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LOT NO. 65

Field Notes.

of the survey of the

Silver Plume
Mining Claim

Situate in Tombstone mining district

County of Pima and in Sec. 23, Tp. 205

Range 23E, of the Gila and Salt River Meridian.

Arizona.

Claimed by

W. A. Rafferty et al.

Survey executed by

A. G. Love

D. S.

Under instructions dated

January 24,

1881

Survey commenced

January 27,

1881

Survey completed

January 28,

1881

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

WE, Lawrence Nordhoff and Belden F. Culver,

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.

Lawrence Nordhoff
Belden F. Culver,

SWORN AND SUBSCRIBED before me this 27th

day of January 1881.

Henry G. Howe,
Notary Public, Pima
Co. A.T.



I, Lawrence Nordhoff

do solemnly swear that I will well and truly perform the duties of Person —
as well as Chairman, according to instructions given me, and to the best of my skill and ability.

Lawrence Nordhoff

SWORN AND SUBSCRIBED before me this 27th

day of January 1881.

Henry G. Howe
Notary Public,
Pima Co. A.T.



Field Notes
of the Survey of the
Silver Plume Mining Claim

Tombstone Mining Dist

Pima County,

A. T.

Surveyed by.

A. G. Howe,

U. S. Deputy Surveyor

under instructions from the
Surveyor General bearing date
of January 24th / 1881

Survey commenced

January 27th / 1881

Survey completed.

January 28th / 1881.

Lawrence Nordhoff. } chairman,
Belden F. Culver. }

Lawrence Nordhoff, acting as
Spreman.

Lot No. 65

Field Notes of the Survey of
the Silver Plume Mining Claim,

Adjustment of Instrument.

(A New Improved Solar Transit, 5
inch needle, adjustable center,
extension tripod manufactured to
order by W and L. C. Gurley,

No 25. 4) January 26th, 1881

I set Instrument in careful adjustment
over the Brass point in stone set and
established by Messrs M Kelleher
and Geo J. Roskrige, Deputy Surveyors,
and sighting to the center of Post
in monument on Lucky Cuss Hill
and known as U.S. M.M. No 2.

I carefully turned off the variation,
which I found, to be -

0 or $11^{\circ} 15' E$

January 27th, 1881

Commencing at the Initial mon-
ument being a Stake 3×4 " - 5 ft long
in monument of stone. Stake

marked S.P. M.C. No 1, from which
U.S. M.M. No 2, bears $N 18^{\circ} 25' W$
with a variation $11 15' E$ and,

4075. ft distant.

A Shaft, 4×5 ft 27 ft deep bears $S 35^{\circ} 30' E$
157 ft.

Then run $N 40^{\circ} 50' E$.

Var $11 15' E$

119 ft. a shaft 4×5 ft 12 ft deep, at right angles to
line 24 ft distant to right. at

144. ft. another shaft 4×6 ft 7 ft deep at right
of line 24 ft distant. at

210. gulch drains $N 15' W$. at,

276. feet, find a north center end stake in
monument of stone, Stake 3×4 " and
five feet long, marked S.P. M.C. No 2

Then run,

N 70° 22' W -

for 11° 15' E at

- 33. ft to gulch drains N 10° W.
- 200. ft to top of ridge, bears N 20° W.
- 248. ft find 3x4" stake 5 ft long in monument of stone, and marked S.P.M.C. No 3.

Then run,

S 20° 21' W

for 11° 15'

- 245 ft. gulch drains drains N.W. at,
 - 675 ft. a shaft 4x6 ft 60 ft deep at right of line - at,
 - 75 ft. distant, at,
 - 965 ft. ravine drains N.W. at,
 - 1145 ft. gulch drains North, at,
 - 1228 ft. find stake 3x4" 5 ft long in monument of stone, stake marked S.P.M.C. No 4.
- Thence,

S 70° 22' E.

for 11° 15' E

- 70 ft. a gulch drains North, at
 - 1248. ft. find a stake 3x4" 5 ft long in monument of stone, stake marked, S.P.M.C. No 5.
- For south center end monument,
From this point a shaft on incline 4x6 ft. and 10 ft deep, and cut 5x6 ft and 30 ft deep east and west, west end of cut bears.

