

4-683.

MINERAL SURVEY No. 2710

LOT No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Henry Lovin

KNOWN AS THE

Tip Top

San Francisco Mining District,

Mohave County, Arizona.

Section Approx., Township 19 N., Range 20 W., G. & S. R. B. & M., unsur.

Surveyed under instructions dated August 10, 1909.

by Peter Mc Cardell
U. S. Deputy Mineral Surveyor.

Claim located See location notice, 19

Survey commenced August 14, 1909

Survey completed August 16, 1909

6-822

Address, Henry Lovin,
Kingman, Arizona.

Ft.

SURVEY No. 2710.

TIP TOP LODE.

Beginning at Cor. No. 1.

On line 3-4 Thomas B. Reed lode, Survey No. 2610, at
S. $59^{\circ} 46'$ E. 247.87 ft. from Cor. No. 3 and N. $59^{\circ} 46'$
W. 1136.13 ft. from Cor. No. 4.

A pine post, 4 1/2 ft. long, 4 ins. square, set 18 ins.
in the ground, mound of stone, scribed 1-2710 T. T.,
whence

A cross (X) and B. O. 1-2710, scribed on the S. W.
corner of a building 3 ft. above the ground, bears S.
 $85^{\circ} 31'$ E. 41.45 ft., U. S. L. M. No. 1602, San Francis-
co Mining District, bears S. $79^{\circ} 16' 27''$ W. 6334.76 ft.,
no other bearing objects available. *76° 45' 14" 6469.4 (letter from
Mr. Candell
dated Oct. 28, '09.)*

Thence N. $37^{\circ} 55'$ E.

Va. $15^{\circ} 16'$ E.

85.32 Intersect the west side line of Tom Reed Extension lode,
unsurveyed, at N. $49^{\circ} 46'$ W. 159.59 ft. from the S. E.
Cor. and S. $49^{\circ} 46'$ E. 563.41 ft. from the west side line
post.

188 Road, course N. W. and S. E.

300 To northwest end center.

A pine post 4 1/2 ft. long, 4 ins. square, set 18 ins.
in the ground, mound of stone, scribed N. W. E. C. T. T.

600 To Cor. No. 2.

A pine post, 4 1/2 ft. long, 4 ins. square, set 18 ins.
in the ground, mound of stone, scribed 2-2710 T. T.,
whence

A cross (X) and B. R. 2-2710, chiseled on a porphyry
rock 4 ft. above the ground, bears N. $18^{\circ} 27'$ W. 76.5 ft.
no other bearing objects available.

Ft.

SURVEY No.2710 - Continued.

TIP TOP LODE - Continued.

Thence S. 59° 46' E.

Va. 15° 01' E.

173.2 Intersect the southeast end line of Tom Reed Extension lode, unsurveyed, at S. 36° 20' W. 51.16 ft. from the N. E. corner, and N. 36° 20' E. 248.84 ft. from the southeast end center; S.E.Cor. Tom Reed Extension lode, brs.S.41°37'W. 296.1 ft. from the S.E.end center thereof.

1062.4 To Cor. No.3.

Identical with the N. E. Cor. of the Rising Sun lode, unsurveyed.

A pine post, 4 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, mound of stone, scribed 3-2710 T. T.

whence

A cross and B. R. 3-2710, chiseled on a porphyry rock 4 ft. above the ground, bears N. 13° 28' W. 61.2 ft., no other bearing objects available.

Thence S. 37° 55' W.

Va. 15° 10' E.

Along the northwest end line of Rising Sun lode, unsurveyed.

300 To southeast end center.

A pine post, 4 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, mound of stone, scribed S. E. E. C. T. T. 2710.

600 To Cor. No.4.

Identical with the N. W. Cor. of Rising Sun lode, unsurveyed.

On line 4-3 Thomas B. Reed lode, Survey No.2610, at N. 59° 46' W. 73.73 ft. from Cor. No.4 and S. 59° 46' E. 1310.27 ft. from Cor. No.3.

