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LOT NO. 34 of B

Field Notes

of the survey of the

Homestake
Mining and Mill-Site claims.

Situate in Massayampa mining district,

County of Yavapai and in Sec. _____, Tp. 12 N,

Range 2 W, of the Gila and Salt River Meridian,

ARIZONA.

Claimed by Nathaniel Ross.

Survey executed by Henry S. Howe. D. S.,

Under instructions dated July 27. 187 8.

Survey commenced August 12. 187 8.

Survey completed August 12. 187 8.

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

WE, Augustus Ross, and Samuel Shull,
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.

Aug Ross
Samuel Shull

SWORN AND SUBSCRIBED before me this 14th

day of August 1878

C. H. Hake
Justice of the Peace

I, Julien Bausman
do solemnly swear that I will well and truly perform the duties of Flagman
and Axeman according to instructions given me, and to the best of my skill and ability.

Julien Bausman

SWORN AND SUBSCRIBED before me this 14th

day of August 1878

C. H. Hake
Justice of the Peace

Field Notes of the Survey of the

"Homestake Mining Claim" situated in
Assayampa Mining District, Yavapai County,
Arizona Territory, ^{Survey executed} by Henry G. Howe U.S. Deputy
Mineral Surveyor, August 12th, 1878. —

I find upon examination of the Tunnel and
croppings that the general course of the ledge
or claim is South 31° West.

I run ^{therefore} a line through the centre of the Claim
For Solar Compass $12^{\circ} - 35' E.$

- $S 31^{\circ} W.$ 47 ft. To face of Tunnel. 17 ft 4×6 ft.
680 ft. to top of Hill. Shaft 50 ft deep 4×8 feet bears $S 72^{\circ} W$
184 ft. distant.
1280 ft. Shaft 25 feet deep 4×5 ft bears $S 59^{\circ} E$ 30 feet distant
1500 ft. To end of claim. set an Oak Post 4×4 - 4 ft long
in ground 18 inches. surround by mound of stone 18 inches
high and 2 ft at base.

Homestake Mining Claim.

I begin at the Discovery stake, an oak stake in mound
of stone. situated at mouth of Tunnel on the northern
slope of ridge. from which I run.

For $12^{\circ} 35' E.$

- $N 59^{\circ} W$ 50 ft. to West Assayampa Creek 10 ft wide runs $N W.$
300 ft. set Pine stake. 4 ft long 4×4 inches. in ground 18
inches. surrounded by mound of stone 18 inches high $2\frac{1}{2}$
feet at base. Marked. No 1 H.S. M.C. for N.W. corner.
Thence. For $12^{\circ} 35' E$
- $S 31^{\circ} W.$ 25 ft. Base of Hill. bears E and $W.$ + West Fl. Creek flows West
160 ft. Fence, bears, $N.W.$ and $S.E.$
170 ft. Trail, bears, $N.W.$ and $S.E.$
1450 ft. Ravine, drains North.
1500 ft. set Oak Post 4 ft long 4×4 inches. in ground 18 inches
surround by mound of stone 18 inches high $2\frac{1}{2}$ ft at base
Marked. No 2. H.S. M.C. for S.W. corner
Thence. For $12^{\circ} 35' E$
- $S 59^{\circ} E$ 40 ft. Ravine drains North.
300 ft. Post centre of ^{end of} claim.
600 ft. set Oak Post 4 ft long 4×4 inches. in ground 18 inches.
surround by mound of stone 18 inches high $2\frac{1}{2}$ ft at base
Marked No 3. H.S. M.C. for S.E. corner.

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General Description of the Homestake Mining Claim,

Assayampa Mining District, Yavapai County, Arizona Territory

This claim is located about 1 mile N.E. of the Covered Bridge across the Assayampa Creek on the Patterson Road, and 1/2 mile N. of East of the Senator Quartz Mill, and on the top of the first high ridge east of the wagon road leading to the Jeff Davis Ranch. And runs as described in the accompanying field notes. From the Discovery Post along the ledge or vein is a cut 47 ft. long 15 ft. wide and average depth of 12 ft. The Tunnel of 17 ft 4 x 6 ft. shows a vein or quartz ledge of 3 ft 6 inches wide and stands very nearly perpendicular. The foot and hanging walls are of slate. The Ore from this tunnel assays, an average of twenty five (\$25.00) Dollars per ton in Gold. This tunnel has not been worked for the last 2 years. -

Shaft No. 1, is sunk on the vein or ledge and to the depth of 50 feet 4 x 8 ft. substantially timbered and is a working shaft. from the bottom of this shaft a cross cut has been run 16 feet east. not in ore but in search of a ledge or vein east of shaft. Another drift along the vein of 6 ft. starts from the bottom of shaft. the average width of pay streak throughout the depth of shaft is from 8 to 12 inches. and average assay twenty five (\$25.00) Dollars per ton in Gold.