N 48° 15' E

for 11° 15' E

- 136. ft distant,

Then I run from the South center end stake

S 70° 22' E

for 11° 15' E

- 190. ft. and set a stake 3x4" 5 ft long in monument of stone, stake marked S.P.M.C. No. 6,

Thence I run,

N 19° 30' E

for 11° 15' E

250. ft. to top of ridge slopes West.
 550. ft. small ravine drains north west.
 700. ft. top of ridge slopes North west.
 850. ft. Ravine drains " "
 1018. ft. a monument in line being the
 north west corner of the Side Wheel M
 ining Claim, and also the South
 west corner of the Waubesa Mining
 Claim.
 1230. ft. set stake 3x4"-5ft long in monum-
 ent of stone. stake marked S.P.M.C.
 No 7.
 Thence. I run.
 N 70° 22' W
 Bar 11° 15' E
 175. ft. to the north center end stake and
 place of beginning.

Containing 12 $\frac{132}{1000}$ Acres.-

General Description.

The Silver Plume Mining Claim
 is situated South of the Grand Central
 Mine 1 mile, and lays on the west
 slope of Military Hill, and is bound-
 ed by the following Mining Claims
 on the north by the Emerald, on the
 West by the Hidden Treasure, on the
 South by the Rattling Boy, and on
 the east for 1018 ft. by the Side Wheel
 Mining Claim and the remainder
 of the east side by the Waubesa
 Mining Claim. The work done
 upon this claim consists of various
 shafts, Incline and winze as men-
 tioned in the foregoing field notes,
 And I estimate the amount of
 work on this claim could not be
 done for less than seven hundred
 and fifty Dollars. The accompanying

Samples of Ore were taken from
the shaft near the Initial
monument. The Plat accompanying
shows the topography of the claim. :-

Most respectfully

Henry G. Howe

U.S. Deputy Surveyor.

W. A. Rafferty et al.

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 Silver Plume Mining Claim, located in Tombstone, Mining District, Pima County, Arizona, showing the respective capacities in which they acted.

Lawrence Nordhoff, Chainman and Axeman
Belden F. Culver, Chainman
_____, Axeman
_____, Flagman

WE hereby certify that we assisted H. G. Howe, U. S. Deputy Surveyor, in surveying The Silver Plume Mining Claim, claimed by W. A. Rafferty and others, located in Tombstone, Mining District, Pima County, ~~Township No. _____ Range No. _____~~ of the Gila and Salt River base and meridian,

and that said Survey has been in all respects, to the best of our knowledge and belief, well and truly conducted, and the boundary monuments planted according to the instructions furnished by the Surveyor-General.

Lawrence Nordhoff, Chainman
Belden F. Culver, Chainman
Lawrence Nordhoff, Axeman
_____, Flagman

WITNESSED AND SUBSCRIBED before me this 28th day of January, 1881.

Henry G. Howe,
Notary Public.

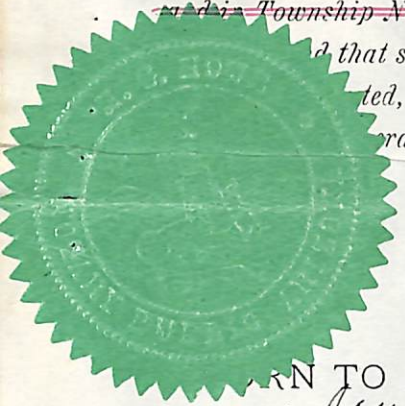
I, Henry G. Howe, U. S. Deputy Surveyor do solemnly swear that, in pursuance of instructions from John Wasson, U. S. Surveyor-General for Arizona, bearing date the 24th day of January, 1881, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General and the laws of the United States, surveyed all those portions of The Silver Plume Mining Claim,

claimed by W. A. Rafferty and others, located in Tombstone, 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.

H. G. Howe, Deputy Surveyor.

WITNESSED AND SUBSCRIBED before me this 28th day of January, 1881.

W. A. Harwood,
Notary Public.



AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, Belden F. Culver and J. P. Welles
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with
the Work done on the Silver Plume
_____ mining claim, situate in Tombstone
_____ Mining District, Pima County, Arizona
Territory, for which Wm. Rafferty and others,
have 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 their grantor exceed Five Hundred Dollars in value, and further that we are
not personally interested in said mine.

Belden F. Culver
J. P. Welles

TERRITORY OF ARIZONA, }
County of Pima } SS.

