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(4-683.)

Mineral Survey No. 1067.

Lot No.

Gila, Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

L. Gardner and J. W. Howell
Ben Williams Agent.

KNOWN AS THE

Tip Top,
Warren Mining District,

Cochise County, Arizona,

Section, Township, Range

Surveyed under instructions dated August 20th, 1892
by A. G. Howe,
U. S. Deputy Mineral Surveyor.

Claim located January 1st, 1890.

Survey commenced August 30th, 1892.

Survey completed Sept. 2nd, 1892.

Address of claimant.
Bisbee.

Cochise County.
Arizona.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, F. J. Bailey and R. S. Hunt,
do solemnly swear that we will well and faithfully execute the duties of chain carriers;
that we will level the chain upon even and uneven ground and plumb the tally-pins,
either 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, and in accordance with instructions given us, in the survey of
the Mining Claim of L. Gardner and J. W. Howell.
Ben Williams Agent of, known as the
Sip Top,
situate in Warren mining district,
Cochise County, Arizona,
in Section _____, Township No. _____, Range No. _____.

F. J. Bailey, Chainman.
R. S. Hunt, Chainman.

Subscribed and sworn to by the above-named persons before
me this 30th day of August, 1892

S. C. Quinn
Notary Public

I, _____, do solemnly swear that I will well and
truly perform the duties of axeman, in the establishment of corners and other duties,
according to instructions given me and to the best of my skill and ability, in the survey
of the Mining Claim of _____

known as the _____,
more fully described in the preceding affidavit.

_____, Axeman.

Subscribed and sworn to by the said _____
before me this _____ day of _____,
18 _____.

I, _____, do solemnly swear that I will
well and truly perform the duties of flagman, in the establishment of corners and other
duties, according to instructions given me and to the best of my skill and ability, in the
survey of the Mining Claim of _____

known as the _____,
more fully described in the preceding affidavit.

_____, Flagman.

Subscribed and sworn to by the said _____
before me this _____ day of _____,
18 _____.

- Survey No 1067.
 Tip Top Lode
 Beginning at the I.M.C.
 Identical with location mon, which
 is also a cor. of the Wood Chopper Lode
 Apine post 4ft. long 4 in. sq. 6 ins in ground
 in mound of stone, marked, North by
 Face 2/1061. W.C. Lode, and S.W. Face I.M.T.T.
 Lode.
 Thence $N 47^{\circ} 36' W$
 var $11^{\circ} 40' East$,
 264.6 To cor. Tro. 1.
 Identical with location mon, which
 is also a cor. North Star Lode.
 Apine post 4ft. long 4 in. sq. 6 ins in
 ground in mound of stone marked
 N.E Face 4/1064 N.S. Lode and S.W. Face 1/1067
 T.T. Lode,
 Thence $S 50^{\circ} 45' W$.
 var $11^{\circ} 40' East$.
 473.89 Intersect line 1.2. Wood Chopper Lode
 $S 77^{\circ} 49' W$ 575.3/ft. from cor. Tro. 2.
 1010.5 To cor. Tro. 2.
 Identical with location cor.
 Apine post 4ft. long 4 in. sq. 6 ins in ground
 in mound of stone marked 2/1067. T.T.
 Lode.
 Thence $S 47^{\circ} 36' E$
 var $11^{\circ} 40' East$.
 300. To S.W. center location mon.
 595.3 To cor. Tro. 3.
 Identical with location cor.
 Apine post 4ft. long 4 in sq 6 ins in ground
 in mound of stone marked 3/1067. T.T.
 Lode.
 Thence $N 47^{\circ} 27' E$
 var $11^{\circ} 40' East$,
 179.5 4 in post in line, not marked sup-
 posed to be S.W. cor. "Silver Bear".
 1003.7 To cor. Tro. 4.
 Identical with location mon, which is

Feet, also a cor. North Star Lode,
A pine post 4 ft. long 4 in. sq. 6 ins in ground
in mound of stone, marked N.E. Face
3/1064. N.S. Lode, and S.W. Face, 4/1067. T.T.
Lode.

From which U.S. L.M. No 4, bears
N66°18'E 2947.75 ft.

Thence N47°36'W

Var 11°40' East.

