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LOT NO. 38 A

Field Notes

of the survey of the

Utta

Mining Claim

Situate in \_\_\_\_\_ mining district,

County of Prima and in Sec. \_\_\_\_\_, Tp. \_\_\_\_\_,

Range \_\_\_\_\_, of the Gila and Salt River Meridian,

ARIZONA.

Claimed by N. J. Farshaw

John Long and

Michael Dagan

Survey executed by Theodore J. White D. S.,

Under instructions dated November 28<sup>th</sup> 1876

Survey commenced January 8<sup>th</sup> 1877

Survey completed January 8<sup>th</sup> 1877

PRELIMINARY OATHS FOR SURVEYS OF MINING CLAIMS AND MILL-SITES.

WE J. W. Davis and John Long  
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 measur-  
ing, to the best of our skill and ability.

Sworn to and subscribed before me this Eight day  
of January, 1877

J. W. Davis  
John Long

John R. Farrell  
Notary Public.

I, we Michael Fagan and Charles Jerome  
do solemnly swear that ~~I~~ <sup>we</sup> will well and truly perform the duties of  
Assessor and Flagman respectively according  
to instructions given ~~me~~ <sup>us</sup> and to the best of ~~my~~ <sup>our</sup> skill and ability.

Sworn to and subscribed before me this Eight day Charles Jerome  
of January, 1877

Michael Fagan

John R. Farrell  
Notary Public.

Atta Mining Claim, Situate in Pima County Arizona

Field-Notes of Survey.

I commence at the N.W. corner of the claim, as described in notice of location of the claim, the same being marked by a stake in mound of stones. I replace this with a post 4 1/2 ft long, 4 in, squared, set in the ground 18 in and build a mound of stones around it 2 1/2 ft high. I mark the post "A.M.C., N.W., No I"

From this post  
An Oak tree 13 in diam. brs N 36 W. 192 lks. dist.  
do 14 " " S 78 3/4 E 127 " "  
I mark these trees "A.M.C., No I"

From this corner I run along the North boundary of the claim as follows:  
(I determine the course by running a trial line between the corners on the W. boundary)  
S. 57° 24' E. Var. 13° 33' E.

Lks. (As per Solar Compass)

- Ascend
- 1.75 Road to the Atta Mine, bearing E.
- 3.50 Ravine, running nearly West
- 6.00 Along S. side of road to Atta Mine
- 8.00 Leave road in ravine, bearing E. of S.
- 14.50 Top of ridge, bearing N & S, and descend
- 17.50 Down road to coal pits, bearing N. of E.
- 20.75 Gulch 10 lks wide running N. E.
- 21.50 do 12 " " N. into the other in a short distance N.
- 22.00 Road to coal pits, bearing S.
- 22.12 or 1460 ft. To the N.E. corner of the claim, marked by a stake in mound of stones. I replace this with a post 4 1/2 ft. long, squared 4 in. Set 18 in in the ground, and build a mound of stones around it 2 1/2 ft high. I mark the post "A.M.C., N.E., No II". From this
- An Oak tree 12 in diam. brs North 2 lks. dist.
- do " " " S 76 1/4 W. 20 " "

Alta Mining Claim, situate in Pima County, Arizona.

lks. Field Notes of Survey.

(Continued)  
I mark these trees "A.M.C.; No II."

Note: The length of the claim as marked off by the monuments, established by the locators, is seen above to be 40 ft. short of the length claimed in the notice of location.

From this N.E. cor. of the claim I run along the E. end as follows:  
S. 38° 30' W Variation as before  
Immediately cross road and gulch and ascend hill

9.09 or 600 ft. To the S.E. corner of the claim, marked by a post in md. of stones. I set a post 4 1/2 ft. long, squared 4 in. 1 ft. in the ground, and build a mound of stones around it 2 1/2 ft. high. I mark the post "A.M.C.; S.E.; No III"  
From this

An Oak tree 10 in. diam, brs N. 44 1/2° E 15 lks. dist.  
do 15 " " " N 42 W. 72 " "  
I mark these trees "A.M.C.; No III"

From this S.E. cor. I run along the S. boundary of the claim  
N 51° 24' W. Same variation  
Descend.

3.30 Ravine 20 lks wide at bottom, running N. and ascend  
12.00 Top of ridge extending N. and descend.  
15.00 Descent becomes steep.  
22.12 or 1460 ft. To the S.W. corner of the claim, marked by a post in md. of stones. I set a post 4 ft. long, squared 4 in. 1 ft. in the ground, and build a mound of stones around it 2 1/2 ft. high. I mark the post "A.M.C.; S.W.; No IV"

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Alta Mining Claim, situated in Pima County, Arizona

Field Notes of Survey.

