and Axeman respectively according  
to instructions given ~~me~~<sup>us</sup>, and to the best of ~~my~~<sup>our</sup> skill and ability.

Charles M Shannon  
A M Clay

Sworn to and subscribed before me this 19<sup>th</sup> day  
of March 1875

Cornelius Bennett  
Notary Public  
Yavapai Co. Arizona

# First North Extension of the Mitcalf Mine

Beginning at the S.W. cor. of the Claim which  
 cor is on the N. end boundary of the Little Annie  
 Mining Claim popularly known as the "Mitcalf  
 Mine" One hundred feet from the N. E. cor of said  
 Little Annie Claim, and 49.78 chs,  $N. 22^{\circ} 13' E$  from the  
 confluence of the East and Middle Fork of Chase's  
 Creek, from the large rock marked in the survey of  
 the Little Annie Claim as the Initial Point of  
 surveys in this vicinity. This S.W. cor of the First  
 North Extension of the Mitcalf Mine is marked by a  
 monument of stones which I replace by post 4 feet  
 long 4 in squared set in the ground with a mound  
 of stones built around 2 ft. high, from which  
 A Pinon 8 in diam bears  $S 10^{\circ} 3/4' E$  80 lks dist.  
 This tree is a witness to the center end monument  
 of the Little Annie Claim and is marked for that  
 L. A. M. C. No. 14. I do not put any additional  
 marks on it. Mark post F. N. Ex. M. M. C.; No. 1"

From this S.W. cor of Claim I run along the  
 S. end boundary and along the N. end bound-  
 ary of the Little Annie Claim  
 $S 72^{\circ} 10' E$  Variation  $15^{\circ} 05' E$   
 Per Solar Compass.

0.90 Little Ravine running S.W.  
 Ascending  
 4.54 1/2 To center point on S. boundary 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 large rock in a ledge of rocks bears  $S 61^{\circ} 1/2' E$  84 lks dist  
 Mark post and face of rocks F. N. Ex. M. M. C. No. II  
 9.09 To S. E. cor of the Claim which is 100 feet  $S 73^{\circ} 10' E$   
 from the N. E. cor of the Little Annie Claim  
 This 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 Pinon 10 in diam bears  $S 19^{\circ} 3/4' W$  115 lks dist  
 An Oak 5 " " "  $S 32^{\circ} W$  135 " "

These trees are also the witness trees to the N. E. cor. of the Little Annie Claim and are so marked. I put no additional marks on them. Mark post "F. N. Ex. M. M. Co. No. III"

From this S. E. cor. I run along East side of Claim N 17° 50' E Same Variation Ascend steeply

- 4.78 Monument marking the S. W. cor of the White Hawk Mine - A Pinon tree with mound of stones around it.
- 5.16 Large rock just E. of line
- 7.20 Rock point on left
- 8.25 do do
- 9.75 do do
- 11.80 Pass over rocky point to left Pass along very steep and rocky E. slope, a short distance E. of the top of the ridge.

Variation along here

22.72 1/2 or 15.00 feet to N. E. cor of Claims, 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 <sup>built</sup> around it 2 feet high from which

A Pinon 10 in. diam	bears N 5 1/4 W	61 lbs dist.
do 6 " "	" " N 24 1/2 E	50 lbs "

Mark the post and tree "F. N. Ex. M. M. Co. No. IV"

From this N. E. cor. I run along the N. end of Claim N 72° 10' W Var 15° E. Per Solar Compass Ascend steeply

- 3.33 Top of ridge bearing N. & S. & descend
- 4.54 1/2 or 3.00 ft to centre on N. 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 Pinon tree 12 in diam. bears S 35 3/4 E. 364 lbs dist.
- Mark post and tree "F. N. Ex. M. M. Co. No. V"

9.09 To N. W. cor of Claim, marked by a monument of

Stones, replace it by a post 4 feet long 4 in square set in the ground with a mound of stones built around it 2 feet high, from which  
 A Cedar 5 in diam bears S 33 1/2° 65th dist.  
 A Juniper tree 6 in " " S 76 1/2° 94 " "  
 Mark post and trees "F. N. Ex. M. M. Co. No VI"

From this N. W. cor. I run along W. side of  
 Claim  
 S 175° 3/4 Var 15° 20' E  
 Per. Solar Compass.

