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MINERAL SURVEY No. 2641

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

Copper Prince

Pima Mining District,

Pima County, Arizona

Section 25, Township 17 S., Range 12 E.

Surveyed under instructions dated March 8th., 1909

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

Claim located See Location Notice, 19

Survey commenced March 24th., 1909

Survey completed March 24th., 1909

6-822

Address;

Frank H. Hereford, Attorney,
Tucson, Arizona

Mineral Survey No. 2641.

Feet

Copper Prince Lode.

Beginning at Cor. No. 1, identical with the S.E. Cor. of the amended location, a x in a lime stone 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.

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 S. 75° 16' 30" E. 926.4 ft. dist.

Cor. No. 1 of the Senator Stewart Lode, Survey No. 2642, bears S. 60° 57' 30" E. 610.5 ft.

Thence N. 55° 09' 30" W.

on line 1-2, ascending slope.

- 664. Road runs Sly. to Twin Buttes Camp
- 1250. Top of slope. Descend slope.
- 1500. Cor. No. 2, identical with the S.W. Cor. of the amended location,; a x in a limestone rock 7 x 12 ins., 25 ins. long, set 15 ins. in ground, chiseled C.P.2-2641, with mound of stone 3 ft. base by 3 ft. high alongside to S.

Thence N. 34° 47' 30" E.

on line 2-3, descending slope.

- 300. W. E. C. of claim, identical with the W. E. C. of the amended location; a x in a limestone boulder 12x17 ins., 24 ins. long, set 14 ins. in ground, with mound of stone 3 ft. base by 2½ ft. high alongside to N.
- 450. Center of 3 ft. wash running N.Wly. and at toe of slope. Ascend slope.
- 558. Top of slope. Descend slope.
- 600. Cor. No. 3, identical with the N.W. Cor. of the amended location; a x in a limestone rock 7 x 9 ins., 24 ins. long, set 14 ins. in ground, chiseled C.P.3-2641, with mound of stone 3 ft. base by 3 ft. high alongside to N.

Feet Thence S. 55° 09' 30" E.

on line 3-4, ascending slope.

970. Top of ridge. Descend slope.

1500. Cor. No. 4; identical with the N.E. Cor. of the amended location; a x in an andesite rock 9 x 16 ins., 28 ins. long, set 19 ins. in ground, chiseled C.P.4- 2641, with mound of stone 3 ft. base by 2 1/2 ft. high alongside to N. This Cor. falls on Sly. slope of butte.

Cor. No. 4, James G. Blaine lode, Survey No. 2640, bears N. 4° 32' 45" E. 332.1 ft. dist.

Thence S. 34° 47' 30" W.

on line 4-1, descending Sly. slope.

300. E. E. C. of claim, identical with the E. E. C. of the amended location; a x in a limestone in place with mound of stone 3 ft. base by 3 ft. high to S.E. of x.

600. Cor.No. 1, the place of beginning.

* * * * *

Lode Line.

As near as can be ascertained from surface indications and present development, the veins of the Copper Prince Lode extend from the discovery shaft N. 55° 09' 30" W. 567. ft., and S. 55° 09' 30" E. 933. ft.

* * * * *

Area.

Area of the Copper Prince Lode-----Acres 20,661

No conflicts.

* * * * *

Location.

This survey is located in the S.E. 1/4 Sec. 25, T. 17 S., R. 12 E. G. & S. R. B. & M., in Pima Mining District, Pima County, Arizona.

* * * * *

Adjoining Claims.

This claim is adjoined on the E. by the Crazy Horse, unsurveyed, located by Charles Ashburn and J. D. White; on the S. by the Fool's Luck, unsurveyed, located by Charles Ashburn and J. D. White; on the W. by the Brooklyn, owned by the Hugh Canny Estate; and unsurveyed; and on the N. by a Chapultapec Mining Company claim, the

name of which can not be ascertained.

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 a point on line 1-2, 300 ft. from Cor. No. 2

No. 1 - The discovery shaft 4 x 6 ft., 10 ft. deep, bears N. 76° 31' E. 405. ft. dist.

Value \$100.00

No. 2 - A shaft 18 x 18 ft., 23 ft. deep, bears N. 76° 31' E. 463. ft. dist.

Value \$1500.00

No. 3 - A shaft 4 x 5 ft., 10 ft. deep, bears S. 64° 18' E. 442. ft. dist.

