

4-683

MINERAL SURVEY No. 4093

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

MAGMA COPPER COMPANY

KNOWN AS THE

SILVER TIP EXTENSION NO.1 Lode.

Pioneer

Mining District,

Pinal

County,

Arizona

Section 25, Township 1 S., Range 12 E., G. & S. R. M.

Surveyed under instructions dated February 11, 1929.

by Edwin T. Stewart

U. S. Mineral Surveyor.

Claim located See location notice, 19 29.

Survey commenced February 24, 19 29.

Survey completed February 27, 19 29.

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

DATES OF AMENDED LOCATIONS.

1.

Feet

MINERAL SURVEY NO. 4093.

SILVER TIP EXTENSION NO. 1 LODGE.

Beginning at Cor. No. 1, identical with S.W. Cor. of the location and Cor. No. 4, Silver Tip Extension lode, Sur. 2995.

In order to make this monument more permanent, I removed the old post and set a standard 2 in. iron pipe, 3 ft. long, with flared base and brass cap stamped 4-2995-S. for said Silver Tip Extension lode and 1-S.T.E.1-4093 for this claim, six ins. in the ground, on bed rock, and surrounded it with a mound of stone.

The quarter corner between sections 25 and 36, T. 1 S., R. 12 E., G. & S.R.M., bears S.66°-40'W. 190.9 ft.

A cross on face of dacite bluff about which is chiseled B.R. 2995, by the side of which I add 4093, bears N.49°-06'E. 4.90 ft.

No other bearings available.

Thence N.01°-07'W.

Along line 4-3 of said Silver Tip Extension lode.

300.00 To W.E.C. monument of the location, identical with E.E. C. of said Silver Tip Extension lode, from which the discovery cut bears N.88°-49'E. 1351.2 ft.

A monument of stone, 3 ft. base, 3 ft. high.

600.00 To Cor. No. 2, identical with N.W. Cor. of the location and Cor. No. 3 of said Silver Tip Extension lode.

In order to make this monument more permanent, I removed the old post and set a standard 2 in. iron pipe, 3 ft. long, with flared base and brass cap stamped 3-2995 S. for said Silver Tip Extension lode and 2-S.T.E.1-4093, for this claim, on bed rock and surrounded it with a mound of stone.

A cross about which is chiseled B.R. 4093 on face of dacite bluff bears N.81°-35'E. 46.95 ft.

No other bearings available.

Thence N.88°-49'E.

1480.20 To Cor. No. 3, identical with N.E. Cor. of the location.
 A standard 2 in. iron pipe, 3 ft. long, with flared base
 and brass cap stamped 3-S.T.E.1-4093, set 10 ins. in
 the ground/^{on bed rock} and surrounded it with mound of stone.
 A cross about which is chiseled B.R. 4093 bears S.76°-38'
 E. 8.95 ft.

No other bearings available.

Thence S.01°-07'E.

300.00 To E.E.C. monument of the location.
 A pine post, 4 ins. square, 4 ft. long, with copper plate
 stamped E.E.C.-S.T.E.1-4093 nailed on the side facing
 the claim, set on bed rock and surrounded by a mound of
 stone.

600.00 To Cor. No. 4, identical with S.E. Cor. of the location.
 A standard 2 in. iron pipe, 3 ft. long, with flared base
 and brass cap stamped 4-S.T.E.1-4093 in the quarter
 facing the claim, set 6 ins. in the ground, on bed rock,
 and surrounded by a mound of stone, whence
 A cross, about which is chiseled B.R. 4093, on the face
 of a dacite bluff, bears N.05°-44'W. 15.0 ft.
 A cross, about which is chiseled B.R. 4093, on the face
 of dacite bluff, bears N.64°-04'W. 15.35 ft.

No other bearings available.

Thence S.88°-49'W.

1480.20 To Cor. No. 1, the place of beginning.

Mean Magnetic Variation at all corners, 14°-50'E.
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LODE LINE.

