

MINERAL SURVEY No. 3690

ARIZONA Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

PATAGONIA SUPERIOR COPPER COMPANY

KNOWN AS THE

Senator Lodge No. 1 and Senator Lodge No. 2 Lodes

HARSHAW Mining District

SANTA CRUZ County, ARIZONA

Section 35, Township 22 S., Range 15 E., G. & S. R. M.

Surveyed under instructions dated July 13, 1920

by Frank Anderson U. S. Mineral Surveyor

Claims located ~~Senator Lodge No. 1 Feb. 7, 1919,~~

~~Senator Lodge No. 2 Feb. 7, 1919.~~

Survey commenced July 19, 1920

Survey completed July 26, 1920

Address of claimant's Attys.: Rice & Mathews, Globe, Arizona.

DATES OF AMENDED LOCATIONS.

MINERAL SURVEY NO. 3690.

SENATOR LODGE NO. 1 LODE.

Beginning at Cor. No. 1,

Identical with Cor. No. 5, Senator Lodge No. 2 lode, of this survey, and with the SW. corner of the location.

An iron pipe, 4 ins. in diameter, 4 ft. long, set 18 ins. in the ground, in a large mound of stones. Pipe is filled with cement and chiseled 1-3690-S.L.1, and 5-3690 S.L.2; whence

The sec. corner common to Secs. 34 and 35, on the south boundary of T. 22 S., R. 15 E., G. & S.R.M., bears S. 46° 16' W. 2944.0 ft..

An oak tree, 8 ins. in diameter, blazed and scribed 5-1-3690 B.T., bears S. 59° 44' W. 29.7 ft.

Thence N. 82° 54' E.

447.7 Cor. No. 4 Senator Lodge No. 2 lode, of this survey, on line; also spur, bearing northeasterly and southwesterly.
1469.7 To Cor. No. 2,

Identical with the SE. corner of the location.

An iron pipe 4 ins. in diameter, 4 ft. long, set 18 ins. in the ground in a large mound of stones. Pipe is filled with cement and chiseled 2-3690-S.L.1; whence

An oak tree, 8 ins. in diameter, blazed and scribed 2-3690-B.T., bears S. 35° 52' E. 50.9 ft.

Thence N. 3° 02' E.

310.0 East end center monument of the location, on line.

343.0 Spur, bearing easterly and westerly.

585.0 Gulch draining southwesterly.

611.8 To Cor. No. 3,

Identical with the NE. corner of the location.

An iron pipe, 4 ins. in diameter, 4 ft. long, set 18 ins. in the ground, in a large mound of stones. Pipe is

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| Feet. | filled with cement and chiseled 3-3690-S.L.1; whence An oak tree, 10 ins.in diameter, blazed and scribed 3-3690-B.T., bears S. 19° 34' E. 61.5 ft. |
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| | Thence S. 73° 57' W. |
| 244.0 | Gulch draining westerly. |
| 729.7 | To Cor. No. 4, An iron pipe, 4 ins.in diameter, 4 ft.long, set 18 ins.in the ground in a large mound of stones. Pipe is filled with cement, and chiseled 4-3690-S.L.1. No bearing objects available. |
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| | Thence N. 89° 24' W. |
| 735.0 | Old road to Patagonia, bearing northwesterly and south- westerly. |
| 757.9 | To Cor. No. 5, An iron pipe, 4 ins.in diameter, 4 ft.long, set 18 ins.in the ground, in a large mound of stones. Pipe is filled with cement, and chiseled 5-3690-S.L.1; whence The NW.corner. of the location bears N. 3° 02' E. 40.0 feet. An oak tree, 14 ins.in diameter, blazed and scribed 5-3690-B.T., bears S. 27° 23' W. 25.5 ft. |
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| | Thence S. 3° 02' W. |
| 20.0 | Old road to Patagonia, bearing northeasterly and south- westerly. |
| 300.0 | West end center monument of the location on line; whence The discovery, which is at the center of a shaft 3 x 5 x 23.0 ft. deep, bears S. 89° 23' E. 801.0 ft. |
| 599.6 | To Cor. No. 1. The place of beginning. |
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Feet. All location corners were found in place.

SENATOR LODGE NO. 2 LODE.

Beginning at Cor. No. 1,

Identical with the SW. Cor. of the location.

An iron pipe, 4 ins. in diameter, 4 ft. long, set 18 ins. in the ground, in a large mound of stones. Pipe is filled with cement and chiseled 1-3690-S.L.2; whence

The section corner common to Secs. 34 and 35, on the south boundary of T. 22 S., R. 15 E., G. & S.R.M., bears S. 42° 32' W. 1712.7 ft.

