

2042

Resurvey

Downside of Bisbee

BOOK 2042

4-978

2042

2042

FIELD NOTES
GENERAL LAND OFFICE.

Henry S. Howe

U. S. Deputy Surveyor

2042

Field Notes
of the
Re-Survey of the exterior
Boundaries of the
Townsite of Bisbee.

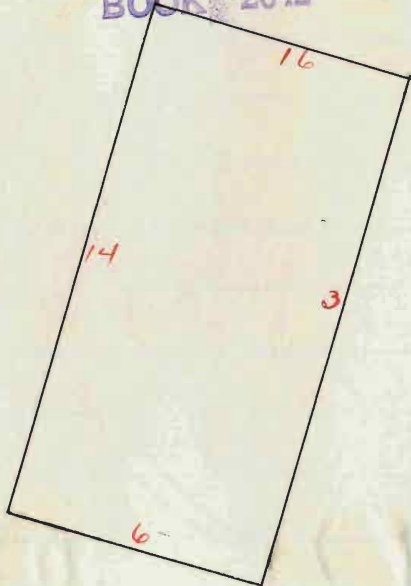
Situated in Co. of Cochise
Territory of Arizona

Re-Surveyed by
H. G. Howe,
U. S. Dept. Min^l Surveyor.

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BOOK 2042



Exterior Boundaries of the
Townsite of Bisbee.

Resurvey commenced
July 31st 1897, and
executed with a Young
and Sons' Light-Mountain
Transit No. 5585- provided
with a Smith's Solar
attachment, the horizontal
limb provided with two
double verniers, placed
opposite each other,
reading to single minutes
of arc, which is also the
graduation of the Latitude
and Declination arcs.

I examine and test
the Solar adjustments at
the meridian established
by special examiner
Sheldon on Feb. 15th 1897

Exterior Boundaries of
 (Being present when it
 was established by him)
 and from these observations
 find the magnetic declination
 to be $11^{\circ} 50'$ E.

I then go to the S. E.
 cor. of Bisbee Townsite.

A limestone 12×12 ins. sq
 set 18 ins. in ground
 under which is a pint
 of glass, the top of stone
 dressed square and smooth
 with the following letters
 and mark cut into it.

B. T. S + S. E. C. O. R.

One foot south of this
 stands a 4×4 in post in
 mound of stone. Post
 marked $\frac{3}{119}$ A. L. O. D. E
 being the N. W. Cor. of

the Townsite of Bisbee.

Feet the Angel Lode claim
Survey No 1119.

From which a boulder
marked with an X and
letters B. R. above bears
N. $43^{\circ} 20'$ E 25 feet,

Another boulder with X
and letters B. R. above
bears N. $52^{\circ} 4'$ W. 59.8 ft.

Pits impracticable.

From which U. S. L. M.
No. 4, bears S. $41^{\circ} 0'$ W. 1504 ft

Feet and N. E. Cor. Angel post
marked $\frac{2}{11}$ A. Lode, bears
S. $76^{\circ} 50'$ E. 550 ft.

Thence I run N. $10^{\circ} 49'$ E

Var. $11^{\circ} 50'$ East

Ascending southerly slope
of hill

300 Top of ridge bears N. easterly

Exterior Boundaries of

- Feet and run along westerly slope of hill.
- 1810 Foot of hill to wash drains S 40° W.
- 1820 Cross wash and run along easterly slope of hill.
- 2520 Foot of hill to wash drains S. 10° E.
- 2530 Cross wash and ascend S. W. slope of low hill
- 2640 To point for N. E. cor of Bisbee Townsite, where I reset the N. E. cor., a limestone 12x12 ins, 18 ins in ground, under which I deposit a pint of glass, The top of stone dressed square and level with the following letters and mark cut into it.

the Townsite of Bisbee.

B. T. S + N. E. COR.

From which a rock with
X and letters B. R. above,
bears S 37° W 29.4 ft.,
another rock with X and
letters B. R. above bears
S. 32° E. 9.5 ft.

Pits impracticable.

The Cor. to Secs 7, 12, 13 & 18 of
T. 23. S. R. 25. E.