Value \$85.00

No. 4 - A shaft 4 x 6 ft., 45 ft. deep and partly timbered, bears N. 12° 30' E. 209. ft. dist.

Value \$450.00

No. 5 - The mouth of an open cut 4 ft. wide by 8 ft. face and running N. 8° E. 20 ft., bears N. 8° 30' E. 245. ft. dist.

Value \$120.00

No. 6 - A shaft 4 x 6 ft., 10 ft. deep, bears N. 0° 28' W. 236. ft. dist.

Value \$100.00

Total value \$2355.00

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 1 1/2 ft. high by 4 ft. base.

Cor. No. 1 of the Senator Stewart Lode, Mineral Survey No. 2642, is 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.

Cor. No. 4 of the James G. Blaine Lode, Mineral Survey No. 2640, is a x in a granite rock 12 x 16 ins., 28 ins. long, set 19 ins. in ground, chiseled J.G.B.4-2640, with mound of stone 3 ft. base by 3 ft. high alongside to S.

The side center monuments described in the location could not be found after a thorough search was made for the same.

The difference in the location of the discovery shaft between this survey and the location, is due to an error in the location.

Variation.

The variation at all corners was 13° E.

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 Copper Prince

and showing the respective capacities in which they acted.

W. W. Logan _____, *Chainman.*

M. A. Martinez _____, *Chainman.*

_____, *Acman.*

_____, *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 Company

known as the Copper Prince

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.*

M. A. Martinez _____, *Chainman.*

_____, *Acman.*

_____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 6th

day of August, 1909

My Commission Expires Jan 30th, 1911.

James D. Duesch
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
Copper Prince,
situate in Pima Mining District,
Pima County, Arizona, in Section
25, Township No. 17 S., Range No. 12 E., G. & S. R. B. & M.,
and designated as Survey No. 2641, 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 Dunscomb

a Notary Public

this 6th

day of August, 1909

My Commission Expires Jan 30th, 1911.

James Dunscomb
Notary Public.

Affidavit of Five Hundred Dollars Improvements.

We, *William W. Logan*, and *Manuel A. Martinez*

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Copper Prince 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 applicant and its grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

William W. Logan

Manuel A. Martinez

TERRITORY OF ARIZONA,
County of Pima } ss:

Sworn to and subscribed before me, this 6th

day of August, 1909

James D. ...
Notary Public.



6986b500-2-03

My Commission Expires Jan 30th, 1911

2641



Copper Prince Mining Claim.

Amended Certificate of Location.

The undersigned locators of the Copper Prince Mining Claim situated in the Pima Mining District, Pima County, Arizona Territory, having learned that the original certificate of location of said claim dated the 1st. day of January 1896 and filed and recorded in the office of the County Recorder of said Pima County on the 31st day of March 1896 in Book F.P. Records of Mines page 223 and 224 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 2nd 1899 entitled an act to amend an act entitled An Act Concerning Mines, being Act No. 42 of the 18th Legislative Assembly of the Territory of Arizona, approved March 5th, 1895, and in accordance with the acts of Congress in relation to mining claims, hereby amend said original certificate of notice of location of said mining claim

to wit: To all whom it may concern:

This mining claim the name of which is the Copper Prince 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 1st. day of January, 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 3/4 of a mile in a westerly direction from Twin Buttes Hoffman Camp in said 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 seven hundred and fifty feet from the discovery shaft (at which this notice is posted), being in the center of the west end line

TERRITORY OF ARIZONA, }
County of Pima, } ss.

I, Ben Henry 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 Copper Prince 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 229 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 Henry
County Recorder of Pima County, Arizona.

by L. M. Shihell deputy.

of said claim; thence northerly 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 northeast 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 south 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 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, and the acts amendatory thereof.

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., page 229 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 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 COPPER PRINCE Smelting Company

situate in Pima

Mining District, Pima County, Arizona,

in Section 25, Township No. 17 S., Range No. 12 E., and

designated as Survey No. 2641, 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 5 shafts and 1 cut, value \$2355.00

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.

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 2, 1909.

I, U. S. Surveyor-General for 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

Copper Prince,

situate in Pima mining district,

Pima County, Arizona,

in Section 25, Township No. 17 S., Range No. 12 E.

designated as Survey No. 2641

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

Surveyor, March 24, 1909, under my instructions dated

March 8th, 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. Ingalls

U. S. Surveyor-General for Arizona.