(Continued)

From this corner

An Oak tree 12 in. diam. brs  $S 20^{\circ} 24' W$ . 66 lks. dist.

do. 15 " " "  $S 64^{\circ} 2' W 139$  "

Mark the trees "A M C; 76 IV"

From this S. W. corner I run  
along the W. end of claim as follows:  
 $N 35^{\circ} 36' E$  Same variation

Descend

- 0.55 Gulch with running water 5 lks wide, running N.E.  
1.09 Road to French Mine bearing S.W.  
Pass over low rise  
5.09 Road to French Mine, again, bearing S.  
6.60 Camp - small house, about 2 chs. East  
7.00 Same gulch 10 lks wide, running N.W.  
8.50 Road to Alta Mine, bearing S.E. This  
joins the French road a short distance  
to the North.  
9.09 or 600 ft. To the N. W. corner of the claim  
the place of beginning.  
The claim contains  $20 \frac{11}{100}$  acres.

Measurement of work done on claim:

From a point on the N. boundary  
of the claim 18 chains from the N. W.  
cor. I run  $S. 64^{\circ} 20' W$ . 703 chs to  
a shaft, thence South 45 lks. to an  
other shaft. - The first shaft is  
7 x 5 ft across, and descends ver-  
tically 28 ft.; then inclines North  
and descends 28 ft. further. From the  
bottom of the vertical portion, a drift  
extends west 7 ft. and another South  
6 ft. - The second shaft is inclined  
to the North, and is 5 x 4 ft. across and  
descends 32 ft. - Near the N. W. cor. of

Atta Mining Claim, situate in Pima County, Arizona

Field-Notes of Survey.

(Continued)

Claim, at the camp referred to in the notes is a small house built on the claim.

Lines Connecting Neighboring Claims.

From the S.W. corner of the Atta Mining Claim I run

N.  $78^{\circ}35'$  W. (Variation as before) 19.00 to the S.E. corner of the French Mining Claim, patent for which has been applied for.

From the N.W. cor. of the Atta Claim I run as follows:

- N.  $18^{\circ}\frac{3}{4}$  W. 1.29 chs. to a point, thence
- N.  $10^{\circ}$  E 14.50 " " "
- S.  $82^{\circ}50'$  E 10.00 " " "
- N.  $81^{\circ}20'$  E. 15.20 " " "
- N.  $75^{\circ}\frac{1}{2}$  E. 5.00 " " "
- S.  $59^{\circ}\frac{3}{4}$  E. 8.70 " " "
- S.  $63^{\circ}\frac{3}{4}$  E. 4.50 " " "
- N.  $22^{\circ}\frac{1}{4}$  E. 5.00 " " "
- N.  $68^{\circ}$  E 2.40 " " To the

S.W. corner of the French Mill Site Claim, for which patent has been applied for. This gives by calculation, a straight line connecting the N.W. corner of the Atta Mining Claim and the S.W. corner of the French Mill Site Claim, which bears N.  $69^{\circ}59'$  E. and is 49.88 chs. in length.

General Description:

The surface of the claim and surrounding, is hilly and rolling. Oak timber is abundant. Water is found in the gulch on the west end of the claim. The ores of the lead carry silver with

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Atta Mining Claim. Situate in Pima County, Arizona.

Field-Notes of Survey.

lead. The situation of the claim in reference to neighboring claims is shown in the foregoing notes. The amount of work and improvements on the claim exceed in value the amount of five hundred dollars.

January 8, 1877.

Theodore F. White  
U.S. Deputy Surveyor.



**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 \_\_\_\_\_

The Alta Mining Claim

located in Pima mining district \_\_\_\_\_ County, Arizona, showing the respective capacities in which they acted.

J. W. Davis Chainman.  
John Long Chainman.  
Michael Fagan Axeman.  
Charles Jerome Flagman.

We hereby certify that we assisted Theodore F. White

U. S. Deputy surveyor, in surveying The Alta Mining Claim

claimed by D. J. Harshaw, John Long, and M. Fagan.

located in \_\_\_\_\_ mining district, Pima 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.

J. W. Davis Chainman.  
John Long Chainman.  
Michael Fagan Axeman.  
Charles Jerome Flagman

SWORN to and subscribed before me this Ninth day of January 1877

John R. Farrell,  
Notary Public.