Ft.

SURVEY No.2710 - Continued.

TIP TOP LODE - Continued.

A pine post, 4 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, mound of stone, scribed 4-2710 T. T. whence

A cross(X) and B. R. 4-2710, chiseled on a porphyry rock 2 ft. above the ground, bears N. 41° 44' E. 75.3 ft. Cor. No.2, Giant Lode, Survey No.2704, bears S. 10° 55' W. 2770.4 ft., Monument on boundary cone bears S. 34° 10' W., no other bearing objects available.

Thence N. 59° 46' W.

Va. 15° 09' E.

Along line 4-3 Thomas B. Reed lode, Survey No.2610.

385 Same road, course N. W. and S. E.

1062.4 To Cor. No.1 the place of beginning.

LODE LINE.

As near as can be determined from present developments, the vein of the location embraced in this claim extends as follows from the discovery point: 419.7 ft. N. 59° 46' W., and 642.7 ft. S. 59° 46' E.

This survey is identical with the location.

AREA.

Total area..... 14.501 Acres

Area in conflict with Tom Reed Extension

lode, unsurveyed, 2.089 " "

LOCATION.

This claim is located approximately in T. 19 N. R. 20 W., G. & S. R. B. & M, unsurveyed, in San Francisco Mining District, Mohave County.

SURVEY No.2710 - Continued.

TIP TOP LODE - Continued.

ADJOINING CLAIMS.

The adjoining claim on the S. E. end is the Rising Sun lode, unsurveyed, S. S. Jones, claimant. On the S. W. side, Thomas B. Reed lode, Survey No.2610, Tom Reed Gold Mines Company, claimant. On the N. W. End is the Tom Reed Extension lode, unsurveyed, claimants unknown.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimant and his grantors, is not less than five hundred dollars, and that said improvements consist of:

No.1. The discovery shaft, on the center line 419.7 ft. from the N. W. end center, 4 X 6 ft., 27 ft. deep, in rock. Value, \$ 405.

No.2. A shaft, which bears from Cor. No.1, N. 80° 45' E. 340 ft., 4 X 6 ft., 10 ft. deep, in rock. Value, \$ 80.

No.3. A shaft, which bears from Cor. No.1, S. 84° 15' E. 462 ft., 4 X 6 ft., 10 ft. deep, in rock. Value, \$ 80.

No.4. An open cut, the face of which bears from Cor. No.1. S. 73° 44' E. 440.5 ft., 8 ft. wide, 6 ft. face running S. 15° W. 16 ft. Value, \$ 20.

OTHER IMPROVEMENTS.

A building, the N. W. Cor. of which bears from Cor. No.1, S. 65° 42' E. 172.5 ft., 28 X 70 ft., course of long side N. 42° 51' W.

A building, the N. W. corner of which bears from Cor. No.1 S. 83° 41' E. 319.3 ft., 17 X 64 ft., course of long side N. 33° 16' W.

SURVEY No.2710 - Continued.

TIP TOP LODE - Continued.

Instrument.

This survey was made with a Buff and Berger Transit. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with 100-ft. and 500-ft. steel tapes.

 REPORT.

The lode line of this claim was run directly upon the ground, and the several corners established by means of offsets from the lode line. All tie lines were run directly upon the ground or by traverses, run upon the ground and submitted in a separate report herewith.

Sur. No.2610 Thomas B. Reed lode:

Cor. No.3 and 4 are pine posts, properly set and scribed with the number of corner and survey.

I find the course and distance of line 3-4 of that lode and survey to be correct as approved.

