

Copied Aug. 12, 1909.

A. L. H.

*Platted Aug 18, 1909
A.L.H.*

JUL 9-1909

AUG 9-1909

4-683.

MINERAL SURVEY No. 2642

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Twin Buttes Mining and Smelting Company

KNOWN AS THE

Senator Stewart

Pima Mining District,

Pima County, Arizona

Section ⁽³⁶⁾ ₍₃₁₎, Township ^(17 S.) _(17 S.), Ranges ^(12 E.) _(13 E.)

Surveyed under instructions dated March 8th., 1909

by Wm. C. Goetz
U. S. Mineral Surveyor.

Claim located See Amended Location Notice, 19

Survey commenced March 24th., 1909

Survey completed March 25th., 1909

6-822

Address;

Frank H. Hereford, Attorney,
Tucson, Arizona

Survey No. 2642.

Feet

Senator Stewart Lode.

Beginning at Cor. No. 1, identical with the N.W. Cor. of the amended location; on Southerly slope of butte. A x in an andesite boulder 6 x 12 ins., 31 ins. long, set 19 ins. in ground, chiseled S.S.1-2642, with mound of stone 3 ft. base by 2 ft. high alongside to N.

The Cor. common to Secs. 25 & 36, T. 17 S. R. 12 E., and Secs. 30 & 31, T. 17 S. R. 13 E., G. & S. R. B. & M. bears N. $80^{\circ}27'30''$ E. 367.3 ft. dist.

Cor. No. 1 of the Copper Prince Lode, Mineral Survey No. 2641, bears N. $60^{\circ}57'30''$ W. 610.5 ft. dist.

Cor. No. 1 of the James G. Blaine Lode, Mineral Survey No. 2640, bears S. $82^{\circ}03'40''$ E. 715.7 ft. dist.

Thence S. $41^{\circ}00'30''$ W.

on line 1-2, descending slope

110. toe of slope

300. N.Westerly E. C., identical with the N.Westerly E. C. of the amended location; a x in an andesite boulder 6 x 12 ins., 24 ins. long, set 16 ins. in ground, with mound of stone 3 ft. base by $2\frac{1}{2}$ ft. high alongside to S.

500. S.E. Cor. of Crazy Horse Lode, unsurveyed, and adjoining this survey on the N.W.

600. Cor. No. 2, identical with the S.W. Cor. of the amended location; a x in an andesite boulder 9 x 16 ins., 25 ins. long, set 16 ins. in ground, chiseled S.S.2-2642, with mound of stone 3 ft. base by $2\frac{1}{2}$ ft. high alongside to S.

Thence S. $48^{\circ}50'30''$ E.

on line 2-3, over level ground

100. center of wash 30' ft. wide running E.

1005.5 intersect range line between R. 12 & 13 E., G. & S. R. B. & M. at S. $0^{\circ}03'$ E. 1175.4 ft. from the N.E. Cor. of Sec. 36, T. 17 S. R. 12 E., and N. $0^{\circ}03'$ W. 1457.1 ft. from the E. $\frac{1}{4}$ Sec. Cor. of said Sec.

1427.7 intersect the W. end line of the Night Hawk Lode, unsurveyed,

Feet

at N. 22° 01' 30" E. 37.4 ft. from the S.W. Cor. thereof, and
 S. 22° 01' 30" W. 262.6 ft. from the W. E. C. of said lode.
 1457.7 Cor. No. 3, identical with the S.E. Cor. of the amended loca-
 tion; a x in an andesite rock 12 x 17 ins., 31 ins. long, set
 20 ins. in ground, Chiseled S.S.3-2642, with mound of stone 3
 ft. base by 2 ft. high alongside to S.

The S.W. Cor. of aforesaid Night Hawk Lode bears S. 67°
 27' W. 39 ft. dist., and the W. E. C. of said lode bears N.
 16° 14' E. 275.3 ft. dist.

