

4-19-1910.

O. M. C.

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APR 4-1910

4-683.

MINERAL SURVEY No. 2767.

LOT No.

A R I Z O N A

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Old Dominion Copper Mining and Smelting Co.

KNOWN AS THE

COPPER QUEEN, COPPER PRINCE and COPPER CAVE

Globe

Mining District,

Gila

County,

Arizona

approximately in

Sections 19 and 30, Township 1 N., Range 14 E. Unsur.

Surveyed under instructions dated January 18, 1910.

by *Erwin J. Stewart*
U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced February 27, 1910.

Survey completed February 28, 1910

6-821

Address of Claimant's Attorney:

Herring & Sorin,

Tucson, Arizona.

Mineral Survey No. 2767.

Copper Cave Lode.

Beginning at Cor. No. 1, identical with S.W. Cor. of the location.

A pine post, 4 ft. long, 4 ins. sq., with nail driven at the exact corner, set 18 ins. in the ground, with mound of stone, scribed C.C.S.W.-1-2767, whence

The standard corner of sections 31 & 32, T. 1 N., R. 14 E., Gila and Salt River Base and Meridian, bears S.09°-41'-30"E. 8459.2 ft.

Thence N.40°-02'W.

1416.16 Intersect line 4-1, Copper Prince lode, this survey, at S.60°-06'W. 93.75 ft. from Cor. 4.

1428.0 To Cor. No. 2, identical with N.W. Cor. of the location. A pine post, 4 ft. long, 4 ins. sq., with nail driven at the exact corner, set 18 ins. in the ground, with mound of stone, scribed C.C.N.W.-2-2767.

Thence N.51°-50'E.

103.08 Intersect line 3-4, Copper Prince lode, this survey, at N.16°-47'W. 27.19 ft. from Cor. 4.

262.0 To N.E.C., identical with monument of the location. A pine post, 4 ft. long, 4 ins. sq., with nail driven at the exact point, set 24 ins. in the ground, scribed C.C.N.C.-2767.

473.0 Cross water course of Gold Gulch, course northwest.

524.0 To Cor. No. 3, identical with N.W. Cor. of the location. A pine post, 4 ft. long, 4 ins. sq., with nail driven at the exact corner, set 4 ins. in the ground, with mound of stone, scribed C.C.N.W.-3-2767.

Thence S.43°-07'E.

481.0 Cross water course of Gold Gulch, course southwest.

1432.6 To Cor. No. 4, identical with S.E. Cor. of the location. A pine post, 4 ft. long, 4 ins. sq., with nail driven at the exact corner, set 18 ins. in the ground, with

mound of stone, scribed C.C.S.E.-4-2767

Thence S.51°-50'W.

301.1 To S.E.C., identical with monument of the location.

A pine post, 4 ft. long, 4 ins. sq., with nail driven at the exact point, set 18 ins. in the ground, with mound of stone, scribed C.C.S.E.C.-2767.

601.3 To Cor. No. 1, the place of beginning.

Copper Prince Lode.

Beginning at Cor. No. 1, identical with S.W.Cor. of the location and Cor. 4, Copper Queen lode, this survey.

A pine post, 4 ft. long, 4 ins. sq., with nail driven at the exact corner, set 18 ins. in the ground, with mound of stone, scribed C.P.S.W.-1-2767 for this claim, whence

The standard corner of sections 31 & 32, T. 1 N., R. 14 E., Gila and Salt River Base and Meridian bears S.16°-51'-20"E. 9579.8 ft.

Thence N.16°-47'W.

Along line 4-3, Copper Queen lode, this survey.

1484.1 To Cor. No. 2, identical with N.W.Cor. of the location and Cor. 3 of said Copper Queen lode.

A pine post, 4 ft. long, 4 ins. sq., with nail driven at the exact corner, set 18 ins. in the ground, with mound of stone, scribed C.P.N.W.-2-2767 for this claim.

Thence N.60°-06'E.

189.7 To Witness Corner for N.E.C.

A pine post, 4 ft. long, 4 ins. sq., with nail driven at the exact point, set 24 ins. in the ground, with mound of stone, scribed C.P.N.C.-W.C.-2767, from which the point for N.E.C. bears N.60°-06'E. 118.3 ft.