A granite stone 18x10x8
inches, marked with four
notches on south and
two on north edge, bears
S. 80° 10' E, 237.35 chains
distant.

Exterior Boundaries of

Feet

August 1st / 97Commencing at the
S. E. cor. B. T. S.Thence along the southerly
side line Bisbee townsite.

N. 77° 0' W.

Var. 11° 50' East.

Descending the south
westerly point of hill

450 Go wash drains south

470 Cross wash and ascend
S. E. slope of hill

942 Intersect N. E. side line

Union mining claim

S. 67° 15' E. 977 ft. from

N. W. cor. which is also
the easterly end of the
Roucker Lodge claim

Survey No. 614

the Townsite of Bisbee.

- 290 Top of ridge bears N. 3 S.
- 944 Intersect westerly end of the Union lode which is also the easterly end of the Becker lode claim, Survey No. 614, S. $24^{\circ} 30'$ W. 171 ft. from the easterly center, Post marked R. M. IV and 463 ft from post marked R. M. III.
- 115 Wash drains south.
- 125 Leave wash and ascend southerly slope of hill.
- 2400 Top of ridge and descend,
- 640 Point for South center, from which old cor. bears N. 68° W. 17 ft. where I set a limestone $12 \times 12 \times 26$ inches, 18 inches

Exterior Boundaries of

Feet in ground under which I deposit a pint of glass. Top of stone dressed smooth level and square; The following letters and mark cut into it.

B. T. S + S. CENT.

From which a rock marked x with the letters B. B. above, bears N. 44° $45'$ W. 19.3 ft. Another rock marked x with letters B. B. above bears S. 51° $40'$ W. 81 ft.

Pits impracticable.

2970 Center of road into Bisbee bears S. E. and N. W.

3080 Center of main track A & S. E. R. R. bears S. E. & N. W.

the Townsite of Bisbee.

- Sheet
110 Leave R. R. grade to wash
25 ft. wide, drains S. E.
and ascend slag dump.
- 3175 Top of slag dump, bears S. E. 3 N. W.
- 293 Intersect westerly end
line Bucker lode claim
Survey No. 614, which is
also the Easterly end line
Iron Monster lode survey
No. 1049, S. $24^{\circ}30'$ W. 396 ft.
from post R. M. No 11, and
post 1 M. L. 7/1049, being the
N. E. cor. Iron Monster
and also the N. W. cor. of
the Bucker Lode claims.
- 3343 Intersect westerly end line
Iron Monster lode claim
which is also the easterly
end line Copper Jack
lode claim,

Exterior Boundaries of

- | | |
|------|---|
| Feet | Survey No. 1047. S. $24^{\circ} 30' W$,
407 ft from post $\frac{1}{10}^{47}$ I. M. L.
and C. J. L. $\frac{1}{10}^{47}$ and N. 24°
$30' E$. 18 ft from post I. M. L.
$\frac{2}{10}^{47}$ and C. J. L. $\frac{9}{10}^{47}$ |
| 3464 | Intersect easterly end line
Copper Queen lode claim
Survey No. 220. N. $1^{\circ} 17' W$. 26 ft.
from post $\frac{7}{10}^{47}$ C. J. L. and
S. $1^{\circ} 17' E$. 7 ft from post
C. J. L. $\frac{7}{10}^{47}$ which is also
the east center end Copper
Queen lode survey No 220. |
| 3598 | Intersect North easterly side
Smelter building 65 ft. N.
$57^{\circ} W$. from S. E. cor. |
| 3693 | Leave Smelter building
100 ft. S. $57^{\circ} E$. from N. W.
cor. |

the Townsite of Bisbee.

- Sheet
730 Center of Coke R.R. bears
 $S 51^{\circ} 0' E.$ and $N. 51^{\circ} 0' W.$
- 1264 Intersect northerly line
Copper Queen lode claim
which is also the southerly
line Copper Jack lode claim
 $S. 87^{\circ} 17' W.$ 655 ft. from
cor. C.J.L. No. 1047 which point
is also a cor. of Copper Queen
lode claim.
- 1286 Intersect westerly end line
Copper Jack lode claim
Survey No. 1047, which is
also the easterly end line
Copper Prince lode claim
Survey No. 285. $N. 11^{\circ} 45' E$
6 ft. from post C.J.L. No. 1047
which is also the S.E. cor
of the Copper Prince lode
claim and $S 11^{\circ} 45' W.$ 271.6 ft

Exterior Boundaries of

Feet from cor. No $\frac{4}{10}$ 47 C. J. L.,
 and 155.3 ft. from the
 N. E. cor. Copper Prince lode
 claim, Survey No. 285.