Thence N. 41° 00' 30" E.
 on line 3-4

285. center of wash 3 ft. wide running E.
 300. S. Easterly E. C., identical with the E. E. C. of the amende-
 ed location; a x in an andesite rock 9 x 11 ins., 27 ins.
 long, set 18 ins. in ground, with mound of stone 3 ft. base
 by 3 ft. high alongside to N.

411. top of low ridge; descend N. slope of same
 555. toe of slope

600. Cor. No. 4, identical with the N.E. Cor. of the amended loca-
 tion; a x in a limestone boulder 6 x 8 ins., 28 ins. long, set
 20 ins. in ground, chiseled S.S.4-2642, with mound of stone
 4 ft. base by 2½ ft. high alongside to N.

A x in a limestone rock in place on N. bank of 30 ft. wash
 bears N. 35° 32' E. 49.2 ft. dist. I chiseled same S.S.4-2642
 B.R.

Thence N. 48° 50' 30" W.
 on line 4-1

100. center of wash 30 ft. wide running E.
 183. toe of Southerly slope of butte. Ascend slope
 976.1 intersect range line between R. 12 & 13 E. at S. 0° 03' E.
 377.9 ft. from the N.W. Cor. of Sec. 31, T. 17 S. R. 13 E.,
 and N. 0° 03' W. 2254.6 ft. from the W. ¼ Sec. Cor. of said
 Sec. 31.

1457.7 Cor. No. 1, the place of beginning.
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Lode Line.

As near as can be ascertained from surface indications and present development, the veins of the Senator Stewart Lode extend from the discovery shaft S. 48° 50' 30" E. 701.6 ft. and N. 48° 50' 30" W. 756.1 ft.

Area.

Area of Senator Stewart Lode----- 20.079 Acres

Location.

This survey is located in the N.W. 1/4 Sec. 31, T. 17 S. R. 13 E., and in the N.E. 1/4 Sec. 36, T. 17 S. R. 12 E., G. & S. R. B. & M., Pima Mining District, Pima County, Arizona.

Adjoining Claims.

This survey is adjoined on the S.E. by the Night Hawk, unsurveyed, located by Pat. Fogarty and John Devine; on the S.W. by the Copper Eagle Nos. 7 and 8, both unsurveyed, located by The Twin Buttes Mining and Smelting Company; on the N.W. by the Crazy Horse, unsurveyed, located by Charles Ashburn and J. D. White; on the N.E. by unsurveyed claims, the names and claimants of which are unknown.

Expenditure of Five Hundred Dollars.

I hereby certify that the value of the labor and improvements made upon, or for the benefit of, the location embraced in said mining claim by the claimant or its grantors, is not less than five hundred dollars, and that said improvements consist of, as follows:

From the N.Westerly E. C.

No. 1 - The discovery shaft 4 x 6 ft., 10 ft. deep, bears S. 48° 50' 30" E. 756.1 ft. dist.

Value \$100.00

From a point N. 31° 28' 30" W. 300. ft. from Cor. No. 3,
No. 2 - A shaft 4 x 6 ft., 40 ft. deep, partly timbered, bears N.
26° 30' W. 449. ft. dist.

Value \$600.00

No. 3 - A shaft 3 x 8 ft., 10 ft. deep, bears N. 23° 49' W.
369. ft. dist.

Value \$100.00

No. 4 - A shaft 4 x 12 ft., 4 ft. deep, bears N. 10° 57' W.
291. ft. dist.

Value \$60.00

No. 5 - A shaft 5 x 10 ft., 10 ft. deep, bears N. 4° 14' W.
236. ft. dist.

Value \$150.00

No. 6 - A shaft 4 x 6 ft., 4 ft. deep, bears N. 8° 59' E.
182. ft. dist.

Value \$40.00

From Cor. No. 3

No. 7 - A shaft 5 x 15 ft., 10 ft. deep, bears N. 6° 23' E.
398. ft. dist.

Value \$250.00

No. 8 - A shaft 5 x 8 ft., 20 ft. deep, bears N. 17° 52' E.
377. ft. dist.

Value \$250.00

Total value \$1550.00

Instrument.