R.T. 4 To Post. 1. M. and place of beginning.

Area.

Total area of Tip Top lode 13.02 Acres

Less conflict with

Survey No 1061. Wood Chopper lode 1.43 Acres

Net area 11.59 Acres

Location

This claim is located in the Warren
Mining District Cochise County Arizona,
South westerly from the Neptune
Smelter, and is bounded upon
the N.E. by the Survey No 1064, "North
Star". South east by Survey No 534,
the "Silver Bear" lode, and N.W. by
the Survey No 1061, the Wood Chopper
with which it conflicts.

Expenditure of Five Hundred Dollars,
Certify that the value of the labor,
and improvements upon this
claim, placed thereon by the
claimant and its grantors, is
not less than five hundred
dollars, and that said improve-
ments consist of

Discovery Tunnel 5x7 ft. 50 ft long in
rock, which bears from cor No. 4, S79°45'W 530.7

Value of Tunnel \$800.

Instrument.

The survey was made with a Young
and Son's Mountain's Transit No
5585, with Smith's Solar attachment,
The courses were deflected from
the true meridian as determined
by solar observations.

The distances were measured
with a 100ft steel tape.

A. G. Howel
U. S. Deputy Mineral Surveyor

Bisbee Oct 8th 1892.

Affidavit of Five Hundred Dollars Improvements.

We, A. J. Bailey and R. S. Hunt,

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the

Tip Top mining claim, situated in
Warren Mining District, Cochise County,

Arizona Territory, for which L. Gardner and J. W. Howell,
by Ben Williams Agent.

has 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
applicants and their grantors exceed Five Hundred Dollars in value, and further that we are not
personally interested in said mine.

A. J. Bailey
R. S. Hunt

TERRITORY OF ARIZONA, }
County of Lecher } ss.

SWORN to and subscribed before me, this 10th day
of September 1892

S. C. Levin
Notary Public



FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by A. G. Howe
 United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines
 corners and boundaries described in the foregoing field notes of the survey of the mining claim
 of L. Gardner and J. W. Howell, Ben Williams Agent.
 known as the Tip Top.
 and showing the respective capacities in which they acted.

F. J. Bailey, Chainman.
R. S. Hunt, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, F. J. Bailey and R. S. Hunt
 and _____, do solemnly swear that we assisted
A. G. Howe, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of L. Gardner and J. W. Howell.
Ben Williams Agent.
 _____, known as the

Tip Top., represented
 in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under
 his direction; and that said survey has been in all respects, to the best of our knowledge and
 belief, faithfully and correctly executed, and the corner and boundary monuments established
 according to law and the instructions furnished by the United States Surveyor-General for
Arizona.

F. J. Bailey, Chainman.
R. S. Hunt, Chainman.
 _____, Axman
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 10th day of September, 1892

S. S. Quinn
Notary Public

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, H. G. Howe, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated August 20th, 1897, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of L Gardner and J W Howell, Ben Williams, Agent, known as the Tip Top, situate in Warren Mining District, Cochise County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 1067, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or their grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

