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(4-683.)

Mineral Survey No. 1063.

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

"Howell."

Warrent Mining District,

Cochise County, Arizona

Section _____, Township _____, Range _____

Surveyed under instructions dated August 20th, 1892

by H. C. Howe
U. S. Deputy Mineral Surveyor.

Claim located January 1st, 1888.

Survey commenced Sept 8th, 1892

Survey completed Sept 10th, 1892

Address of Claimant,

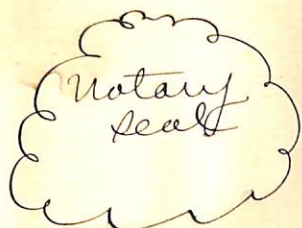
Bisbee

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, known as the
"Howell"
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 8th day of Sept, 1892.

J. C. Perrin
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 1063,
Howell Lode.

Beginning at cor No. 1.

Feet. Identical with location mon which is also cor. No. 1. Little Joker Lode.

Apine post 4ft. long 4 in. sq. pins in ground in mound of stone, marked N.W. Face 1/1071, L.J. Lode and S.E. Face 1/1063 H. Lode.

Thence $549^{\circ}30'W$

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

166. A 4 in post in line cor. No. 4. Survey No. 1071.

1369. To cor No. 2.

Identical with location mon, which is also the S.E. cor. Irish Mag. Lode.

Apine post 4ft. long 4 in. sq. pins in ground in mound of stone, marked 2/1063 H. Lode.

Thence $529^{\circ}02' E$.

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

270.8 To cor No. 3.

Identical with location mon.

Apine post 4ft long 4 in. sq. pins in ground in mound of stone, marked 3/1063, H. Lode.

From which U.S.L.M. No 4 bears $N 91^{\circ}52' E$ 2480.60 ft.

Thence $556^{\circ}04' E$

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

262.7 To cor No 4.

Identical with location cor.

Apine post 4ft. long 4 in. sq. pins in ground in mound of stone, marked 4/1063.

H. Lode.

Thence $N 47^{\circ}22' E$

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

641.67 Intersect southerly side line Black Jack Lode, $S 72^{\circ}09' E$ 173.2 ft from N.W. cor.

1152.67 To cor. No. 5.

Identical with location cor, which is also a cor. Triangle and Black Jack Lodes.

Apine post 4ft. long 4 in sq. pins in ground in mound of stone, marked East Face, 2/1050 T. Lode, and West Face 5/1063 H. Lode.

Feet, From which the N.W. cor. Black Jack lode
 bears $S 61^{\circ} 33' W$ 615.18 ft.
 Thence $N 48^{\circ} 50' E$,
 Var $11^{\circ} 40' East$,

382, To cor No. 6.
 Identical with location mon.
 Apine post 4 ft. long 4 in. sq. 6 ins in ground
 in mon of stone, marked 6/1068 H. lode.
 Thence $N 56^{\circ} 04' W$
 Var $11^{\circ} 40' East$.

48985 To, cor. No. 1. and place of beginning.

Area.

Total area Howell Lode.	16,512 Acres.
Less conflict with the Black Jack Lode.	.884 Acres.
Net Area.	15,628 Acres.

Location.

This claim is located in Warren Mining District, Cochise County, Arizona, about one mile south-erly from Bisbee, and is bounded upon the N.E. by Survey No 957, the Gardner Lode, and N.W. by Survey No 1071, the Little Joker and "Inch Nag" Lodes, and S. E. by Survey No 1050, the Triangle Lode, and Black Jack 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 grantors, is not less than five hundred dollars, and that said improvements consist of,
 Discovery Shaft, 4x6 ft., 14.5 ft. deep in rock, bears from cor. No. 6.
 $N 70^{\circ} 0' W$ 290. ft.
 Value of Shaft. \$174.

A shaft 4x6 ft. 17 ft deep in rock,
bears from cor. Tro. 6, $N65^{\circ}04'W$
190 ft.

value of shaft \$ 204.

A shaft. 4x6 ft. 50 ft deep. in rock,
bears from cor. Tro. 2. $N69^{\circ}E$ 475 ft.

value of shaft. \$ 20.

A shaft. 4x6 ft. 50 ft deep. in rock,
bears from cor. Tro. 2. $N70^{\circ}45'E$ 525 ft.

value of shaft. \$ 20. —

Instrument,

The Survey was made with a
Young and Son's mountain
Transit No 5585, with Smith's
Solar attachment.

The courses were deflected
from the true meridian as deter-
mined by solar observations.

The distances were meas-
ured with a 100 ft steel tape

H. C. Howe

U. S. Deputy Min. Surveyor.

Bisbee.

Oct 3rd 1892.

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
Howell mining claim, situated in

Warren Mining District, Cochise County,

Arizona Territory, for which L. Gardner and J. W. Howell

Ben. Williams Agent

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 S 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 17th day
of September 1892

S. C. Perin
Notary Public



FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by H. 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 Howell,
 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
H. 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
Howell; , 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. Smith
 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, 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 & J. W. Howell, Ben Williams Agent, known as the Howell, situate in Warren Mining District, Cochise County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 1068, 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. C. Penning
a Notary Public this twentieth
day of September, 1892.