This survey was made with a Seelig & Kandler Engineers Transit graduated to 30 seconds, and all courses were deflected from a true meridian as determined by direct Polaris observation, The distances were measured with a "Lufkin" 300 ft. steel tape, together with mercury plummets.

Report.

The Cor. common to Secs. 25 & 36, T. 17 S. R. 12 E., and Secs. 30 & 31, T. 17 S. R. 13 E., G. & S. R. B. & M. is a stone 8 x 14 ins., 23 ins. long, set on the ground and surrounded by a mound of stone 1½ ft. high by 4 ft. base.
Cor. No. 1 of the Copper Prince Lode, Mineral Survey No. 2641, is a x in a limestone rock 12 x 17 ins., 30 ins. long,

set 22 ins. in ground, chiseled C.P.1-2641, with mound of stone 3 ft. base by 2 ft. high alongside to S.

Cor. No. 1 of the James G. Blaine Lode, Mineral Survey No. 2640, is a x in a quartzite rock 12 x 19 ins., 24 ins. long, set 19 ins. in ground, chiseled J. G. B. 1-2640, with mound of stone 3 ft. base by 3 ft. high alongside to S.

The S.E. Cor. of the Crazy Horse Lode is a mound of stone 2 ft. base by 1½ ft. high.

The S.W. Cor. and the W. E. C. of the Night Hawk Lode each consists of a stick 3 ft. long set in a mound of stone 2 ft. base by 1 ft. high. The S.E. Cor. of said lode consists of a stick 3 ft. long set in a mound of stone 3 ft. base by 2 ft. high. After a diligent and thorough search for the N.W. and N.E. Cors. of said lode no traces of same could be found.

The E. ¼Sec. Cor. of Sec. 36, T. 17 S. R. 12 E. consists of a stick 2 ft. long set in a mound of stone 1½ ft. base by ½ ft. high.

The difference in the length of the side lines between this survey and the location, are due to errors in the location. The side center monuments described in the location could not be found after a diligent and thorough search was made for the same.

The great size and permanency of the monuments established for this survey are considered by me quite superior to any available bearings not enumerated herein.

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Variation.

The variation at all corners was 13° E.

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William C. Goetz
U. S. Mineral Surveyor

Tucson, Arizona, June 30th. 1909.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by William C. Goetz
 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 _____
The Twin Buttes Mining and Smelting Company
 known as the Senator Stewart
 and showing the respective capacities in which they acted.

W. W. Logan _____, *Chainman.*
M. A. Martinez _____, *Chainman.*
 _____, *Aceman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, W. W. Logan
 and M. A. Martinez _____, do solemnly swear that we assisted William C.
Goetz _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of The Twin Buttes Mining and Smelting Com-
pany _____
 known as the Senator Stewart
 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 _____

William W. Logan _____, *Chainman.*
Marcos A. Martinez _____, *Chainman.*
 _____, *Aceman.*
 _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 7th _____

day of July _____, 1909

My Commission Expires Jan 30th, 1911

James D. ...
Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, William C. Goetz, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
March 8th, 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 The Twin Buttes Mining and Smelting Company
, known as the
Senator Stewart
situate in Pima Mining District,
Pima County, Arizona, in Section
36, Township No. 17 S., Range No. 13 E. G. & S. R. B. & M.
and designated as Survey No. 2642, 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 its 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.

William C. Goetz
U. S. Mineral Surveyor

Subscribed and sworn to by the said William C. Goetz
U. S. Mineral Surveyor, before me James Deussart
Notary Public this 7th
day of July, 1909

My Commission Expires Jan 30th, 1911

James Deussart
Notary Public

Affidavit of Five Hundred Dollars Improvements.

We, W. W. Logan, and M. A. Martinez

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Senator Stewart mining claim, situate in Pima Mining district, Pima County, Arizona Territory, for which The Twin Buttes Mining and Smelting Company

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

William W. Logan

Martinez A. Martinez

TERRITORY OF ARIZONA, }
County of Pima } ss:

Sworn to and subscribed before me, this 7th

day of July, 1909

James D. Dunscomb
Notary Public.