Shaft No. 2, is 25 ft deep, 4 x 5 ft. the average width of pay streak is from 8 to 12 inches and of the same character of Ore as in tunnel and Shaft No. 1.

This Mining Claim, is well covered with Pine timber over the whole claim and on the South west portion are a few large Fir Balsams.

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 Home stake Mining -
Claims.

located in Hosozampa. mining district

Gavapai County, Arizona, showing the respective capacities in which they acted.

Augustus Ross. Chainman.

Samuel Shull, Chainman.

Jules Bausman, Axeman.

Jules Bausman, Flagman.

We hereby certify that we assisted Henry G. Howe -

U. S. Deputy surveyor, in surveying The Homestake Mining
Claims.

claimed by Nathaniel Ross.

located in Hosozampa mining

district, Gavapai 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.

A. M. Ross Chainman.

Samuel S. Shull Chainman.

Jules Bausman Axeman.

Jules Bausman Flagman.

SWORN to and subscribed before me this 14th day
of August 1878

A. J. Rate
Justice of the Peace

I, Henry G. Howe. U. S. Deputy Surveyor do solemnly swear that, in pursuance of instruc-

tions from John Wasson, U. S. Surveyor-General for Arizona, bearing date the 27th day of July 1878

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 Homestake -

Mining Claims

claimed by Nathaniel Ross - of Prescott, Ariz.

located in Hosozampa mining

district, Gavapai County, and in Township No. _____ Range No. _____

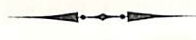
of the Gila and Salt River base and meridian, Arizona, as are represented in the foregoing field-notes as having been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the instructions furnished me, and that the foregoing are the true and original field-notes of such surveys.

Henry G. Howe.
Deputy Surveyor.

SWORN to and subscribed before me this 17th day
of August 1878

A. J. Rate
Justice of the Peace

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



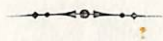
WE, Augustus Ross, and Samuel Schull,
do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability.

Aug Ross
Sam Schull

SWORN AND SUBSCRIBED before me this 14th

day of August 1878

A State
Justice of the Peace



I, Julien Bausman
do solemnly swear that I will well and truly perform the duties of Magman
and Assman according to instructions given me, and to the best of my skill and ability.

Julien Bausman

SWORN AND SUBSCRIBED before me this 17th

day of August 1878

A State
Justice of the Peace

Field Notes of the Survey of the Homestake Millsite Claim.

Situated in the Gassayampa Mining District Gavanpai County, Arizona Territory, Surveyed by Henry G. Howle, U.S. Deputy Mineral Surveyor. August 12th, 1878.

South.

I begin at the ~~North~~ West corner of said Millsite Claim where I set an Oak Post 4 ft long 4x4 inches in ground 12 inches surrounded by mound of stone at base 2 1/2 ft and 18 inches high.

Marked No 1 A.S. M.S. From which corner I run with Solor Compass - Var 12°35' E.

N 67° E 1200 feet along south slope of hills. set Oak Post 4 ft long 4x4 inches in ground 12 inches surrounded by mound of stone 2 1/2 ft at base and 18 inches high.

marked No 2, A.S. M.S. for north west corner claim. Thence Var 12°35' E

S 23° E 45 ft. West Gassayampa Creek, 10 ft wide runs S.W.

60 ft. Fence, bears Nth and South.

80 ft. Road, bears Est and W.

165 ft. Fence, bears Est and W.

175 ft. Set Oak Post, 4 ft long 4x4 inches in ground 12 inches surrounded by mound of stone 2 1/2 feet at base and 18 inches high.

marked No 3, A.S. M.S. for north east corner of claim.

Thence Var 12°35' E

S 67° W. 1200 ft. Set Oak Post 4 ft long 4x4 inches in ground 12 inches surrounded by mound of stone 2 1/2 ft at base and 18 inches high.

marked No 4, A.S. M.S. for South-east corner claim.

Thence Var 12°35' E.

N 23° W 25 ft. ditch, runs west.

90 ft. Road, bears Est and W.

135 ft. Gassayampa creek 10 ft wide runs West.

175 ft. To post No 1. the place of beginning.

From Post No 3. Post No 1 of Homestake Mining Claim bears N 47° 45' E 191 feet distant.

Area 4.82 Acres.

General description of the Homestake Mill site Claim.

This claim is situated N. West. of the Homestake Mining claim at the foot of the hill and runs South West. The Hossayampa Creek runs through the entire length of this claim. This claim is nearly covered with brush and trees, trees mostly cottonwood, along the creek are bunches of willow. The hills rise to the east and west of this claim. There are no indications of any mineral veins or ledges in this claim. The value of labor and improvements on the Homestake mining claims by the claimant or his grantors, exceeds five hundred dollars in aggregate.

Final Oaths for Survey 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 Homestake Mill site

located in Hosozampa mining district

Zavapai County, Arizona, showing the respective capacities in which they acted.

Augustus Ross, Chainman.