S. C. Penning
Notary Public



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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 center of the East end of claim, and upon which this notice is posted, thence Northerly 300 feet to a monument of stones; thence Westley 1500 feet to a monument of stones; thence Southley 300 feet to a monument of stones; being the center of the West end of claim; thence Southley 300 feet to a monument of stones; thence Eastley 1500 feet to a monument of stones; thence Northley 300 feet to the place of beginning.

This claim is situated about one mile from Bisbee in a Southley direction, and was formeley known as the Josephine Dewire Mine, joining the Irish Mag on the South, and shall be known as the Howell Mine,
Located January 1st 1888.

L. Gardner.
J.W.Howell.

Filed and recorded at the request of L. Gardner January 4-th 1888 A.D. 1888 at 9.45 A.M.

W.F.Bradley

County Recorder.

Territory of Arizona)) ss
County of Cochise)

I, W.F.Bradley, County Recorder in and for the County of Cochise, do hereby certify that the above and foregoing is a full, true and correct copy of the Location Notice of the Howell Mine, Warren Mining Dist. A.T. as appears of record now in my office in Book 11, Page 434 Record of Mines.

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

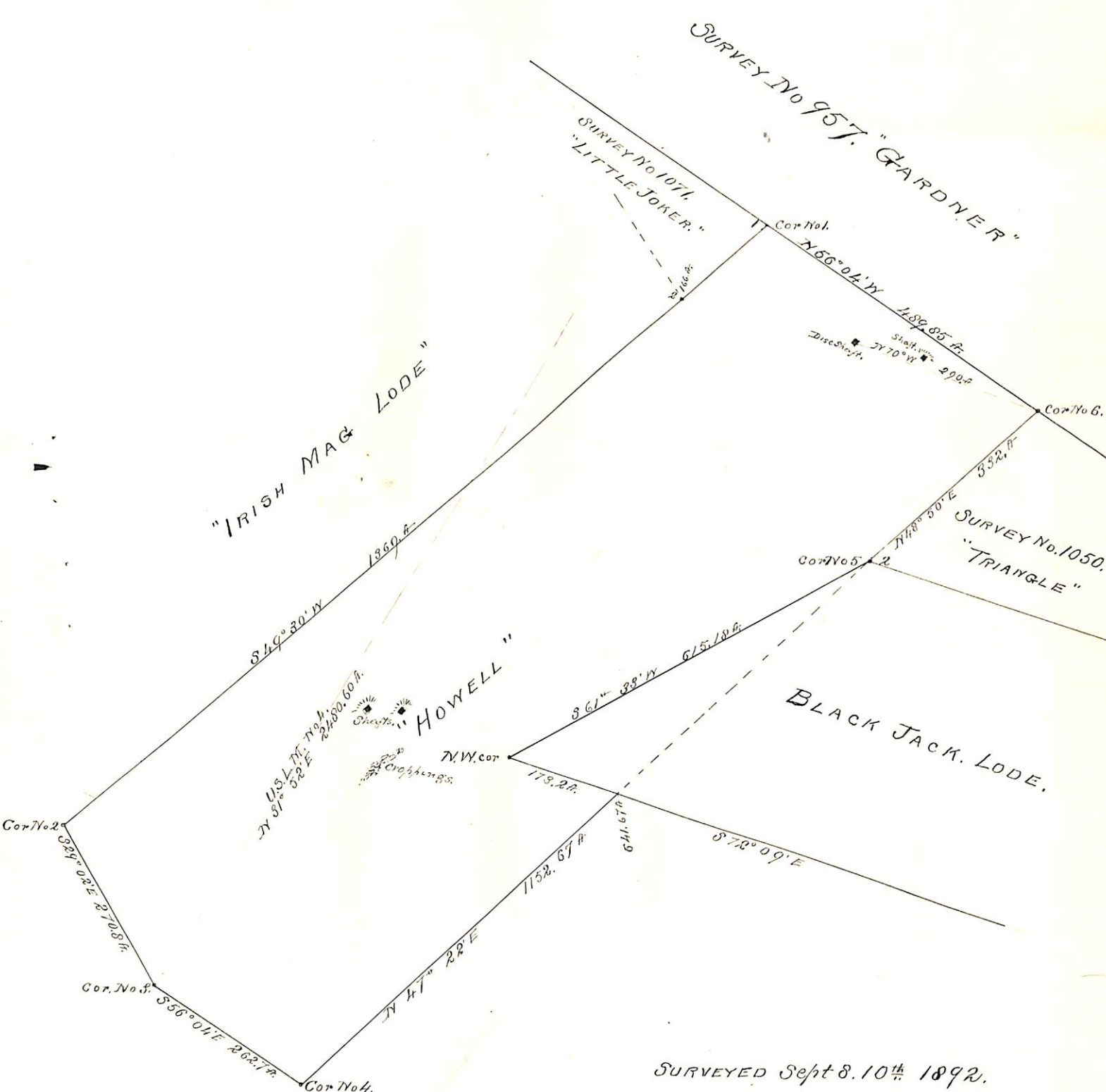
W.F.Bradley

(SEAL)

County Recorder.

SURVEY No 1063.

GILA LAND DISTRICT



SURVEYED Sept 8. 10th 1892.
 by H. C. 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 8th, 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

S. Gardner and

J. W. Howell

known as the

"Howell"

situate in *Warren* mining district,

Coconino County, *Arizona*,

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

and designated as Survey No. *1063*.

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

Surveyor, *September 8-10, 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.

Rapae & Johnson
U. S. Surveyor General for *Arizona*