My Commission Expires Jan 30th, 1911

Senator Stewart Mining Claim.

Amended Certificate of Location.



10
2642

The undersigned locators of the Senator Stewart Mining Claim situated in the Pima Mining District, Pima County, Arizona Territory, have learned that the original certificate of location of ^{said} this claim dated the 19th. day of September, 1896 and filed and recorded in the office of the County Recorder of said Pima County on the 23rd day of October, 1896 in Book F.F. Records of Mines, page 352 is defective in certain particulars.

Now, therefore, the said locators in accordance with the provisions of an act of the Legislative Assembly of the Territory of Arizona approved March 2", 1899 entitled an act to amend an act entitled an act concerning mines, being Act No. 42 of the 18" Legislative Assembly of the Territory of Arizona, approved March 5", 1895, and in accordance with the Acts of Congress in relation to mining claims, hereby amend said original certificate or notice of location of said mining claim to wit:

To all whom it may concern:

This mining claim, the name of which is the Senator Stewart Mining Claim, situated on lands belonging to the United States of America, and in which there are valuable mineral deposits was entered upon and located for the purpose of exploration and purchase by John Ellis and Michael Irish, the undersigned, on the 19" day of September, 1896.

The length of this claim is 1500 feet and we claim 750 feet in a westerly direction and 750 feet in an easterly 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 easterly and westerly.

The claim is situated and located in the Pima Mining District, in Pima County, in the Territory of Arizona, about 2500 feet in a south westerly direction from Twin Buttes Hofman Camp in Pima County.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a westerly direction 750 feet from the discovery shaft (at which this notice is posted being in the center of the west end line of said claim; thence northerly

TERRITORY OF ARIZONA,

County of Pima,

} ss.

I, Ben Leneef County Recorder in and

for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the Amended Senator Stewart Mining claim, situated in the Pima Mining Dist. in Pima County, Arizona Territory, located on the 6th day of April 1899 as appears of record now in my office in Book G. G. Record of Mines Pages 222 et seq.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my

official seal, at my office in Tucson, this 21st day

of November A. D. 1908

Ben Leneef
County Recorder of Pima County, Arizona.

by D. M. Shibell, deputy

300 feet to a monument of stones being the north west corner of said claim; thence easterly 750 feet to a monument of stones at the center of the north side line of said claim; thence easterly 750 feet to a monument of stones being at the north west corner of said claim; thence southerly 300 feet to a monument of stones at the center of the east end of said claim; thence southerly 300 feet to a monument of stones being at the north east corner of said claim; thence westerly 750 feet to a monument of stones being at the center of the south side line of said claim; thence westerly 750 feet to a monument of stones at the south west corner of said claim; thence northerly 300 feet to the place of beginning.

All done under of 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 Concerning Mines, approved March 20 1895 An Act amendatory thereto.

Date of this Certificate April 6", 1899.

Witness Hugh Canney
 Nat Wilde

John Ellis.
 Michael Irish.

Filed and recorded at request of John Ellis April 7 A.D. 1899 at 9. 45 A.M.

Chas. A. Shibell,
 County Recorder.

Recorded Book G.G. Records of Mines, page 222 et seq.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

October 2, 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

The Twin Buttes Mining and Smelting Company

known as the Senator Stewart

situate in Pima

Mining District, Pima County, Arizona.

in Section s 36 31, Township No. 17 S., 17 S., Range No. 12 E., 13 E., and

designated as Survey No. 2642, 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 8 shafts, total value \$1550.00

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.

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 2, 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

The Twin Buttes Mining and Smelting Company

, known as the

SENATOR STEWART.

situate in PIMA mining district,

PIMA County, ARIZONA in Section S 36 31, Township No. 17 S., Range No. 12 E. 13 E.

, designated as Survey No. 2642

executed by Wm. C. Goetz, U. S. Deputy Mineral

Surveyor, March 24-25, 1909, under my instructions dated

March 8, 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.

Frank A. Sigall

U. S. Surveyor-General for Arizona