308.0 To point for N.E.C., identical with original position of monument of the location (monument having been washed out)

Corner not set on account of falling in water course of Gold Gulch, course northwest, where a permanent monument could not be maintained.

ment could not be maintained.

Witness Cor. bears S.60°-06'W. 118.3 ft.

604.6 To Cor. No. 3, identical with N.E.Cor. of the location.
A pine post, 4 ft. long, 4 ins. sq., with nail driven
at the exact corner, set 18 ins. in the ground, with
mound of stone, scribed C.P.N.E.-3-2767, whence
A cross (+) on porphyry in place, about which is
chiseled B.R.-2767 bears N.82°-16'E. 11.4 ft.

Thence S.16°-47'E.

740.0 Cross water course of Gold Gulch, course northwest.

1456.91 Intersect line 2-3, Copper Cave lode, this survey at
N.51°-50'E. 103.08 ft. from Cor. 2.

1484.1 To Cor. No. 4, identical with S.E.Cor. of the location.
A pine post, 4 ft. long, 4 ins. sq., with nail driven
at the exact corner, set 18 ins. in the ground, with
mound of stone, scribed C.P.S.E.-4-2767.

Thence S.60°-06'W.

93.75 Intersect line 1-2, Copper Cave lode, this survey at
S.40°-02'E. 11.84 ft. from Cor. 2.

296.6 To S.E.C., identical with monument of the location.
A pine post, 4 ft. long, 4 ins. sq., with nail driven
at the exact point, set 18 ins. in the ground, with
mound of stone, scribed C.P.S.C.-2767.

604.6 To Cor. No. 1, the place of beginning.

Copper Queen Lode.

Beginning at Cor. No. 1, identical with S.W.Cor. of the
location.

A pine post, 4 ft. long, 4 ins. sq., with nail driven
at the exact corner, set 18 ins. in the ground, with
mound of stone, scribed C.Q.S.W.-1-2767, whence

The standard corner of sections 31 & 32, T. 1 N., R. 14
E., Gila and Salt River Base and Meridian, bears S.20°-
25'-20"E. 9461.7 ft.

Thence N.16°-10'W.

1487.9 To Cor. No. 2, identical with N.W.Cor. of the location.
A pine post, 4 ft. long, 4 ins. sq., with nail driven

at the exact corner, set 22 ins. in the ground, scribed C.Q.N.W.-2-2767.

Thence N.60°-06'E.

289.6 To N.E.C., identical with monument of the location.

A pine post, 4 ft. long, 4 ins. sq., with nail driven at the exact point, set 18 ins. in the ground, with mound of stone, scribed C.Q.N.C.-2767

587.8 To Cor. No. 3, identical with N.E.Cor. of the location and Cor. 2, Copper Prince lode, this survey.

Corner previously described, and to which I add C.Q.N.E.-3-2767 for this claim.

Thence S.16°-47'E.

Along line 2-1, Copper Prince lode, this survey.

1484.1 To Cor. No. 4, identical with S.E.Cor. of the location and Cor. 1 of said Copper Prince lode.

Corner previously described, and to which I add C.Q.S.E.-4-2767 for this claim.

Thence S.60°-06'W.

298.2 To S.E.C., identical with monument of the location.

A pine post, 4 ft. long, 4 ins. sq., with nail driven at the exact point, set 18 ins. in the ground, with mound of stone, scribed C.Q.S.C.-2767.

604.2 To Cor. No. 1, the place of beginning.

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Magnetic variation at all corners 13°-20'E.

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Lode Lines.

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

Copper Cave, N.41°-33'W. 815.0⁴ and S.41°-33'E. 613.3 ft.

Copper Prince, N.16°-47'W. 491.6⁴ and S.16°-47'E. 992.5 ft.

Copper Queen, N.16°-47'W. 1363.1⁴ and S.16°-47'E. 121.0 ft.

Areas.	Acres.
Total Area Copper Cave lode,18.435
Total Area Copper Queen lode,19.776
Total Area Copper Prince lode,20.061
Area in conflict with Copper Cave lode, this survey,	0.042

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Location.

This survey is located approximately in Sections 19 and 30, T. 1 N., R. 14 E., Gila and Salt River Base and Meridian, unsurveyed, Globe Mining District, Gila County, Arizona, in the Crook National Forest.