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 28<sup>th</sup> day of November 1876

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 Alta Mining Claim

claimed by D. J. Harshaw, John Long and M. Fagan

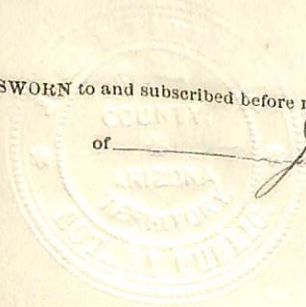
located in \_\_\_\_\_ mining district, Pima County, and in Township No. \_\_\_\_\_ Range No. \_\_\_\_\_

of the Gila and Salt River 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 Ninth day of January 1877

John R. Farrell,  
Notary Public.



"Alta Mine"

Notice is hereby given that we the undersigned citizens of the United States and residents of the County of Pima Territory of Arizona do locate and claim (1500) one thousand five hundred linear feet together with (300) three hundred feet on each side of this lode, ledge or vein of silver bearing ore and earth for mining purposes, under the mining laws of the United States and of the Territory of Arizona. Said lode or lead is situated in the County of Pima, Territory of Arizona and bounded as follows; Commencing at a monument of stones & stake on the East side of the road leading from the French mine Smelting works, in a cañon known as the "Cañada del Durazno" and about  $\frac{3}{4}$  of a mile South of said Smelting works; running thence East 1500 feet to a similar monument of stones upon which a copy of this notice is posted thence South 600 feet to a similar monument thence West 1500 feet to a similar monument thence North 600 feet to initial monument This mining claim to be known as the "Alta Mine"

Alta Mine, Pima Co  
October 17<sup>th</sup> 1876

E D. S. Harshaw,  
E John Long  
E M. Gagan

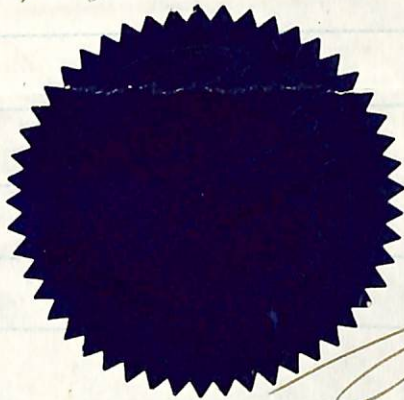
Filed and Recorded at request of D. S. Harshaw.

October 21<sup>st</sup> A.D. 1876 at 9 o'clock A.M.

Sidney W. Carpenter, Recorder  
Pima County A.T.

Territory of Arizona }  
County of Pima } ss.

I, Sidney W. Carpenter,  
County Recorder in and for said Pima  
County do hereby certify that the above  
and foregoing is a true, full and correct  
copy of the original notice of location of the  
"Alta" Mine as appears of record now in  
my office in Book B. Record of Mines,  
Page 460



In Witness whereof I have  
hereunto set my hand and af-  
fixed my official seal this  
twenty eighth day of Nov. A.D. 1876

Sidney W. Carpenter  
County Recorder  
Pima County  
Arizona

U.S. Surveyor General's Office  
Tucson Arizona February 16, 1877.

The foregoing field-notes of the  
Survey of the Alta Mining claim  
situate in Pima County, Territory  
of Arizona, claimed by N. J. Harshaw,  
John Song and Michael Dagan,  
Survey executed by Theodore F.  
White, Deputy Surveyor, under  
instructions from this Office  
dated November 28<sup>th</sup> 1876 having  
been critically examined and the  
necessary alterations and corrections  
made, the said field-notes and  
the survey they describe are her-  
by approved

John Masson.  
Surveyor General

PRELIMINARY OATHS FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, P. V. Coldwell and Sam<sup>l</sup> K. Van Pelt 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.

P. V. Coldwell  
Sam<sup>l</sup> K. Van Pelt

SWORN AND SUBSCRIBED before me this 4<sup>th</sup> day of September 1880.

George J. Roskrige  
Notary Public in and for  
Pima County, A. T.

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

F. D. Chadsey

SWORN AND SUBSCRIBED before me this 4<sup>th</sup> day of September 1880.

George J. Roskrige  
a notary Public in and  
for Pima County, A. T.



Field notes of location of U. S. Mineral  
Monument No 1 Harshaw District  
Pima County. A. T.

In pursuance of instructions from  
John Masson U. S. Surveyor General  
for Arizona, bearing date the 1<sup>st</sup> Sept  
1880

On the summit of the Hardshell  
Hill I set a post 8 feet long 12 inches  
in dia. and built around it a mound  
of stones 5 feet high and 7 feet at  
base. I mark the post U. S. M. M.  
No 1, H. D. (the letters are 3 inches in  
length and cut  $\frac{1}{4}$  of an inch deep.)

