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(4-683.)

Mineral Survey No. 1064.

Lot No.

Gila.

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

S. Gardner and J. W. Howell

Ben Williams Agent.

KNOWN AS THE

"North Star."

Warren.

Mining District,

Cochise.

County,

Arizona.

Section, Township, Range

Surveyed under instructions dated August 20th, 1892

by A. C. Howe.

U. S. Deputy Mineral Surveyor.

Claim located June 11th, 1888.

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, A. 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., known as the
North Star,
situate in Warren mining district,
Cochise County, Arizona,
in Section _____, Township No. _____, Range No. _____.

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

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

A. C. Davis
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. 1064
"North Star Lode"

Fact: Beginning at J. M. N. S. lode
Identical with location now.
Which point is on S.W. line Survey
No. 911. Silver Spray lode.
A pine post 4 ft. long 4 in. sq. 6 in.
in ground in mound of stone.
Marked J. M. 1064 N. S. lode.
Thence S. 47° 36' E
Var. 11° 40' East

300. To cor No. 1.
Identical with location cor.
A pine post 4 ft. long 4 in. sq. 6 in. in
ground in mound of stone. Marked
1064 N. S. lode.
From which cor. No. 6. Silver Spray
lode bears S. 47° 36' E. 247.80 ft.
Thence S 68° 26' W
Var 11° 40' East

420.73 To cor No 2.
Identical with location cor. which is
also a cor. Silver Bear lode Survey No. 534
A pine post 4 ft. long 4 in. sq. 6 in.
in ground on N.W. side Silver Bear
post, and rebuild mound around
them, marked 2/1064 N. S. lode. (No
mark upon old post)
Thence S. 47° 27' W
Var. 11° 40' East

737. To cor No. 3.
Identical with location cor. which is
also a cor. Tip Top lode.
A pine post 4 ft. long 4 in. sq. 6 in. in
ground in mound of stone. Marked
S.W. face 4/1067, J. J. lode and N. E. face
3/1064 N. S. lode.
From which U. S. L. M. No 4. bears
N. 66° 18' E. 2947.75 ft.

Thence N. $47^{\circ} 36'$ W.

Var $11^{\circ} 40'$ East.

272.4 To post. I. M. J. J. lode and 2/1061 W. B. lode upon croppings.

From which cor. No. 3. Wood Chopper lode bears N. $8^{\circ} 50'$ E. 219.20 ft.

537. To cor. No. 4.

Identical with location cor. which is also a cor. Tip Top lode.

A pine post 4 ft. long 4 in. sq. 6 in. in ground in mound of stone.

Marked S. W. face 4/1067 J. J. lode and N. E. face 4/1064 N. S. lode.

Thence N. $50^{\circ} 45'$ E

Var $11^{\circ} 40'$ East.

270.90 Intersect line 3.4. Wood Chopper lode N. $8^{\circ} 0'$ W. 134.50 from cor. No. 3.

This point is also cor. No. 2. Survey No. 1060. Copper Bullion lode.

753.5 To cor. No. 5.

Identical with location cor. which is also a cor. Hayes and Copper Bullion lodes.

A pine post 5 ft. long 4 in. sq. 1 ft. in ground in mound of stone. Marked

N. E. face H. M. M. C. No. 5. and N. W. face 3/1060 C. B. lode and S. E. face 5/1064 N. S. lode.

Thence N. $80^{\circ} 48'$ E.

Var $11^{\circ} 40'$ East.

271. To 4 in post H. M. M. C. No. 4.

468. To cor. No. 6.

Identical with location mon.

A pine post 4 ft. long 4 in. sq. 6 in. in ground in mound of stone. Marked 6/1064 N. S. lode.

From which cor. No. 3. Hayes lode bears N. $80^{\circ} 48'$ E. 98.50 ft.

Thence S. $47^{\circ} 36' E$
 Var. $11^{\circ} 40' East.$

- 85.5 To cor. No. 5 survey No. 911. Silver
 Spray lode.
 86. To S.M. N.S. lode and place of
 beginning

Area

Total area North Star lode 12.53 Acre
 Less conflict with survey No 1061.
 Wood Chopper lode not claimed .91

Net area 11.62 Acre

Location

This claim is located in the Warren
 Mining District, Cochise County
 Arizona, and bounded upon the
 N.E. by survey No. 911. Silver Spray
 lode & N.W. by survey No. 9731
 Hayes and survey No 1060. Copper
 Bullion lodes. S.W. by survey
 No. 1067. Tip Top and survey No.
 1061. Wood Chopper lodes and S.E.
 by survey No. 534. Silver Bear
 and the Copper Monarch (unsurveyed)
 lodes.