4850 Southerly side of wash
 drains easterly

4930 Southerly side street into
 Bisbee, and northerly
 side of wash,

4980 Northerly side of street into Bisbee

5280 To S. W. cor. Townsite,
 of limestone 12 x 12 x 26 inches,
 set 18 inches in ground
 under which is deposited
 a pint of broken glass,
 The top of stone dressed,
 smooth, level and square
 with the following letters cut
 in top, B. T. S. + S. W. C. O. R.

The Townsite of Bisbee.

Meet From which a rock south
of street marked x with
letters B. R. above bears S.
 $36^{\circ} 35' W.$ 58 ft.

A. boulder marked x with
letters B. R. above bears N.
 $42^{\circ} 40' W.$ 56 ft.

A post C. P. N. W cor. bears
S. $86^{\circ} 15' W.$ 220 ft.

A post M. L. C. No $\frac{3}{105}$ bears
S. $10^{\circ} 43' W$ 394.8 ft.

Land hilly and very rough
and rocky no soil or
timber, $\frac{1}{4}$ rate.

Exterior Boundaries of

Feet

August 2nd / 1917

Commencing at the S. W.
cor. Bisbee townsite,
Thence I run
N. 10° - 49' E

Var. 11° 50' East

Along westerly end line
Bisbee townsite

- 65 Foot of bluff.
- 104 Top of bluff, about 80 ft high
- 595 South side of street into Bisbee bears E 3 W.
- 630 North side of street
- 697 The N. E. cor. Molvina Lode
claim, a 4 in post in mon.
of stone post marked $\frac{4}{105}$ M. L. C.
- 2640 To the N. W. cor. Bisbee
townsite where I reset
Limestone 12x12x12 inches
6 ins. in ground, with
a drill hole through the

the Townsite of Bisbee.

cut center, through which
I drive into hole drilled
into rock under it a piece
of iron rod 1 inch in
diameter 2 ft. long, under
which is deposited a
pint of broken glass.

The top of stone cut
smooth and square with
the following letters cut in
it. B. T. S. N. W cor.

and build a mon. of
stone alongside 2 ft. at
base and 3 ft. high.

Pits impracticable
No bearing trees anywhere near.
Land hilly, Soil $\frac{4}{5}$ rate
No timber or wood.

Exterior Boundaries of

Feet: Thence I run on a
random line an northerly
line Bisbee townsite
S. $77^{\circ} 0' E$.

• Var $11^{\circ} 50' East$.

2640 Set temporary stake
for north center of townsite,
5280 $\frac{1}{2}$ N. E. cor. B. T. S. just
re-established.

I then run on a true line
N. $77^{\circ} 0' W$

Var $11^{\circ} 50' East$

14 To wash, drains southerly

18 Cross wash and ascend
easterly slope of hill.

635 Top of rocky ridge bears
North and South and descend

1000 To foot of hill and small
wash drains N.N.E 2 ft
wide and ascend

- Sheet
1205 the Townsite of Bisbee
Top of divide bears N. 7 S.
and descend
- 1945 To bottom of hill and wash
drains South
- 1960 cross wash to foot of hill
and ascend
- 2640 to point for center of
townsite where I reset
limestone 12x12x26 inches
18 ins. in ground under
which is deposited a pint
of glass. The top dressed
smooth and square with
the following letters cut
in top, B. T. S + N. C. E. N. T.
From which a rock
marked with a x and
letters B. R. above bears
N. 33° E 32.5 ft. another
rock with x and letters

- Feet B. R. above bears S. 35° W. 4 ft.
 2980 Top of divide, bears N. 3 S.
 and descend
 4140 Bottom of hill and wash
 drains south
 4160 Cross wash to foot of east
 side of hill and ascend
 5280 To N. W. cor.