From which

Var 12.  $28^{\circ}$  E as per observation  
of Polaris.

An Oak Tree 16 in dia marked U. S. M. M.  
No. 1 bears N.  $38\frac{1}{2}^{\circ}$  E. 113 links dist.

An Oak Tree 12 in dia marked U. S. M. M.  
No. 1 bears S.  $67\frac{1}{2}^{\circ}$  E. 123 links dist.

An Oak Tree 10 in dia marked U. S. M. M.  
No. 1 bears N.  $81\frac{1}{2}^{\circ}$  W 65 links dist.

The office on the Hermosa mine  
bears S  $35^{\circ} 40'$  E. 17, 63 ch. distant.

High Peak South of the American mine  
bears S  $43^{\circ} 35'$  W about  $1\frac{1}{2}$  mile dist.

Main shaft on the Salvador mine  
bears S  $29^{\circ}$  W  $\frac{1}{4}$  mile dist. across  
deep ravine.

Initial monument of the Hardshell  
Mining Claim and Eastern Extension  
Hardshell bears S  $49^{\circ}$  E. 108 links  
distant.

### General description

The Hardshell Hill on which U. S.  
M. M. No. 1 is erected, is situated  
in the centre of a famous group of  
mining claims in the Harshaw  
Mining district, Pima County, A. T.

and is well known from its close proximity to the celebrated Hermosa mine from which it is distant about  $\frac{1}{4}$  of a mile north west.

4<sup>th</sup> Sep 1880 -

George J. Roskrige  
Mt. DePue Mine Surveyor

Field notes of the line run to connect the Alta Mining Claim, Lot No. 38, A, with U. S. Mineral Monument No. 1, Harshaw Mining District, Pima County, Arizona.

I commence at the S. E. cor of claim at post, in mound of stones, marked A. M. C. S. E. No. 111 with two bearing trees as described in the field notes of the survey of said claim made by J. F. White U. S. Deputy Mineral Surveyor on the 8<sup>th</sup> January 1877-

From post No. 111

I run  
 $55^{\circ} 20' E$

Var  $12^{\circ} 28' E$ , as per observation of Polaris -

Chs  
 34.57  
 2281.62

To U. S. Mineral Monument No. 1 Harshaw District, situated on the summit of the Hardshell Hill

George J. Roskrige  
 U. S. Deputy Min. Surv

H Sept<sup>r</sup> 1880



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 *Lines run to connect the Alta mining Claim Lot n<sup>o</sup> 38 A and Alta mill site Lot n<sup>o</sup> 38 B with U. S. mineral monuments n<sup>o</sup> 1 and 2 located in Harshaw* Mining District, Pima County, Arizona, showing the respective capacities in which they acted.

*P. V. Coldwell* Chainman.  
*Sam<sup>l</sup> K. Van Pett* Chainman.  
*F. D. Chadsey* } Axeman.  
 Flagman.

WE hereby certify that we assisted *George J. Roskrug* U. S. Deputy Surveyor, in surveying *the lines run to connect the Alta mining Claim Lot n<sup>o</sup> 38 A and Alta mill site Lot n<sup>o</sup> 38 B with U. S. mineral monuments n<sup>o</sup> 1 and 2 claimed by D. J. Harshaw, John Long and M. Fagan located in Harshaw* Mining District, Pima 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.

*P. V. Coldwell* Chainman.  
*Sam<sup>l</sup> K. Van Pett* Chainman.  
 Axeman.  
*F. D. Chadsey* Flagman.

SWORN TO AND SUBSCRIBED before me this *6<sup>th</sup>* day  
 of *September* 1880

*George J. Roskrug* a notary  
 Public in and for Pima Co. A. T.

I, *George J. Roskrug* U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from John Wasson, U. S. Surveyor-General for Arizona, bearing date the *1<sup>st</sup>* day of *September* 1880, 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 *lines run to connect the Alta mining Claim Lot n<sup>o</sup> 38 A and Alta mill site Lot n<sup>o</sup> 38 B with U. S. mineral monuments n<sup>o</sup> 1 and 2 claimed by D. J. Harshaw, John Long and M. Fagan located in Harshaw* Mining District, Pima 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.

*George J. Roskrug* Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this *15<sup>th</sup>* day  
 of *Sept<sup>r</sup>* 1880

*John R. Faull*  
 Notary Public.