Expenditure of Five Hundred Dollars.
 I certify that the value of the labor and
 improvements upon this claim, placed
 thereon by the claimant and its guar-
 antors is not less than five hundred
 dollars. And that said improvements
 consist of
 Discovery shaft 4x6 ft. 16 ft deep in rock,
 which bears from S. M. L. S. lode S.
 $52^{\circ} 15' W.$ 120 ft.

Value of shaft. \$160.-
 A shaft 4x6 ft. 32 ft deep in rock
 bears from cov. No. 2. $S. 67^{\circ} 0' W.$ 80 ft.
 Value of shaft \$375.-
 A shaft 4x6 ft. 36 ft deep in rock bears
 from cov. No. 2. S. $80^{\circ} 0' W.$ 120 ft.
 Value of shaft \$425.-

Instrument
 The survey was made with a
 Young and Sique Mountain Transit
 No. 5585. With Souths solar attachment.
 The courses were deflected from
 the true meridian as determined
 by solar observations
 The distances were measured with
 a 100 ft steel tape.
 See Note below.

H. C. Howe
 U.S. Deputy Mineral Surveyor,
 Tombstone,
 Oct 22nd 1892.

Note.

The side line, Silver Spray, official notes
 give the line at $S 47^{\circ} 41' E.$ while in the
 above notes the same line is given at
 $S 47^{\circ} 36' E.$ the original survey Silver Spray
 was not checked by triangulation, which
 shows that this line in Official Survey is 5' in error.

Affidavit of Five Hundred Dollars Improvements.

We, F. 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

North Star 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.

F. J. Bailey
R. S. Hunt

TERRITORY OF ARIZONA,
County of Cochise } ss.

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

S. C. Ferrin
Notary Public



FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by A. G. Howel
 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 North Star.
 and showing the respective capacities in which they acted.

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

FINAL OATHS OF ASSISTANTS.

We, F. J. Bailey and R. S. Hunt.
 and _____, do solemnly swear that we assisted
A. G. Howel, 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
North Star., 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, Chairman.
R. S. Hunt, Chairman.
 _____, Axman .
 _____, Flagman.

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

S. C. Perrin
Notary Public

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, 1892, 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 North Star, situate in Warren Mining District, Cochise County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 1064, 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 S. L. Dennis
A. Notary Public this 10th
 day of September, 1892

S. L. Dennis
Notary Public

M. J. Howell 10

LOCATION NOTICE.

Notice is hereby given, that the undersigned in compliance with the requirements of the Mining Act of Congress, approved May 10th 1872, have this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz, and 300 feet ^{in width} on each side of the middle of said lead, lode or vein, situated in the Warren Mining District, County of Cochise, Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the centre of the Eastley end of claim, and upon which this notice is posted thence Southerly 300 feet to a monument of stones; thence West-erly 1500 feet to a monument of stones; thence Northerly 300 feet to a monument of stones; being the center of the Westerly end of claim; thence Northerly 300 feet to a monument of stones; thence Easterly 1500 feet to a monument of stones; thence Southerly 300 feet to the place of beginning.

This Claim was formerly known as the Home-Stake Mine, and is bounded on the East by the Silver Spray Mine, and on the South by the Silver Bear Mine, and shall be known as the North Star Mine, Located June 11-th 1888.

Locators J.W.Howell.
L. Gardner.

Filed and recorded at the request of G.S.Bradshaw June 13-th A.D. 1888 at 9 A.M.

W.F.Bradley
County Recorder.