Ascend S. Slope

10.32 Top of high ridge extending Northwesterly  
 and descend S. W. slope

14.88 Trail bearing S. W. & N. E

Descend steeply

22.7 1/2 To S. W. cor. of Claim, - the place of beginning  
 The Claim contains 20 <sup>6</sup>/<sub>100</sub> Acres.

Measurement of the work done on the Claim.

From the N. W. cor. of Claim, run S 25° 40' E 2.12  
 chs. to mouth of open cut run northeasterly into  
 ledge 19.14 feet long, 4.62 ft. wide and 5.94 ft.  
 high at back.

From a point on the W. boundary of the  
 claim 10.56 chs. from the N. W. cor. I run S 61 1/2° E  
 106 chs to mouth of cut, run northeasterly into ledge,  
 This is excavated in steps, the first step is 25.74  
 feet long, then there is a descent of 3.96 ft to  
 second step, which is 5.94 feet long then a de-  
 scent of 2.64 ft to 3<sup>rd</sup> step which is 3.30 feet  
 in length, then a descent of 7.26 to bottom of  
 shaft at end; the depth of the shaft is 21.12 from  
 surface and 7.26 high, and both shaft and  
 cut are 4.62 ft. wide

General Description etc.

This Claim - the Fresh North Extension of the  
 Met. call Mine located in the Copper Mountain  
 Mining District Garapai County A. T. lies along  
 a ridge bearing a N. & S. direction and crossing a

ridge extending from this Northwesterly and overlooks the Middle or Main Fork of Chase's Creek. It adjoins the Little Annie or Mitcalf Mine on the south end and the location known as the "White Hawk" on the East.

The ores of the Mine are copper bearing. There is some little scattering timber - pine & cedar - in the vicinity. The surface on the S. end and along the E. side is very broken. The work done on the mine is in a cut near the N. end and in a cut and shaft near the centre, as described above. and I hereby certify the value of the improvements on the claim is not less than five hundred dollars and that they have been made by the claimant.

March 20, 1875.

Theodore F. 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 First North Extension of the Metcalf Mining Claim located in the Copper Mountain mining district, Yavapai County, Arizona, showing the respective capacities in which they acted.

- Jos J. Rankin Chainman.
- Edwin Bolt Chainman.
- C. M. Clay Axeman.
- Charles M. Shannon Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Theodore F. White U. S. Deputy Surveyor, in surveying the lines of the First North Extension of the Metcalf Mining Claim claimed by Chas. M. Shannon 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.

- Jos J. Rankin Chainman.
- Edwin Bolt Chainman.
- C. M. Clay Axeman.
- Charles M. Shannon Flagman.

Sworn to and subscribed before me this 27<sup>th</sup> day of March 1875

Cornelius Bennett  
Notary Public  
Yavapai Co., Arizona

## FINAL OATH OF DEPUTY SURVEYOR.

I, Theodore J. 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 11th day of February 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 First North Extension of the Mescal Mining Claim claimed by Chas. M. Shannon located in the 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 J. 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, Ar. May 17, 1845.

The foregoing field notes of the survey  
of the First North Extension of the Met-  
calfe Mining Claim, situate in Copper  
Mountain Mining District, Yavapai County,  
Arizona, and claimed by Charles W.  
Shannon, survey executed by Theodore  
F. White, D. S. under instructions from  
this office, having been critically ex-  
amined, and the necessary corrections  
and explanations made. The said field  
notes and the surveys they describe are  
hereby approved.

John Wasson  
Surveyor General