SWORN AND SUBSCRIBED before me this 29th
day of January 1887.

G. H. Howe,
Notary Public,
Pima County, A. T.



Silver Plume Mining Claim,

Notice. The undersigned present owners of the Mine located and known as the Silver Plume Mine situated in Tombstone Mining District Pima County Arizona Territory. located April 24th 1878. A copy of a notice of which location was recorded in Book "C" Records of Mines of Pima County Page Three Hundred and Seventy Six (376) and filed for Record June 22nd 1878. to which reference is hereby made for greater certainty, being desirous of obtaining a patent for said Mine And as a preliminary step thereto wishing to have an Official Survey made thereof by a Deputy United States Mineral Surveyor, and the original notice of said location not being sufficiently definite by reference to some natural object or permanent monument, as would identify the claim, and the amended notice of May 8th 1880, Recorded May 12th 1880. in the office of the County Recorder of Pima County, Arizona Territory, in Book "H" of records of locations of Mining Claims at Page 261. - not being correct by reason of the monuments of the north-east and south-east corners of said claim having been by some person ^{or persons} or persons to the undersigned unknown, moved subsequent to the location and prior to the survey about to be made as set forth in the amended notice of location,

said North east corner monument instead of being 218 feet from the center of the vein of said Mine in an Easterly direction should have been 175 feet in direction from said vein, and the said South east corner monument instead of being 218 feet in an Easterly direction from the center of said vein, should have been 190 feet therefrom.

This notice is now made to be placed upon said Mine and recorded, in order to supply in the record of said Mining Claim said error of description.

The said Silver Plume Mining Claim is described as follows:

Commencing at this the Initial monument which stands in a prominent place near the North end of Claim, and where a copy of this notice is posted, A Stake in monument of Stone 4 ft at base and 3 feet high, stake marked T.M. S.P.M.C. No. 1. Thence with a variation of $170^{\circ}3'E$

U.S. Mineral Monument No. 2. "Lucky Cuss" Hill bears $N 13^{\circ}15'W$ 4074 feet distant, from Initial monument
~~thence~~ ~~run~~ $N 41^{\circ}E$, 276 feet, to the North center end stake, in monument of stone, stake marked S.P.M.C. No. 2. This being the North center end stake, I make this the starting point for describing the boundaries of this claim, from stake

No 2. - $N 70^{\circ} 10' W$ 248 feet to stake in monument
of stones, stake marked S.P.M.C. No. 3. Thence $S 21^{\circ} 15' W$
1228 feet, to a stake in monument of stone, stake
marked S.P.M.C. No 4, thence $S 70^{\circ} 10' E$ 248 feet, to stake
in monument of stone, stake marked S.P.M.C. No 5,
thence $S 70^{\circ} 10' E$, 190 feet to stake in monument of
stones, stake marked S.P.M.C. No. 6. Thence $N 20^{\circ} 35' E$
1229 feet to stake in monument of stone, stake
marked S.P.M.C. No 7, Thence $N 70^{\circ} 10' W$, 175 feet, to
Stake No 2 and place of beginning, for Survey of
the Exterior boundaries of this claim.

This notice is placed upon said Silver Plume
Mine this 25th day of November A.D. 1880,

W. A. Rafferty, $\frac{10}{10}$.
A. P. Perrine, $\frac{20}{10}$.
S. M. Whiteside, $\frac{10}{10}$.

Robert Asano, $\frac{10}{10}$.
R. E. Lightburne, $\frac{10}{10}$.

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Amended
Notice of location
of Silver Plume
mine.

RECORDERS OFFICE,
TUCSON, PIMA CO. A. T.

Filed and recorded
at request of
Farley & Pourroy
Dec 7th A. D. 1880,
at 2.30 P. M. in
Book I Rec Mines
Pages 446-47-48
Maupeuten
County Recorder.

U. S. Surveyor General's Office.

Tucson, Arizona, February 1881

The foregoing field notes of the survey of the Silver Plume
Mining claim situate in
the Tombstone Mining District, Pima
County, Arizona, claimed by W. A. Rafferty et. als.

survey executed by H. G. Howe Deputy
Surveyor, under instructions from this office, having been critically examined
and the necessary corrections and alterations made, the said field notes and
the survey they describe are hereby approved.

Sam Messer

Surveyor General.

