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Pat. No. 43.

Little Annie Mining Claim

Claimed by C. P. Crawford

Located in the Copper Mountain Mining
District Yavapai County A.T.

Surveyed March 18, 1875

Thos. F. White
Deputy Surveyor.

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

OATHS OF ASSISTANTS.

WE, Joe S 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 S 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

^{we} do solemnly swear that ~~I~~ will well and truly perform the duties of Flagman and Apemay respectively according to instructions given ~~me~~ 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

Little Annie Mining Claim

I start from a large granite rock which stands between the Main and East branches of Chase's Creek immediately at their junction, making this rock the initial point of surveys in this vicinity. I mark the upper face of this rock "I. Pt." and mark four witness trees as follows

	A Cotton wood	13 in. diam.	bearing S. 67 $\frac{1}{2}$ ° W.	65 lks dist.
	Oak	8 " "	" S 45 $\frac{3}{4}$ ° E	34 " "
	do	12 " "	" N 71 $\frac{1}{4}$ ° E	86 " "
chs.	do	13 " "	" N 29 $\frac{1}{2}$ ° E	111 " "

All of which trees I mark "I. Pt." From this initial point I run
N 32° 08' E

Var 14° 27' E

As per Solar Compass

23.22 To a point thence
N 31° 36' E

2.34 $\frac{1}{2}$ To a monument of stones on a large rock, which is the initial monument of the Little Annie Mining Claim and which stands at the center point on the south boundary of said Claim.

Calculating from the above a straight line joining the above established initial point and the Center Monument on the south boundary of said Claim has a bearing of N 32° 04' E and is 27.76 chs. in length. I mark the large rock at this point for the center of the South boundary of said Little Annie Claim cutting upon its upper face across & "L. A. M. C. No 1" From this

A Pinon tree 8 in. diam. bears N 41 $\frac{1}{4}$ ° E 32 lks dist.
do 8 in " " N 3 $\frac{1}{2}$ ° E 130 " "

Both of which trees I mark "L. A. M. C. No 1" From this point I run along the S. end of the claim S 72 $\frac{1}{10}$ ° E

Var 14 15° E

As per Solar Compass

3.22 To bluff of rock about 70 ft. high extending a short

Little Annie Mining Claim

dist. N + S.

4.54 1/2 Descend very steeply
or 300 ft. to the S. E. cor of the Little Annie
Mining Claim, marked by a monument of
stones, replace it by a post 4 ft long 4 in. square
set in the ground and a mound of stone built
around it two ft. high From which

A Cedar 15 in. diam. bears N 59 1/4 W. 17 lks dist.

do 15 in. diam. bes. S 35 1/4 W. 70 " "

Mark the post and trees L. A. M. C. No II

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

N 175 0 E Same Var.

3.30 Ravine running S. E.

6.75 Trail bearing S W + N E

17.60 Large rock on line

Along + just below on W. side of big rock bluff
extending N. + S

19.45 Point of rock

22.20 Ravine running S. W.

22.72 1/2 or 1500 feet to N. E. cor of the Claim marked
by a monument of stones, replace it by a post
4 ft long + 4 in. square set in the ground with
a mound of stone built around it two feet
high from which

A Pinon 10 in diam bears S. 35 E 188 lks dist.

An Oak 6 " " " S. 25 1/4 E 17 1/2 " "

Mark post and trees L. A. M. C. No. III

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

N 72 10 W. Same Var.

Descending

4.54 1/2 or 300 ft. to Centre point of W boundary marked
by a monument of stones; replace it by a
post 4 ft. long, squared 4 in. set in the ground
with a mound of stones built around it two feet
high, from which

A Pinon tree 8 in diam. bears N. 86 3/4 W 27 lks dist.