A branch, 10 ins. in diameter, of an oak tree, 20 ins. in diameter at base, blazed and scribed 1-3690-B.T. bears S. 50° 14' W. 36.7 ft.

Thence N. 78° 34' E.

777.0 Intersect westerly side of house, at N. 27° 14' W. 3.6 ft. from the southwest corner.

787.2 Intersect easterly side of house, at N. 27° 14' W. 0.8 ft. from the southeast corner.

789.5 To Cor. No. 2,

An iron pipe, 4 ins. in diameter, 4 ft. long, set 18 ins. in the ground, in a large mound of stones. Pipe is filled with cement and chiseled 2-3690-S.L.2; whence

The southeast corner of house bears S. 57° 33' W. 2.2 ft.

A limb, 15 ins. in diameter, of an oak tree, 3 ft. in diameter, at base, blazed and scribed 2-3690-B.T., bears S. 33° 37' E. 28.6 ft.

Thence N. 83° 29' E.

576.6 To Cor. No. 3,

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Feet.

Identical with the S.E. corner of the location.

An iron pipe, 4 ins. in diameter, 4 ft. long, set 18 ins. in the ground, in a large mound of stones. Pipe is filled with cement and chiseled 3-3690-S.L.2; whence

A limb, 13 ins. in diameter, of an oak tree, 20 ins. in diameter at base, blazed and scribed 3-3690-B.T., bears S. $75^{\circ} 49'$ E. 33.2 ft.

A limb, 10 ins. in diameter, of an oak tree, 15 ins. in diameter, blazed and scribed 3-3690-B.T., bears S. $29^{\circ} 59'$ E. 39.0 ft.

Thence N. $6^{\circ} 19'$ E.

85.0 Road to Nogales, bearing northeasterly and westerly.

307.3 East end center monument of the location, on line.

610.0 To Cor. No. 4,

On spur, bearing northeasterly and southwesterly; also

On line 1-2, Senator Lodge No. 1 lode, of this survey, at N. $82^{\circ} 54'$ E. 447.7 ft. from Cor. No. 1.

An iron pipe, 4 ins. in diameter, 4 ft. long, set 18 ins. in the ground, in a large mound of stones. Pipe is filled with cement and chiseled 4-3690-S.L.2; whence

The N.E. corner of the location bears N. $6^{\circ} 19'$ E. 30.0 ft.

No bearing objects available.

Thence S. $82^{\circ} 54'$ W.

447.7 To Cor. No. 5,

Identical with Cor. No. 1, Senator Lodge No. 1 lode, of this survey, which has been previously described; whence

An oak tree, 8 ins. in diameter, blazed and scribed 5-1-3690-B.T.; bears S. $59^{\circ} 44'$ W. 29.7 ft.

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Feet. Thence S. 79° 15' W.
 105.0 Old road to Patagonia, bearing northerly and southeasterly.

919.1 To Cor. No. 6,
 Identical with the N.W. corner of the location.
 An iron pipe, 4 ins. in diameter, 4 ft. long, set 18 ins. in the ground, in a large mound of stones. Pipe is filled with cement and chiseled 6-3690-S.L.2; whence
 An oak tree, 10 ins. in diam., blazed and scribed 6-3690-B.T., bears N. 18° 22' E. 110.2 ft.

Thence S. 6° 19' W.

305.2 West end center monument of the location, on line; whence
 The discovery, which is at the mouth of an open cut, 5 ft. wide, 7 ft. high, at face, and 20 ft. long, bears N. 77° 30' E. 708.6 ft. Course of open cut is N. 66° 10' E.

470.0 Road to Nogales, bearing northwesterly and southeasterly.

605.2 To Cor. No. 1,
 The place of beginning.

All location corners were found in place.

Variation at all corners of this survey is 13° 30' E.

LODE LINES.

As near as can be determined from present developments the veins of the several lode locations embraced in this survey extend as follows from their respective discovery points:

Senator Lode No. 1 lode, N. 89° 23' W. 801.0 ft., and
 N. 73° 03' E. 687.9 ft.

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Senator Lodge No. 2 lode, S. $77^{\circ} 30'$ W. 708.6 ft., and
N. $83^{\circ} 24'$ E. 660.1 ft.

A R E A.

Total area Senator Lodge No. 1 lode,18.299 Acres.

Total area Senator Lodge No. 2 lode,18.183 "

L O C A T I O N.

This survey is located in Sec. 35, T. 22 S., R. 15 E.
Gila and Salt River Meridian; within the Coronado National
Forest.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

The report of the expenditure of five hundred dollars
will be returned later.

OTHER IMPROVEMENTS.