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Adjoining and Conflicting Claims.

On the north: The Center Star and Sulphide lodes, unsurveyed, the Warrior Copper Company, claimants.

On the east: The Humbolt, Emma, Old Abe, Virginia, Second Choice, First Choice and Monastic lodes, unsurveyed, C. McCormack and Oscar Scott, claimants.

On the south: Unknown claim, unsurveyed; the Republic and Luna No. 1 lodes, unsurveyed, Chas. Miller et al, claimants.

On the west: The Lone Cottonwood, unsurveyed, Chas. Miller et al, claimants.

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Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements made upon or for the benefit of each of the locations embraced in this survey by the claimant or its grantors is not less than five hundred dollars, and that said improvements consist of:

Copper Cave Lode.

No. 1, the discovery, 27 ft. of tunnel, 4 x 6 ft., course S.08°-30'E., the face of which is on the lode line 815.0 ft. from the N.E.C. Value \$160.00.

No. 2, cut, 4 x 10 x 20 ft., course N.76°-30'E., the center of the mouth of which bears S.57°-39'E. 490.0 ft. from a point of the lode line 477.8 ft. from the N.E.C. Value \$40.00

No. 3, cut, 4 x 8 x 15 ft., course N.27°E., the center of the mouth of which bears S.57°-57'E. 468.4 ft. from a point on the lode line 477.8 ft. from the N.E.C. Value \$30.00

No. 4, shaft, 4 x 6 x 7 ft., the N.W.Cor. of which bears S.64°-45'E. 426.1 ft. from a point of the lode line 477.8 ft. from the N.E.C. Value \$40.00.

No. 5, shaft, 4 x 6 x 18 ft., the S.W.Cor. of which bears S.63°-46'E. 407.3 ft. from a point on the lode line 477.8 ft. from the N.E.C. Value \$100.00.

No. 6, 150 ft. of tunnel, 4 x 6 ft., the mouth of which bears S.55°-15'E. 319.8 ft. from a point on the lode line 477.8 ft. from the N.E.C., and is particularly described as follows: Commencing at the mouth; thence east 114.0 ft. to face. And, commencing at a point 14 ft. east of the mouth; thence N.34° E. 36 ft. to face. Value \$1100.00.

No. 7, a pit, of irregular shape, averaging 30 x 41 ft. and 12 ft. deep, course of long side south, the center of the north side of which bears S.55°-15'E. 319.8 ft. from a point on the lode line 477.8 ft. from the N.E.C. Value \$2000.00.

Copper Prince lode.

No. 1, the discovery, 220.1 ft. of tunnel, 4 x 6, which is intersected by the lode line 491.6 ft. from the N.E.C. and extends N.56°-22'E. 16.0 ft. to portal and S.56°-22'W. 49.2 ft. to Pt. 1; thence S.43°-30'E. 30.0 ft. to Pt. 2; thence S.26°-20'W. 47.0 ft. to face. And, commencing at Pt 1; thence N.03°-30'W. 13.0 ft. to Pt. 3; thence S.53°-45'W. 26.9 ft. to Pt. 4; thence S.18°-40'E. 20.0 ft. to face. And, commencing at Pt.3; thence S.81°-20'E. 18.0 ft and connect with main tunnel. Value \$1760.00.

The surface of the ground rises rapidly from the portal of the above described tunnel, and the course of tunnel is such that if continued on in its present general direction it would cut the lode of the Copper Queen claim of this survey at depth, and said tunnel being intended for the development and mining of each the Copper Prince and Copper Queen lodes, and the same being so located that it does actually develop, and will facilitate the mining of both claims, one half of the value thereof, amounting to \$880.00, is credited to each claim.

No. 2, 11 ft. of cut and 65 ft. of tunnel, 3 x 6.5 ft., course S.88°-30'E., the center of the mouth of which bears S.81°-25'W. 124.7 ft. from a point on line 3-4 470.7 ft. from Cor. 3. Value \$350.00

No. 3, 11 ft. of cut and 6 ft. of tunnel, 4 x 6 ft., course N.59°-30'W., the center of the mouth of which bears S.67°-08'W. 243.5 ft. from a point on line 3-4 470.7 ft. from Cor. 3. Value \$45.00.