Land hilly soil $\frac{4}{100}$ rate
 very little grass, a few
 cacti no timber or wood.

The land embraced
 within this townsite survey
 is very rough and hilly.
 Soil $\frac{4}{100}$ rate with no timber
 or wood, and but a few
 scattering oak brush.

the Townsite of Bisbee. 19

Area. BOOK 2042

The total number of acres
embraced within this
townsite of Bisbee is
319,787 Acres

Less the following conflicts
with mining claims upon the South
Acres

The Copper Prince Survey No. 255.	1,595
.. Copper Jack Survey No. 1047.	10,538
.. Copper Queen Survey No. 220.	1,731
.. Iron Master Survey No. 1049.	451
.. Rucker Claim Survey No. 614.	13,201
.. Union Claim unsurveyed.	1,928
Total	29,454

which leaves a net area of
290,333 Ac.
in the townsite of Bisbee

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Tombstone Oct 30th/97

A. G. Howe

U.S. Deputy Mineral Surveyor

Field Notes of U. S. Deputy Surveyor

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BOOK 2042

U. S. Surveyor-General's Office,

Tucson, Arizona, June 9, 1898.

The foregoing field notes of the survey
of the Exterior Lines of the Townsite of
Bisbee, in Cochise County, Arizona, as
executed by Henry G. Howe, Deputy Surveyor
under his Contract dated May 16, 1895,
having been critically examined and
the necessary corrections and explan-
ations made, the said Field Notes and the
surveys they describe are hereby approved.

George Christ

Surveyor-General.

Final Oath of U. S. Deputy Surveyor.

I, *H. G. Howe*. —

U. S. Deputy Surveyor, do solemnly swear that in
pursuance of a contract received from ~~Royal A.~~
Levi Manning
Johnson, United States Surveyor-General for Ari-
zona, bearing date of the *16th* — day of

May — 189*5*, I have well, faith-
fully, and truly, in my own proper person, and in
strict conformity with the instructions furnished by
the United States Surveyor-General for Arizona,
the Manual of Surveying Instructions, and the
laws of the United States, ^{re} surveyed all those parts
or portions of the *Townsite of Bisbee*

under Special Instructions

of April 8th and 14th 1897.

Cochise County,

Arizona.

of the Gila and Salt River Base and Meridian, in
the Territory of Arizona, as are represented in the
foregoing Field Notes as having been ^{re} surveyed by
me and under my direction; and I do further
solemnly swear that all the corners of said surveys
have been established and perpetuated in strict
accordance with the Manual of printed instructions,
the special instructions of the United States Sur-
veyor-General for Arizona, and in the specific

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manner described in the field notes, and that the foregoing are the true Field Notes of such ^R survey; and should any fraud be detected I will suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846.

H. G. Howe

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 2nd

day of September, 1897.

S. C. Remick
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~~ ^{Townsite}
 of Bisbee; Cochise County, Arizona;
~~known as the~~
 and showing the respective capacities in which they acted.

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Alvan W. Howe, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, I Alvan W. Howe
 and _____, do solemnly swear that we assisted _____
H. G. Howe, United States Deputy Mineral Surveyor, in marking the corners and
 Re-surveying the boundaries of the ~~mining claim~~ ^{Townsite} of Bisbee, Cochise County
Arizona.
 _____, known as the BOOK 2042

_____ 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~~ ^{my} 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.

Alvan W. Howe, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 2nd day of September, 1897.

H. G. Howe

Notary Public
 Notary Commission Expires July 13th 1907



The following explanations are made -
 First: Why said townsite was surveyed upon lines having a bearing altogether different from "north and south, east and west" as per special instructions of July 30th 1895.

In answer to the above the following letters speak for themselves.

BOOK 2042

Bisbee Aug. 12th /95.
 Hon. Levi Manning
 U. S. Surveyor General
 Tucson.
 Arizona.

Sir:
 On August 9th I received your full instructions for the Survey of the Townsite of Bisbee, with the accompanying field books, oaths &c complete. Upon reading over the instructions I see that you speak of a townsite embracing "640 acres more or less" under these instructions can I stop with the survey of 320 acres, as that area will cover all the land that the citizens require for a townsite.