As near as can be determined from present developments
 the veins of this location extends N.88°-49'E. 129.0 ft.
 and S.88°-49'W. 1351.2 ft. from the discovery cut.

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AREA.

Total Area Silver Tip Extension No. 1 lode, 20.388
 acres.

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LOCATION.

This survey is located in section 25, T. 1 S., R. 12 E., G. & S.R.M., Pinal County, Arizona, in the Crook National Forest.

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ADJOINING AND CONFLICTING CLAIMS.

The Blackfoot No. 2 lode, unsurveyed, adjoins on the north. The Silver Tip Extension No. 2 lode, unsurveyed, adjoins on the east. The Horse Shoe No. 1 and Horse Shoe No. 2 lodes, unsurveyed, adjoin on the south, the Silver Tip Extension lode, Sur. 2995, adjoins on the west. All of said adjoining claims are owned by the claimant.

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DISCOVERY AND IMPROVEMENTS.

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

No. 1, the discovery, cut, 4 x 10 x 14 ft., the center of the face of which is on the lode line 129.0 ft. from the E.E.C. and which extends thence east to toe. Value, \$50.00.

No. 2, cut, 4 x 8 x 15 ft., (caved) the center of the face of which bears N.63°-34'W. 78.0 ft. from the E.E.C. and which extends thence S.20°E. to toe. Value \$35.00.

This claim is one of a group of mining claims consisting of 145 locations owned by the claimant in the vicinity of Superior, Pinal County, Arizona, a plat of which is filed with my returns of Mineral Survey No. 4092, the names of said claims being as follows: The Windsor lode, Lot 37; Surpriser No. 2 lode, Lot 38; Hub lode, Lot 41; Irene lode, Lot 42, Silver and Copper Pocket, Queen No. 2, Silver Tip and Blackfoot lodes, Sur. 2144; San Francisco, Oakland, Rain Cloud, Oversight, Queen Fraction and Sacramento lodes, Sur. 2930 A; Monarch, Reddy Pay, Jumbo, Shark, Fraction, Oversight No. 1 and Oversight No. 3 lodes,

Sur. 2994; Silver Tip Extension and Horse Shoe lodes,
 Sur. 2995; Silveride lode, Sur. 2929; and the Sunnyside,
 Caledonia, Republic, Skyward, Golden Eagle, New Calumet,
 Excelsior, Golden Eagle Extension, Gold Crown and Square
 Deal lodes, Sur. 2860. The following surveyed claims
 which are unpatented: the Girtrude, Quien Sabe, Red Cloud
 and Wedge lodes, Sur. 2860; the Safety lode, Surveys
 2479 and 2860; And the Overlook lode, Sur. 4092, unappr-
 oved; ~~and~~ the Silver Tip Extension No. 1 lode, this
 survey (4093), And the Ash No. 1, Ash No. 2, Ash No. 3,
 Ash No. 4, Ash No. 5, Ash No. 6, Ash No. 7, Ash No. 8,
 Ash No. 9, Ash No. 10, Ash No. 11, Ash No. 12, Ash No. 13,
 Ash No. 14, Ash No. 15, Ash No. 16, Ace, Apex, Aldridge,
 Blackfoot No. 1, Blackfoot No. 2, Blackfoot No. 3, Black-
 foot No. 4, Blackfoot No. 5, Black Rock No. 1, Elm, Elm
 No. 1, Elm No. 2, El Capitan, El Colonel, East Extension,
 Gunn Fraction, Horse Shoe No. 1, Horse Shoe No. 2, Horse
 Shoe No. 3, Horse Shoe No. 4, Hard Rock No. 8, Hard Rock
 No. 9, Hard Rock No. 10, Hard Rock No. 13, Hard Rock No.
 14, Happy Hunch, Jack Rabbit, Lake Erie No. 3, Lake Erie
 No. 4, Lake Erie No. 8, Life Saver, Magma, Magma No. 1,
 Magma Extension, Magma Extension No. 1, Magma Extension
 No. 2, Magma Extension No. 3, Magma Extension No. 4,
 Magma Extension No. 5, Magma Extension No. 6, Magma Ext-
 ension Fraction, Magma View, Monarch No. 1, My Own, New
 Lake, Nadene, Nadene No. 1, Oak, Oak No. 1, Oak No. 2,
 Oak No. 3, Oak No. 4, Oak No. 5, Oak No. 6, Oak No. 7,
 Oak No. 8, Oak No. 9, Oak No. 12, Oak No. 14, Oak No. 15,
 Oak No. 16, Oak No. 17, Oak No. 18, Oak No. 19, Oak No.
 20, Oak No. 21, Oak No. 22, Oak No. 23, Oak No. 24, Oak
 No. 25, Oak No. 26, Oak No. 27, Oak No. 28, Oak No. 29,
 Oak No. 30, Oak No. 31, Oak No. 32, Oversight No. 7,
 Palace No. 1, Silver Tip Extension No. 2; Silver Tip
 Extension No. 3, Silver Tip Extension No. 4, Sitting Bull,
 Spring, Whitefoot No. 1, Whitefoot No. 2, Whitefoot No. 3,
 and Whitefoot No. 4 lodes, unsurveyed.