No. 4, shaft, 4 x 6 x 28 ft., the center of the N.E. side of which bears S.76°-18'W. 272.5 ft. from a point on line 3-4 470.7 ft. from Cor. 3. Value \$190.00.

No. 5, 13 ft. of cut and 5 ft. of tunnel, 4 x 6 ft., course S.68°-30'W., the center of the mouth of which bears S.51°-08'W. 326.4 ft. from a point on line 3-4 470.7 ft. from Cor. 3. Value \$50.00.

No. 6, 11 ft. of cut and 11 ft. of tunnel, 5 x 6 ft., course S.59°-30'W., the center of the mouth of which bears S.43°-23'W. 339.5 ft. from a point on line 3-4 470.7 ft. from Cor. 3. Value \$70.00.

No. 7, cut, 5 x 10 x 15 ft., course S.69°W., the center of the mouth of which bears S.24°-10'W. 402.1 ft. from a point on line 3-4 470.7 ft. from Cor. 3. Value \$40.00.

No. 8, 247.1 ft. of tunnel, 4 x 6 ft., the portal of which bears S.86°-58'W. 254.6 ft. from a point on line

3-4 470.7 ft. from Cor. 3, and is particularly described as follows: Commencing at the portal; thence S.12°-50'W 17.8 ft. to Pt. 1; thence S.67°-15'W. 24.0 ft. to Pt. 2; thence S.45°-10'W. 30.8 ft. to Pt. 3; thence S.24°-45'E. 20.5 ft. to Pt. 4; thence S.51°-30'E. 13.0 ft. to face. And, commencing at Pt 1; thence S.12°-50'E. 40.5 ft. to Pt. 5; thence S.0°-30'E. 81.5 ft. to Pt. 6; thence S.16°-45'W. 19.0 ft. to face. Value \$1975.00.

No. 9, 37 ft. of cut and 8 ft. of tunnel, 4.5 x 6 ft., course S.13°-30'E. the center of the mouth of which bears S.87°-50'W. 298.3 ft. from a point on line 3-4 470.7 ft. from Cor. 3. Value \$120.00

No. 10, cut, 4 x 13 x 15 ft., course N.01°-30'W., the center of the mouth of which bears S.74°-05'W. 290.9 ft. from a point on line 3-4 470.7 ft. from Cor. 3. Value \$35.00.

Copper Queen Lode.

$\frac{1}{2}$ of the value of improvement No. 1 of the Copper Prince lode, this survey. Value \$880.00

No. 1, the discovery ^{cut,} 5 x 12 x 17 ft., course N.30°E., the face of which is on the lode line 121.0 ft. from the S.E.C. Value \$50.00.

No. 2, 21 ft. of cut and 6 ft. of tunnel, 4 x 6, [#]course N.57°E., the center of the mouth of which bears N.04°-25'W. 494.8 ft. from the S.E.C. Value \$90.00.

No. 3, cut, 4 x 9 x 18 ft., course N.70°-30'E., the center of the mouth of which bears S.48°-03'E. 230.6 ft. from a point on the lode line 102.8 ft. from the N.E.C. Value \$40.00.

No. 4, cut, 2.5 x 3 x 29 ft., course N.47°-30'E., the center of the mouth of which bears N71°-36'E. 118.8 ft. from a point on the lode line 102.8 ft. from the N.E.C. Value \$40.00.

No. 5, cut, 4 x 4 x 17 ft., course N.51°-30'E., the center of the mouth of which bears S.81°-19'E. 41.7 ft.

from the N.E.C. Value \$20.00.

No. 6, cut, 5 x 3 x 12 ft., course N.47°-30'E., the center of the mouth of which bears N.75°-23'E. 25.0 ft.

from the N.E.C. Value \$15.00.

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Instrument.

This survey was made with a 6 $\frac{1}{4}$ inch Berger Engineer's transit. The courses were deflected from the true meridian as determined by Polaris observation. The distances were measured with a 650 ft. steel tape.

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Report.

The side and end lines of the several claims in this survey and all tie lines were run direct upon the ground.