Tunnel, averaging 4 x 6 ft., 140.5 ft. long, and open
cut, averaging 6 x 5 ft., 27 ft. long. The mouth of tun-
nel, where it breaks cover, bears N. $76^{\circ} 17'$ E. 825.5
ft. from Cor. No. 1, Senator Lodge No. 1 lode, of this
survey, and tunnel runs thence N. $9^{\circ} 59'$ E. 140.5 ft.
to face. Open cut runs thence S. $9^{\circ} 59'$ W. 27.0 ft.
from face, which is at mouth of tunnel.

Tunnel, averaging 4 x 4 ft., 10 ft. long, and open cut
4.5 x 4 x 18 ft. long. The mouth of tunnel, where it
breaks cover bears N. $69^{\circ} 51'$ E. 855.0 ft. from Cor. No.
1, Senator Lodge No. 1 lode, of this survey; and tunnel
runs thence N. $24^{\circ} 30'$ W. 10.0 ft. to face. Open cut
runs S. $24^{\circ} 30'$ E. 18.0 ft. from face, which is at
mouth of tunnel.

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Open cut, averaging 5 ft. wide, 6 ft. deep, 67.5 ft. long, the mouth of which, where it breaks ground, bears N. $59^{\circ} 03'$ E. 669.5 ft. from Cor. No. 1, Senator Lodge No. 1 lode, of this survey; and cut runs thence S. $23^{\circ} 30'$ E. 23.5 ft. to point "a"; thence S. $8^{\circ} 00'$ E. 33.0 ft. to face. From point "a" cut also runs thence S. $85^{\circ} 30'$ W. 13.0 ft. to face.

Open cut, averaging 6 x 3.5 ft., 15 ft. long, the mouth of which, where it breaks ground, bears N. $73^{\circ} 23'$ E. 712.7 ft. from Cor. No. 1, Senator Lodge No. 1 lode of this survey; and cut runs thence N. 17° E. 15.0 ft. to face.

Open cut, averaging 8 x 10 x 3 ft. deep, the center of which bears N. $68^{\circ} 01'$ E. 903.0 ft. from Cor. No. 1, Senator Lodge No. 1 lode of this survey.

Shaft 5 x 6 x 8.0 ft. deep, the center of which bears N. $63^{\circ} 58'$ E. 599.0 ft. from Cor. No. 1, Senator Lodge No. 1 lode, of this survey.

Shaft 4 x 6 x 7.5 ft. deep, the center of which bears N. $67^{\circ} 10'$ E. 945.0 ft. from Cor. No. 1, Senator Lodge No. 1 lode, of this survey.

Tunnel, averaging 4 x 6 ft., 19.5 ft. long, and open cut averaging 5 x 5 ft., 20 ft. long. The mouth of tunnel, where it breaks cover, bears S. $57^{\circ} 28'$ W. 365.0 ft. from Cor. No. 4, Senator Lodge No. 2 lode, of this survey; and tunnel runs thence N. $42^{\circ} 37'$ E. 1.5 ft. to a point; thence N. 23° E. 18.0 ft. to face. Open cut runs S. $42^{\circ} 37'$ W. 20.0 ft. from face, which is at mouth of tunnel.

Store house, 24.2 ft. x 26.3 ft., the SW. corner of which bears N. $5^{\circ} 29'$ E. 103.7 ft. from Cor. No. 2 Senator Lodge No. 2 lode of this survey. Course of long

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side is N. 14° W. Claimant herein.

House, the SE. corner of which bears S. 57° 33' W. 2.2 ft. from Cor. No. 2, Senator Lodge No. 2 lode, of this survey; thence N. 27° 14' W. 31.4 ft.; thence S. 62° 46' W. 31.9 ft.; thence S. 27° 14' E. 16.3 ft.; thence N. 62° 46' E. 22.1 ft.; thence S. 27° 14' E. 15.1 ft.; thence N. 62° 46' W. 9.8 ft. to SE. corner, the place of beginning. A porch 7.4 x 32.2 ft. extends across the NW. face of building. Claimant herein.

A frame house, 12.3 ft. x 25.6 ft., the SW. corner of which bears N. 33° 05' W. 129.7 ft. from Cor. No. 2 Senator Lodge No. 2 lode, of this survey. Course of long side is N. 83° E. Claimant herein.

A frame house 12 x 14 ft., the SE. corner of which bears N. 54° 25' W. 143.2 ft. from Cor. No. 2, Senator Lodge No. 2 lode of this survey. Course of long side is N. 83° E. Claimant herein.

Note:

The cuts, tunnels, and shafts, described above, were done by Col. R. R. Richardson prior to the date of location of the Senator Lodge No. 1, and Senator Lodge No. 2 lodes, of this survey; and so could not be applied as an expenditure of five hundred dollars to same.

I N S T R U M E N T.