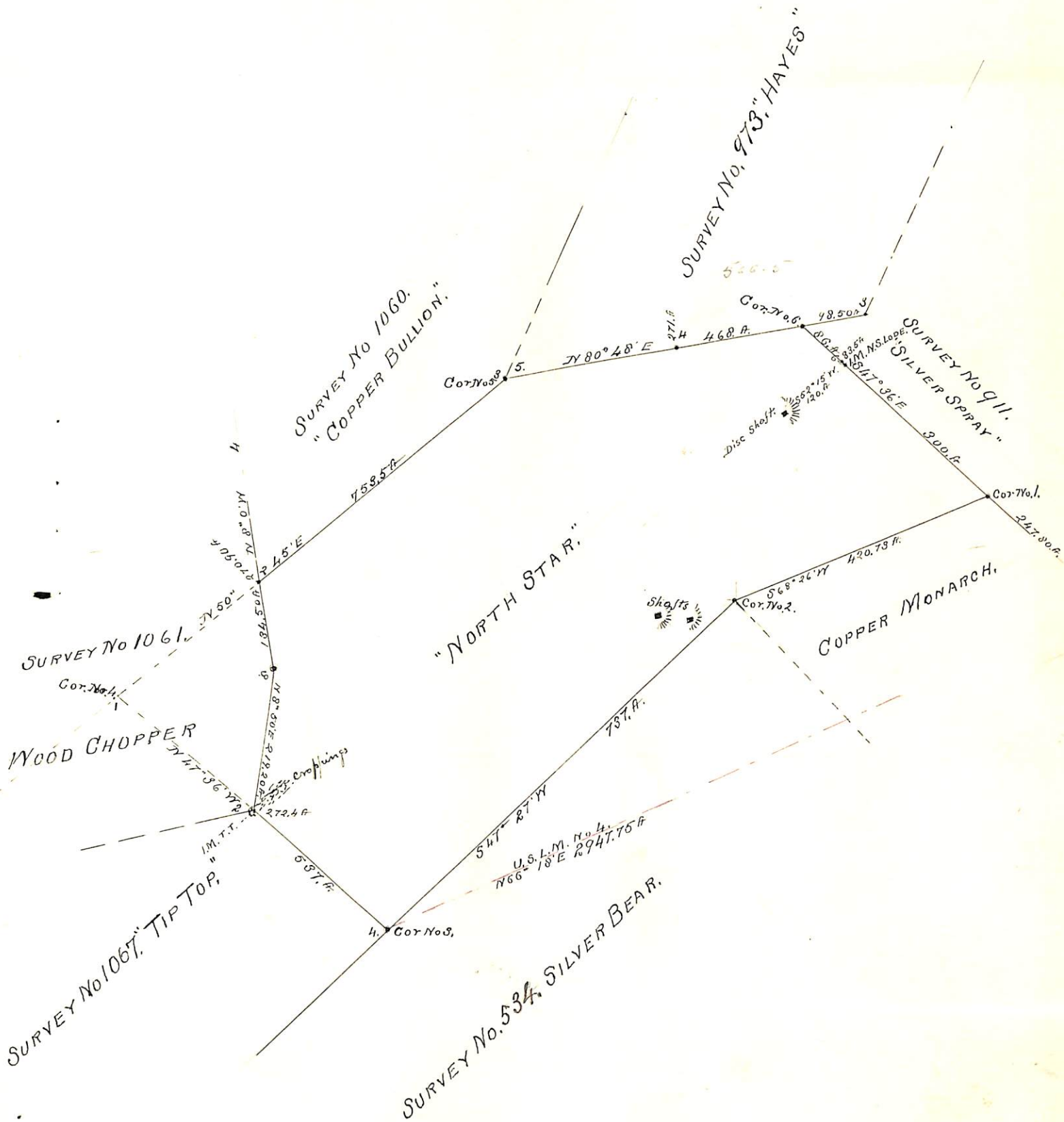
Territory of Arizona)
County of Cochise) ss

I, W.F.Bradley, County Recorder in and for the County of Cochise, do hereby certify that the above and fore-going is a full, true and correct copy of the Location Notice of the North Star M.C. Warren Mining District, A.T. as appears of record now in my office in Book 11, page 546, Record of Mines.

In witness whereof, I have hereunto set my hand and affixed my official seal, at my office, in Tombstone, this 3-rd day of June, A.D. 1892.

(SEAL) W.F.Bradley
County Recorder.

SURVEY No 1064.
GILA LAND DISTRICT.



SURVEYED Aug^{30th} Sep^{2nd} 1892,
by H. 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 29, 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. W. Howell

_____ , known as the

"North Star" _____ ,

situate in Warren _____ mining district,

Coconino _____ County, Arizona _____ ,

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

and _____ , designated as Survey No. 1064. _____

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. _____

Ralph Johnson
U. S. Surveyor General for Arizona

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