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You also instruct me to run due South, due East, due West &c, is this to be strictly adhered to?
 The Townsite of Wilcox is laid out upon each side of the Southern Pacific R.R. N.E. & S.W. and the Townsite of Tombstone is not due East & West.

BOOK 2042

In order to show just how the citizens wish this townsite located I have made a map showing the lines of the proposed townsite, - which lines are shown in red - upon which I have given approximately the courses or bearings and distances. From this map you will see that the south line of the townsite cuts upon patented mining claims, which conflicts will be thrown out when the application for Patent to the townsite is made.

If this location of the townsite as shown upon this map, will comply with your instructions please let me know, and if you require any change from this map, please state in what way that I may comply with your further instructions.

Please let me hear from you at once that I may soon be able to commence this survey -

(Signed) Yours very respectfully
H. G. Howe
U. S. Deputy Mineral Surveyor

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P. S.
Address me at Bisbee.

In reply to which the following letters were rec'd -

Department of the Interior
General Land Office
Office of U. S. Surveyor-General
Tucson Arizona Aug 13th /95 -
Mr Henry G. Howe
U. S. Deputy Surveyor
Bisbee A. T.

Sir:
 You are notified that the special instructions issued to you on July 30, 1895 for the survey of the Exterior Lines of the Townsite of Bisbee, Cochise County, Arizona have been by the Hon. Commissioner of the General Land Office by letter dated August 8, 1895 amended by changing the word "or" to "and" in the line next to the last on page 3.

This change is made in order that you will make your observation on Polaris and then prove your instrument to be in correct adjustment by solar observations.

(Signed) Very respectfully
 Gen. G. Manning
 U. S. Surveyor General.

Tucson 13th August 1895
 Henry B. Howe Esq.
 Bisbee Arizona

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 BOOK 2042

My dear Howe
 Your letter to the Surveyor General of date the 12th inst relative to the boundaries of the Townsite of Bisbee not being run with the cardinal points of the Compass as per your Special Instructions, has been received and the contents noted. I do not think there will be any objections to your running the lines as you have them in the plat sent with your letter, and you make out your field notes be careful to make necessary explanations at commencement, showing why

you departed from the Special Instructions, and be sure to make the observations on polaris and the solar observations to conform to the letter herewith enclosed.

If you require a form for this purpose I will send you one.

I am going to the Cracle in the morning but will be home again in about a week.

We do not think you need any official letter regarding the change of course.

When we made out the special instructions it was impossible to tell how your line would run so had to give you a basis. With regard to the 320 or 640 that will make no difference either.

If you require any additional information write and you shall receive it

(Signed)

Yours very truly
George J. Roskrige.

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BOOK

BOOK 2042

Lat.

Dep.

Lat.

Dep.

D.M.D.

+ Area

N 77° 0' W	5280.
N 10° 49' E	2640.
S 7° 0' E	5280.
S 10° 49' W	2640.

N +	1188.00
	2593.14

S -	1188.00
	2593.14

E +	495.53
	5144.83

W -	5144.83
	495.53

Lat.	1188.00
	2593.14
	1188.00
	2593.14

Dep.	5144.83
	495.53
	5144.83
	495.53

D.M.D.	5144.83
	495.53
	6185.89
	10785.19

7.397	.036704
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35256.944.
 7397.036.
 27859.908.
 13929.954.
 13929.954.106
 43560. 319.7

BOOK 2042

PRELIMINARY OATHS FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, I Alvan W Howe;

do solemnly swear that ~~we~~ I will faithfully execute the duties of Chain Carriers, that I will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that I will report the true distance to all notable objects, and the true lengths, of all lines that I assist in measuring, to the best of ~~my~~ ^{my} skill and ability, ^{in accordance with instructions given me in the} survey of the Townsite of Bisbee, ^{Cochise County,} Arizona.

Alvan W Howe
chairman

SWORN AND SUBSCRIBED before me this 30th day of July 1897.

A. G. Howe
Notary Public
Commission Expires July 13/1901

I, _____

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

SWORN AND SUBSCRIBED before me this _____ day of _____ 188_____

BOOK 2042