Samuel Shull, Chainman.

Julius Bausman, Axeman.

Julius Bausman, Flagman.

We hereby certify that we assisted Henry G Howe U. S. Deputy surveyor, in surveying The Homestake - Mill site

claimed by Nathaniel Ross

located in Hosozampa mining district,

Zavapai 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.

Augustus Ross, Chainman.

Samuel Shull, Chainman.

Julius Bausman, Axeman.

Julius Bausman, Flagman.

SWORN to and subscribed before me this 17th day of August 1878

C. H. Hale
Justice of the Peace

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 27th day of July 1878 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 Homestake

Mill site

claimed by Nathaniel Ross of Prescott, A. T.

located in the Hosozampa mining district,

Zavapai 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.

Henry G Howe
Deputy Surveyor.

SWORN to and subscribed before me this 17th day of August 1878

C. H. Hale
Justice of the Peace

Territory of Arizona. }
 County of Yavapai } ss.

Samuel L. Hull and George E. Brown of said County and Territory, being first duly sworn each for himself deposes and says, that he is well acquainted with the Homestake Mill-site claim, situated in Hassayampa Mining District, County of Yavapai, Territory of Arizona claimed by Nathaniel Ross, applicant for United States patent therefor, that he is well acquainted with the character of said described land, having frequently passed over the same, that his knowledge of said land is such as to enable him to testify understandingly with regard thereto, that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place, bearing Gold, Silver, cinnabar, lead, tin or Copper, or any deposit of coal, that there is not within the limits of said land in his knowledge, any placer, cement gravel, or other valuable mineral deposits; that no portion of said land is claimed for mining purposes under the local customs or rules of mines or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non mineral land, and that he has no interest in said Mill site,

Subscribed and sworn to before me this 30th day of September A.D. 1878, and I hereby certify that the foregoing affidavit was read

to the said Samuel S. Shull and George E. Brown, each, previous to their names being subscribed thereto, and that deponents are respectable persons, to whose affidavit full faith and credit should be given.

H. G. Howe. } Witnesses, Saml S. Shull
 Joakim Murcup } Geo. E. Brown

Spoon and subscribed to before me this 30th day
 of September A.D. 1878.
 A. O. Koyes J.P.

Notice of Location 14

of the Stone stake Ledge or Claim,
containing Gold and Silver, and located
as a Gold and Silver mine.

The undersigned claim for mining
purposes fifteen hundred (1500) feet
of this quartz ledge, in length along
the ledge or vein, and three hundred
(300) feet on each side of the middle
of the vein at the surface, together
with all the dips, spurs and angles,
and all valuable mineral deposits
contained therein, and all timber
growing within the limits of said
claim, and all water and water
privileges thereon or appertain-
ant thereto, under and according to
the provisions of an Act of Congress,
approved May 10th 1872, entitled "an
Act to Promote the development of
the Mining Resources of the United
States."

This claim commences at this
notice, which is posted in a con-
spicuous place at the mouth of
a tunnel in what is known as
Jeff Davis field. From oak stake in
center of monument. Thence S 71° E.

13
300 feet to monument. Thence S 19° West
1500 fifteen hundred feet to monument
at the foot of large Pine Tree. Thence
North 71° West 300 ft. to a large Pine Tree
on center of ledge, and on line; thence
N. 71° West 300 ft. to monument and near
the bed of dry stream; thence N. 19° East
1500 ft. fifteen hundred feet to monument
on ~~the~~^{N.} bank of creek; thence S. 71° East
300 feet to the place of beginning, and
shall be known as the Home Stake
Ledge or Claim.

Dated on the ground this Third day
of July, 1878.

Hassayampa Mining District,
County of Yavapai, Arizona Territory.
A. J. Reed

This for record at the request of Ed. W.
Hells, July 5th 1878, at 4 o'clock P.M.,
and duly recorded in Book 36 of
Mines, Records of Yavapai County
Arizona, at pages 536 & 537

William W. Thurston
County Recorder,
J. W. C. Foster,
Deputy.

Territory of Arizona }
 County of Yavapai } S.S.

I, William Wilkerson, Recorder of Yavapai County, in the Territory of Arizona, hereby certify the foregoing to be a true transcript of the Records of said County in Book 216 of Minutes at folios 536 & 537, relative to the Howestake lodge or claim.

Witness my hand and official seal this 8th day of July, A.D. 1878.

William Wilkerson
 County Recorder,
 by J. W. [unclear]
 Deputy.

U. S. Surveyor General's Office,
Tucson, Arizona, October 5, 1878.

The foregoing field-notes of the survey of the Homestake Mining and Mill-site Claims, situated in the Massafampa Mining district, Yavapai County, Arizona, claimed by Nathaniel Ross, survey executed by Henry G. Howe, D.S., under instructions from this office, having been critically examined and the necessary corrections and alterations made, the said field notes and the surveys they describe are hereby approved.

John Mason,
Surveyor General.