No other tree near

Little Annie Mining Claim

6.67 Mark post and tree L. A. M. C. No IV
Little ravine bearing S. W.

9.09 or 600 ft. to N. W. cor of the claim marked by a monument of stones, replace it by a post 4 ft. long, squared 4 in. set in the ground, with a mound of stone built around it 2 ft. high from which

An Oak tree 7 in. diam. bears S 58 3/4 W 164 lks. dist.

A Cedar tree 5 in. diam. bears N 7 1/2 W 219 " "

Mark the post and tree L. A. M. C. No V

From this N. W. cor I run along the W. side of claim S. 1750 ft.

Along steep W. slope overlooking Middle Fork of Chases Creek Var. 15.00 E. Per Solar Compass

5.72 Ravine running S. W.

7.00 Trail bearing S. W. & N. E.

7.11 Ravine S. W. & ascend

7.75 Top of ridge bearing S. W. & descend.

11.72 Ravine running S. W.

13.72 Top of ridge bearing S. W.

19.12 Ravine running S. W.

21.12 Ascend steep bluff of rocks extending short dist. E & W.

21.47 Trail bearing S. W. & N. E.

22.72 1/2 or 1500 ft. is S. W. cor. of claim, marked by a monument of stones; replace it by a post 4 ft. long, squared 4 in, set in the ground, with a mound of stones built around it 2 feet high, from which

A Pinon 11 in diam bears N. 74 3/4 E 54 1/2 lks dist

do 8 " " bears N. 50 E 26 " "

Mark post and tree L. A. M. C. No VI

From this S. W. cor of claim run along S. end S. 72 1/2 E " Var 14 30 E

Per Solar Compass

Ascending steeply
2.93 Bluff about 20 ft. high on line extending a short distance N & S.

4.54 1/2 or 300 ft to Centre point on S. boundary of claim

Little Annie Mining Claim

Chs. the place of beginning. The Claim contains
 $20 \frac{66}{100}$ Acres.

5.00 Measurements of work and improvements on the mine. From the Centre monument on the S. boundary of Claim run N 1750 E on centre line of Claim to a point, thence S 8751 W 1.05 chs. to centre of mouth of open cut, which runs easterly into the ledge, 28 feet long, 5.28 ft. wide & 7.26 ft. high at back face. At the end of this cut there is a cross cut started to the S. 6.60 ft. wide & 5.28 long. — This Cross cut was not made by Claimant — From centre of mouth of this open cut, I run S. 80.15° W 1.05 chs. to mouth of Second cut on the claim, which runs easterly 11.88 ft. to mouth of tunnel which latter extends in the same direction 23.76 ft. to ledge and is 5.94 ft. wide & 6.60 ft. high.

Note: all the courses in the foregoing survey are run from the true Meridian. There is much local attraction in this vicinity and the needle is utterly unreliable

General Description etc.

The Little Annie Mining Claim lies mostly on the west slope of high hill between the East and Middle Forks of Chasis Creek, Copper Mountain Mining District Yavapai County A. T. The surface is mostly steep and rocky. There are some scattering juniper and Cedar trees. The ore of the Mine are rich in copper carrying the carbonates and oxide of this metal, with more or less iron etc. The work on the claim has been done in an open cut and in a cut and tunnel the measurements of which are given above; and I hereby certify that the value of the work done on the mine is not less than five hundred dollars, and that it has been done by claimant.

March 18, 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 Little Annie Mining Claim

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

- Joe D. Rankie Chainman.
- Edwin Dolt Chainman.
- A. M. Clay Axeman.
- Charles W. 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
Little Annie Mining Claim
 claimed by C. J. Crawford
 located in 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.

- Joe D. Rankie Chainman.
- Edwin Dolt Chainman.
- A. M. Clay Axeman.
- Charles W. Shannon Flagman.

Sworn to and subscribed before me this 27 day
 of March 1876

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 9th 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 Little Annie Mining Claim

claimed by C. P. Crawford
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 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 Little Annie mining claim,
situate 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 expla-
nations made, the said field notes
and the surveys they describe are
hereby approved.

John Mason,
Surveyor General