The standard corner of sections 31 & 32 T. 1 N., R. 14 E., Gila and Salt River Base and Meridian, to which tie is given, is a granite boulder, 8 x 8 x 8 ins. out of ground, chiseled with five notches on the east side, one notch on the west side and S C on the north side.

Edwin D. Stewart

U.S. Mineral Surveyor

Globe, Arizona, April 2, 1910.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Edwin T. Stewart
 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 of.....
Old Dominion Copper Mining and Smelting Co.
 known as the COPPER QUEEN, COPPER PRINCE and COPPER CAVE
 and showing the respective capacities in which they acted.

R.A. Smith....., Chainman.
Percy Bell....., Chainman.
, Axman.
, Flagman.

FINAL OATHS OF ASSISTANTS.

We, R.A. Smith
 and Percy Bell....., do solemnly swear that we assisted Edwin T.
Stewart....., United States Deputy Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of ~~The~~ Old Dominion Copper Mining and Smelting
Co.
 known as the COPPER QUEEN, COPPER PRINCE and COPPER CAVE
 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 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

R.A. Smith....., Chainman.
Percy Bell....., Chainman.
, Axman.
, Flagman.

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

day of April, 1910....., 190...

L. M. Brooker

Notary Public

4-686.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Edwin T. Stewart, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated January 18, 1910, 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 Old Dominion Copper Mining and Smelting Co., known as the COPPER QUEEN, COPPER PRINCE and COPPER CAVE, situate in Globe Mining District, Gila County, Ariz., approx., in Section S 19 and 30, Township No. 1 N., Range No. 14 E G. & S. R B. & M., and designated as Survey No. 2767, 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 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.

Edwin T. Stewart
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart
U. S. Mineral Surveyor, before me L. M. Brookner, a Notary Public
this 2nd
day of April, 1910.

L. M. Brookner
Notary Public.

6-1044

AMENDED LOCATION NOTICE.

NOTICE IS HEREBY GIVEN that the undersigned, Old Dominion Copper Mining and Smelting Company, a corporation, the assignee of Charles Denhard, who on the 16th day of August, 1897, located the Copper Queen Mining Claim, situate in the Globe Mining District, Gila County, Territory of Arizona, the location notice of which claim is of record in the office of the Recorder of said County in Book 6, Records of Mines, at page 231, has on this eighth day of August, A.D. 1909, made an amended location of said mining claim, by virtue of which and of said original location it claims as a mining claim the following described lead, lode or vein of mineral-bearing earth, rock or quartz and premises situate in the Globe Mining District, In the County of Gila and Territory of Arizona, to-wit:

The name of said claim is COPPER QUEEN.

The name of the locator is Old Dominion Copper Mining and Smelting Company.

The length of the claim along said vein or lode is 1484.1 feet. The width of said claim is 290.4 feet on the easterly side of the middle of said lead, lode or vein, and on the westerly side of the middle of said lead, lode or vein the width is 282 feet at the northwesterly end of the claim and 298 feet at the southeasterly end of the claim.

The general course of said lode and claim is northwest and southeast.

The distance from the point of discovery to the southeasterly end center monument of said claim is 121 feet. The distance from said point of discovery to the northwesterly end center monument is 1363.1 feet.

This Location Notice is posted in the monument of stones erected at said point of discovery upon said claim, which monument is hereinafter referred to as the Location Monument.

Said claim is bounded and described as follows, to-wit:
 Beginning at a monument, a post surrounded by a mound of stones, placed at the center of the southeasterly end of the claim, which monument is 121 feet southeasterly from said location monument; thence S. 60° 06' W. 306 feet to a monument, a post surrounded by a mound of stones, being the southwest corner of the claim; thence N. 16° 10' W. 1487.9 feet to a monument, a post surrounded by a mound of stones, being the northwest corner of the claim; thence N. 60° 06' E. 289.6 feet to a monument, a post surrounded by a mound of stones, being the center of the northwesterly end of the claim; thence again N. 60° 06' E. 298.2 feet to a monument, a post surrounded by a mound of stones, being the northeast corner of the claim; thence S. 16° 47' E. 1484.1 feet to a monument, a post surrounded by a mound of stones, being the southeast corner of the claim; thence S. 60° 06' W. 298.2 feet to the monument, the place of beginning.