By calculations I find the following errors in former approved surveys: The tie line from Cor. No. 1 Thomas B. Reed, Survey No. 2610, is S. 81° 01' 40" W. 5692.07 ft. instead of S. 78° 10' W. 5820 ft. as given. I did not resurvey lines 1-2 and 2-3 Thomas B. Reed lode, Survey No. 2610, and I presume those lines are as given in that survey, but I find that the course and distance from Cor. No. 3, Thomas B. Reed lode, Survey No. 2610, to U.S.L.M. No. 1602, to be S. 77° 45' 35" W. 6149.52 ft. as surveyed by me.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Peter McCardell

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 _____

Henry Lovin

known as the Tip Top

and showing the respective capacities in which they acted.

Eric Long

, Chainman.

, Chainman.

, Axman.

, Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~, I Eric Long

and _____, do solemnly swear that ~~we~~ ^I assisted _____

Peter McCardell, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Henry Lovin

known as the Tip Top

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 instructions furnished by the United States Surveyor-General for _____

Eric Long

, Chainman.

, Chainman.

, Axman.

, Flagman.

Subscribed and sworn to by the above-named persons before me this 19th

day of August, 1909

My Commission Expires
Aug. 19th 1911

P. McCardell
Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Peter Mc Cardall, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated August 10 1909, 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 Henry Lovin, known as the Tip Top, situate in San Francisco Mining District, Mohave County, Arizona, in Section Approx., Township No. 12 N., Range No. 20 W., G. & S. R. B. & M., unsur., and designated as Survey No. 2710, 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 his 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.

Peter Mc Cardall
 U. S. Mineral Surveyor.

Subscribed and sworn to by the said Peter Mc Cardall
 U. S. Mineral Surveyor, before me C. G. Krook, a Notary Public
in and for Mohave County, Arizona, this 20th.
 day of August, 1909

C. G. Krook
 Notary Public.

My commission expires March 9, 1913.

Affidavit of Five Hundred Dollars Improvements.

We, James O Reilly and J. N. Hart

of lawful age, being first duly sworn according to law, depose and say: That we are

acquainted with the Tip Top mining claim,

situate in San Francisco Mining district, Mohave County,

Arizona Territory, for which Henry Lovin

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 applicant and grantor exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

James O Reilly
J. N. Hart

TERRITORY OF ARIZONA, }
County of Mohave } ss:

Sworn to and subscribed before me, this 19th

day of August, 1909



W. M. Cardell
Notary Public

27669b1m2-07

My Commission Expires
Aug. 19th 1911

NOTICE OF MINING LOCATION

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Up Up Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by.....

Henry Loom

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 25th day of October 1908

The length of this claim is fifteen hundred feet, and 2 claim 0700 feet

in a South East direction and 750 feet in a North West direction

from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds,

on each side of the center of said claim. The general course of the lode deposit and premises is from the.....

North West to the South East

The claim is situated and located in the Sau Francisco Mining District, in County, in the Territory of Arizona, about 400 yards

in a a northly direction from that is known as the Iron Red Mine

The surface boundaries of the claim are marked upon the ground as follows: Beginning at.....

a post

at a point in a Northwestly direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the North West end line

of said claim; thence 300 feet to a Monument being the North East corner of said claim; thence fifteen hundred feet

to a Monument being at the South East corner of said claim; thence three hundred feet to a Monument at the center

of the South East end of said claim, thence three hundred feet to a Monument being at the South West corner of said claim;

thence fifteen hundred feet to a Monument at the North West corner of said claim; thence three hundred feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled, "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground, this 5 day of Oct 1908

Henry Loom

Filed and recorded at request of H. Loom this 19th day

Dec A. D. 1908, at 9 o'clock 9 M.

RA Robertson

County Recorder.

Book 99 Page 574

TERRITORY OF ARIZONA, }
COUNTY OF MOHAVE. } SS.