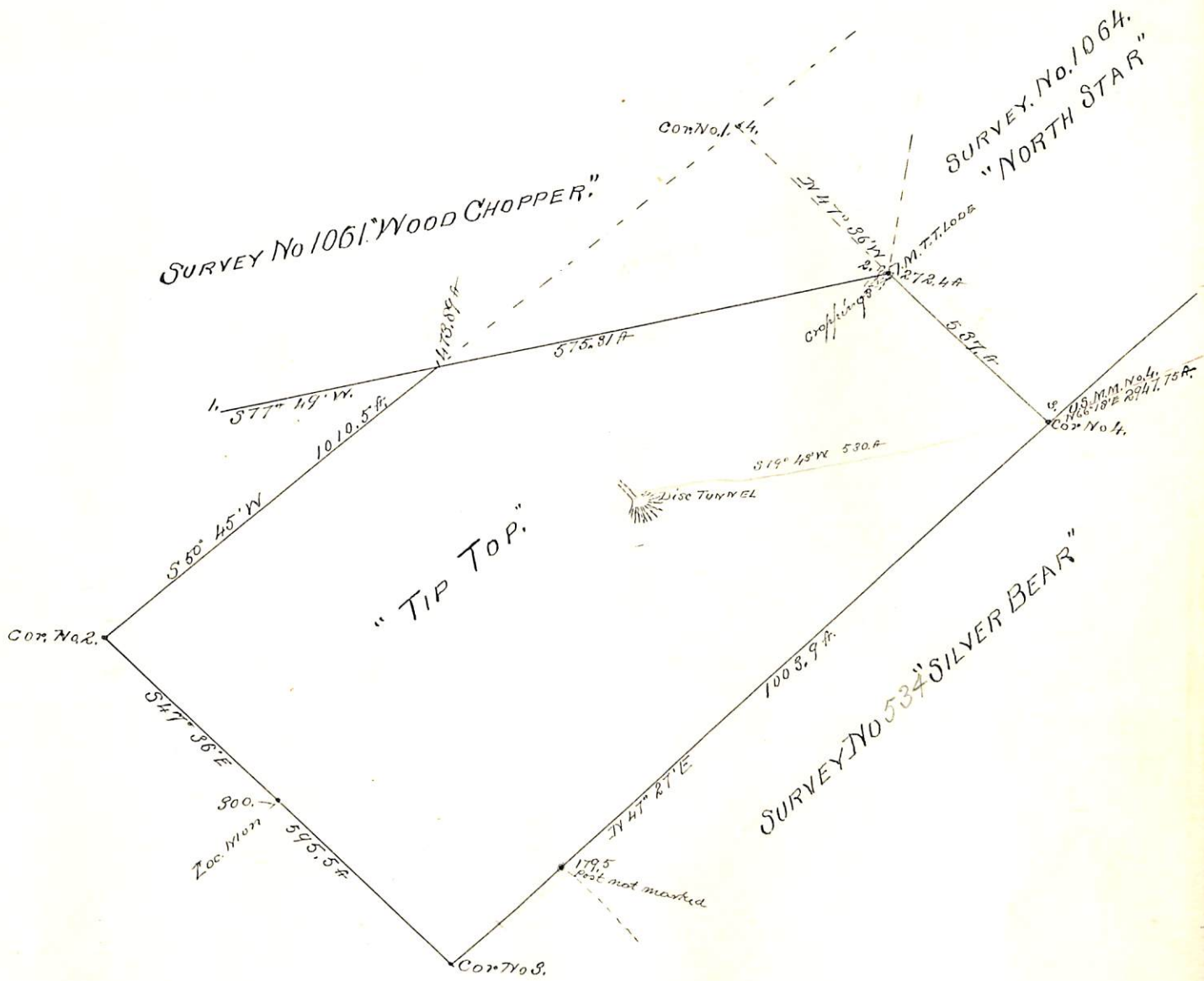
H. G. Howe
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said H. G. Howe
U. S. Deputy Mineral Surveyor, before me A. L. Perrin
a Notary Public this twentieth
day of September, 1897

A. L. Perrin
Notary Public



SURVEY No. 1067,
GILA LAND DISTRICT.



SURVEYED Aug³⁰ Sept 2nd 1892,
by F. G. Howe,
U.S. Deputy Mineral Surveyor.

(4-687.)

Surveyor General's Certificate of Approval of Field Notes and Survey of Mining Claim.

Department of the Interior,

Office of U. S. Surveyor General,

Tucson, Arizona
December 29th, 1892

I, U. S. Surveyor General for

District of Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of

L. Gardner and J. H. Howell

_____ known as the *"Tip Top"* _____

situate in *Warren* _____ mining district,

Cochise _____ County, *Arizona* _____

in Section _____, Township No. _____, Range No. _____

and _____, designated as Survey No. *1067* _____

executed by *H. G. Howe* _____, U. S. Deputy Mineral

Surveyor, *Augt 30th to Sept 2nd, 1892*, under my instructions dated

August 20th, 1892, have been critically examined and the

necessary corrections and explanations made, and the said Field Notes and Return, and

the Survey they describe, are hereby approved. A true copy of the copy of the location

certificate filed by the applicant for survey is included in the field notes. _____

Pepper & Johnson
Arizona

U. S. Surveyor General for