In order to identify said claim, it is more particularly described as follows, to-wit: This claim is situate on the west side of Gold Gulch and about one and one-quarter miles southwest of the Continental Mine, Lot No. 37, a patented mine. Said claim is bounded by the Copper Prince claim on the east, the westerly side line of the Copper Prince being identical with the easterly side line of the Copper Queen Claim.

Dated and posted on the ground this eightth day of August A.D. 1909.

OLD DOMINION COPPER MINING AND SMELTING COMPANY,

Locator,

By its Agent,

Robert B Stegardt

WITNESS:

H. L. Norton

D. W. Bisbee

Filed and recorded at request of O.D.Cop.Min. & Smel.Co.on 9 day of August A.D.1909 at 45 minutes past 4 o'clock p.m. E.T.Stewart, County Recorder.

TERRITORY OF ARIZONA, }
 COUNTY OF GILA } ss.

AMENDED LOCATION NOTICE.

NOTICE IS HEREBY GIVEN that the undersigned, Old Dominion Copper Mining and Smelting Company, a corporation, the assignee of Charles Dennhard, who on the first day of January, 1896, located the Copper Prince Mining Claim, situate in the Globe Mining District, Gila County, Territory of Arizona, the location notice of which claim is of record in the office of the Recorder of said County in Book 6 , Records of Mines, at page 11, has on this eighth day of August, 1909, made an amended location of said mining claim, by virtue of which and of said original location it claims as a mining claim the following described lead, lode or vein of mineral-bearing earth, rock or quartz and premises situate in the Globe Mining District, in the County of Gila and Territory of Arizona, to-wit:

The name of said claim is COPPER PRINCE.

The name of the locator is Old Dominion Copper Mining and Smelting Company.

The length of the claim along said vein or lode is 1484.1 feet. The width of said claim is 300 feet on the westerly side of the middle of said lead, lode or vein and 288.9 feet on the easterly side of the middle of said lead, lode or vein.

The general course of said lode and claim is northwest and southeast.

The distance from the point of discovery to the northwesterly end center monument of said claim is 491.6 feet; the distance from said point of discovery to the southeasterly end center monument is 992.5 feet. This location notice is posted in the monument of stones erected at said point of discovery upon said claim, which monument is hereinafter referred to as the Location Monument.

Said claim is bounded and described as follows, to-wit:
 Beginning at a monument, a post surrounded by a mound of stones, placed at the center of the northwesterly end of the claim, which monument is 491.6 feet northwesterly from said Location Monument; thence N. 60° 06' E. 296.6 feet to a monument, a post surrounded by a mound of stones, being the northeast corner of the claim; thence S. 16° 47' E. 1484.1 feet to a monument, a post surrounded by a mound of stones, being the southeast corner of the claim; thence S. 60° 06' W. 296.6 feet to a monument, a post surrounded by a mound of stones, being the center of the southeasterly end of the claim; thence again S. 60° 06' W. 308 feet to a monument, a post surrounded by a mound of stones, being the southwest corner of the claim; thence N. 16° 47' W. 484.1 feet to a monument, a post surrounded by a mound of stones, being the northwest corner of the claim; thence N. 60° 06' E. 308 feet to the monument, the place of beginning.

In order to identify said claim it is more particularly described as follows, to-wit: This claim is in Gold Gulch and about one and one-quarter miles southwest of the Continental Mine, Lot No. 37, a patented mine. The Copper Cave Mining Claim adjoins it on the southeast.

Dated and posted on the ground this eight day of August A.D. 1909.

OLD DOMINION COPPER MINING AND SMELTING COMPANY,

Locator,

By its Agent,

Robert B. Stegardt

WITNESS:

H. L. Norton

A. W. Bisbee

Filed and recorded at the request of O.D.Cop.Min. and Smelting Co. on the 9 day of August A.D. 1909 at 45 minutes past 4 O'clock, p.m. E.T.Stewart, County Recorder.

TERRITORY OF ARIZONA, }
 COUNTY OF GILA } ss.

I. E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of the Amended Location Notice

AMENDED LOCATION NOTICE.