I, R. A. Robertson Recorder of Mohave County, Territory

of Arizona, do hereby certify that I have compared the foregoing copy of the
Tip Top Lode Mining Claim

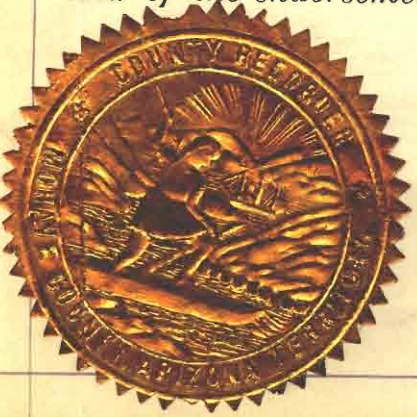
and of the endorsement thereupon with the original records of the same on file in this
office, and that the same are correct transcripts therefrom and
of the whole of said original records.

WITNESS my hand and the seal of said office, this

9th day of August 199

R. A. Robertson

Recorder of Mohave County.



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

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

Phoenix, Arizona,

October 19, 1909.

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

Henry Lovin

, known as the TIP TOP

, situate in San Francisco

Mining District, Mohave County,

Arizona, in Section Approx., Township No. 19 N.,

Range No. 20 W., G. & S. R. B. & M., unsur., and designated as Survey

No. 2710, 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 his grantors, and
that said improvements consist of 3 shafts and 1 cut, total value \$585.00

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 S. Ingalls,

United States Surveyor General for Arizona.

APR 9-1912

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According to instructions in your letter of the 3rd, inst I have made a careful survey of the tie line from Cor. No.1 Tip Top lode, survey No.2710, to U. S. L. M. No.1602, San Francisco Mining District, Mohave County, Arizona, and I find said tie line to be S. 76° 42' W. 6456.42 ft.

When I run said tie line at a point 594.58 ft. from Cor. No.1 Tip Top lode, I run a line S. 7° 57' W. 153.24 ft. to Cor. No.1 Thomas B. Reed lode, Survey No.2610, and by calculations I find the tie line from Cor. No.1 Thomas B. Reed lode to be S. 78° 06' 33" W. 5808.05 ft., instead of S. 78° 07' W. 5804.15 ft. as we, Mr. Shader and myself, jointly agreed upon and was reported to your office on October 5th. 1911. Practically the difference being 3.9 ft. in distance.

In making this survey I was very careful in taking the course and distances, using a 500 ft. steel tape; slope angles and slope measures were taken at each setting of the transit and reduced to the horizontal. The courses were deflected from the true meridian as determined from direct solar observations and observation on Polaris.

U. S. L. M. No.1602 cannot be seen from Cor. No.1 of Tip Top and Thomas B. Reed lodes on account of a small mountain located between them about 800 ft. from Cor. No.1 Tip Top lode. I established a point on top of said mountain on the tie line between Cor. No.1 Tip Top lode and U. S. L. M. No.1602 and then run a true line on the course set out.

Survey made April 6th. 1912.

Peter M. Cordell
U.S. Mineral Surveyor

Subscribed and sworn to before me this 8th. day of April, A. D. 1912.

~~My commission expires~~

August H. Smith
U.S. Notary Public.
Commissioner

not included in transcript

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,

Phoenix, Arizona,

October 19, 1909

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

Henry Lovin

, known as the

TIP TOP

situate in San Francisco Mining District,

Mohave County, Arizona,

in Section Approx., Township No. 19 N., Range No. 20 W., G. & S. R. B. & M., unsur. designated as Survey No. 2710

executed by Peter McCardell, U. S. Deputy Mineral

Surveyor, Aug. 14-16, 1909, under my instructions dated

Aug. 10, 1909, 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. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.

Handwritten signature of Frank J. ...

U. S. Surveyor-General for Arizona.

USLM No 1602

This angle is 1° 24' 38"

Tie line from Cox 1 T.B. Reed to U.S.L.M. No 1602 - S. 78° 06' 38" W. 5808.05 Ft.
Tie line from Cox 1 Tip Top to U.S.L.M. No 1602 - S. 76° 42' W. 6456.42 ft.

Mountain Range

T.B. REED

TIP TOP

Point on tie line

153.24

29.15

24.18

21.91

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