This survey was made with a Lietz transit. The courses were deflected from the true meridian as determined by a direct solar observation, the details of which are returned herewith. The distances were measured with a 100 ft. and two 300 ft. steel tapes.

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R E P O R T.

The section corner common to Secs. 34 and 35 on the south boundary of T. 22 S., R. 15 E., G. & S.R.M., is an iron pipe, 3 ins. in diam., with brass cap on top, and extends 3 ft. above the ground, and is set in a large mound of stones. Brass cap is marked T 22 S on north half; T 23 S 1913 on south half; R 15 E on west; S 34 in NW. quadrant; S 35 in NE. quadrant; S 2 in SE. quadrant; and S 3 in SW. quadrant. Corner further identified by two oak bearing trees.

34 | 35
 334 C | C
 8

I was unable to find the $\frac{1}{4}$ sec. corners on the east and west boundaries of Sec. 35 T. 22 S., R. 15 E., G. & S.R. M.

The iron post set for the $\frac{1}{4}$ sec. cor. on the south boundary of Sec. 35 T. 22 S., R. 15 E., G. & S.R.M., has been destroyed or carried away. I found a mound of stones at the approximate location of said corner.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Frank Anderson

United States 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 Patagonia Superior Copper Company known as the Senator Lodge No. 1 and Senator Lodge No. 2 Lodes and showing the respective capacities in which they acted.

W. C. Kleinpell , Chainman.

John Kyle , Chainman.

..... , Axman.

..... , Flagman.

FINAL OATHS OF ASSISTANTS.

We, W. C. Kleinpell and John Kyle

and , do solemnly swear that we assisted Frank

Anderson, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Patagonia Superior Copper

Company, known as the Senator Lodge No. 1

known as the and Senator Lodge No. 2 Lodes

represented in the foregoing field notes as having been surveyed by said 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 instruc-

tions furnished by the United States Surveyor-General for Arizona

W. C. Kleinpell , Chainman.

John Kyle , Chainman.

..... , Axman.

..... , Flagman.

Subscribed and sworn to by the above-named persons before me this 2nd

day of August, 1920

D. D. Pierce

Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Frank Anderson, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
July 13- 1920, 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 Patagonia Superior Copper Company
, known as the
Senator Lodge No. 1 and Senator Lodge No. 2 Poles
situate in Harshaw Mining District,
Santa Cruz County, Arizona, in Section
35, Township No. 22 S., Range No. 15 E. G. & S. R. M.,
and designated as Survey No. 3690, 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 per-
petuated in strict accordance with the law, official regulations and instructions there-
under; 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~~ 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.~~

Frank Anderson
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Frank Anderson
U. S. Mineral Surveyor, before me D. B. Pierce
this 2nd
day of August, 1920

D. B. Pierce
Notary Public

My commission expires Sept. 20, 1923

U. S. SURVEYOR GENERAL'S FINAL CERTIFICATE ON
FIELD NOTES.

DEPARTMENT OF THE INTERIOR,
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

November 28, 1921.

I, U. S. Surveyor General for District of Arizona,
do hereby certify that the foregoing transcript of the Field Notes, return and approval
of the Survey of the mining claim of

Patagonia Superior Copper Company
, known as the SENATOR LODGE NO.1, and SENATOR LODGE NO.2
lodes, situate in Harshaw
Mining District, Santa Cruz County,
Arizona, in Section 35, Township No. 22 S.
Range No. 15 E., and designated as Survey

No. 3690, has been correctly copied from the originals on
file in this office; that said Field Notes furnish such an accurate description of said
mining claim as will, if incorporated into a patent, serve fully to identify the premises,
and that such reference is made therein to natural objects or permanent monuments as
will perpetuate and fix the locus thereof.

~~And I further certify that five hundred dollars' worth of labor has been expended
or improvements made upon said mining claim by claimant or its grantors, and
that said improvements consist of~~

~~and that no portion of said labor or improvements has been included in the estimate of
expenditures upon any other claim.~~

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix,
Arizona, is correct and in conformity with the foregoing Field Notes.

Frank P. Trott

United States Surveyor General for Arizona.

SURVEYOR GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR OFFICE OF U. S. SURVEYOR GENERAL

Phoenix, Arizona,

November 28, 1921

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

Ratagonia Superior Copper Company

, known as the

SENATOR LODGE NO.1, and SENATOR LODGE NO.2 lodes

situate in Harshaw mining district,

Santa Cruz County, Arizona

in Section 35, Township No. 22 S., Range No. 15 E.

, designated as Survey No. 3690

executed by Frank Anderson, U. S. Mineral

Surveyor, July 19 - 26, 1921, under my instructions dated

July 13, 1920, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and made

a part of the transcript of the field notes.

[Handwritten signature]

U. S. Surveyor General for Arizona.