NOTICE IS HEREBY GIVEN that the undersigned, Old Dominion Copper Mining and Smelting Company, a corporation, the assignee of Charles Dennhart, who on the 9th day of February, 1898, located the Copper Cave Mining Claim, situate in the Globe Mining District, Gila County, Territory of Arizona, the location notice of which claim is of record in the office of the Recorder of said County in Book 6, Records of Mines, at page 272, has on this eighth day of August, A.D. 1909, made an amended location of said mining claim, by virtue of which and of said original location it claims as a mining claim the following described lead, lode or vein of mineral-bearing earth, rock or quartz and premises situate in the Globe Mining District, in the County of Gila, and Territory of Arizona, to-wit:

The name of said claim is COPPER CAVE.

The name of the locator is Old Dominion Copper Mining and Smelting Company.

The length of the claim along said vein or lode is 1428.3 feet. The width of said claim is 300 feet on each side of the middle of said lead, lode or vein at the southeasterly end of said claim, and 261.5 feet on each side of the middle of said lead, lode or vein at the northwesterly end of said claim.

The general course of said lode and claim is northwest and southeast.

The distance from the Point of Discovery to the southeasterly end center monument of said claim is 613.3 feet. The distance from said Point of Discovery to the northwesterly end center monument is 815 feet.

This Location Notice is posted in the monument of stones erected at said point of discovery upon said claim, which monu-

ment is hereinafter referred to as the Location Monument.

Said claim is bounded and described as follows, to-wit: Beginning at a monument, a post surrounded by a mound of stones, placed at the center of the southeasterly end of the claim, which monument is 613.3 feet southeasterly from said Location Monument; thence S. 51° 50' W. 300.5 feet to a monument, a post surrounded by a mound of stones, being the southwest corner of the claim; thence N. 40° 02' W. 1428 feet to a monument, a post surrounded by a mound of stones, being the northwest corner of the claim; thence N. 51° 50' E. 262 feet to a monument, a post surrounded by a mound of stones, being the center of the northwesterly end of the claim; thence again N. 51° 50' E. 262 feet to a monument, a post surrounded by a mound of stones, being the northeast corner of the claim; thence S. 43° 07' E. 1432.6 feet to a monument, a post surrounded by a mound of stones, being the southeast corner of the claim; thence S. 51° 50' W. 300.5 feet to the monument, the place of beginning.

In order to identify said claim it is more particularly described as follows, to-wit: Said claim is situate in Gold Gulch about one and one-quarter miles southwest of the Continental Mine, Lot No. 37, a patented mine, and adjoins the Copper Prince Mining Claim on the southeast.

Dated and posted on the ground this eight day of August, A.D. 1909.

OLD DOMINION COPPER MINING AND SMELTING COMPANY,
Locator,
By its Agent,

Robert B. Stegardt

WITNESS:

H. L. Norton

A. W. Bisbee

Filed and recorded at the request of O.D.Cop.Min. & Smel. Co. on the 9 day of August A.D. 1909 at 45 minutes past 4 o'clock p.m. E.T.Stewart, County Recorder.

TERRITORY OF ARIZONA, }
COUNTY OF GILA } ss.

I. E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

May 19, 1910., 190

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 Old Dominion Copper Mining and Smelting Co.

known as the Copper Queen, Copper Prince and Copper Cave
situate in Globe

Mining District, Gila County, Arizona, Approx. in

in Sections 19 and 30, Township No. 1 N., Range No. 14 E. Unsur., and

designated as Survey No. 2767, 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 3 shafts, 15 cuts, 10 tunnels and 1 pit, total value \$8360.00. Tunnel No. 1 on the Copper Prince lode being for the benefit and development of both the Copper Prince and Copper Queen lodes, and only those, an undivided one-half interest therein, value \$880.00, is properly credited to each of the two said claims.

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.

May 19, 1910, 190

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 Old Dominion Copper Mining and Smelting Co.

known as the Copper Queen, Copper Prince and Copper Cave.

situate in Globe Mining District,

Gila County, Arizona, Approx. in

in Sections 19 and 30, Township No. 1 N., Range No. 14 E. Unsur.

designated as Survey No. 2767

executed by Edwin T. Stewart, U. S. Deputy Mineral

Surveyor, February 27-28, 1910, under my instructions dated

January 18, 1910, 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 S. J. [Signature]

U. S. Surveyor-General for Arizona.