These claims are all being developed by the claimant's No. 2 working shaft, which is a three-compartment shaft 4 x 14 ft. in the clear, part timbered and part lined with concrete, 2502 feet deep, located on the Silver Tip lode, Sur. 2144, and valued at \$265,000.00; and by the 2000 foot level, consisting of 7835 feet of drifting and cross cutting, averaging 7 x 8 ft., which connects with the shaft at a depth of 1778 feet below the collar and which extends through several of the claims of the Silver Tip Extension No. 1 group and into the ~~Overlook~~ claim, and shown by the claim map above referred to and the plat of this survey, valued at \$156,700.00. The level enters the Silver Tip Extension No. 1 lode at a point on line 1-2, 211.0 ft. from Cor. No. 1 and extends thence N.77°-28'E. 168.7 ft. to pt. 1; thence N.77°-28'E. 162.0 ft. to face. And from pt. 2, which is N.76°-55'E. 84.2 ft. from pt. 1, S.32°-20'E. 115.4 ft. to pt. 3; thence N.77°-28'E. 265.0 ft. to face. And from a pt. S.77°-28'W. 102.7 ft. from pt. 1 a cross cut extends S.12°-32'E. 60.0 ft. to face.

The improvement above described being so situated that it not only tends to develop the claims upon which it is located, but tends to develop all the other claims of the group as well, by reason of the fact that the level is at great depth below the surface of all the claims in the group, the value thereof is distributed equally between the claims, 1/145 th., or \$2908.28 being credited to each.

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INSTRUMENT AND DETERMINATION OF MERIDIAN.

This survey was made with a 6½ inch Berger transit. The distances were measured with a 660 foot steel tape. The courses are referred to the true meridian as determined by Polaris observation, verified by solar observation.

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REPORT.

The quarter corner between sections 25 and 36, T. 1 S. R. 12 E., G. & S.R.M., to which tie is given from Cor. No. 1, is an iron post with brass cap stamped $\frac{1}{4}$ S.25-S. 36-1924 set in the ground and surrounded with a mound of stone.

Sur. 2995, Silver Tip Extension lode: Cors. 3 and 4 of this claim were 4 x 4 posts properly set and scribed, which I removed as reported herein. There is a nominal disagreement between the bearing of line 3-4 of said Silver Tip Extension lode as reported herein and this bearing as approved.

The disagreement between these notes and the location notice is due to errors in the notice.

Edwin P. Stewart.

United States Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Edwin T. Stewart

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 _____

MAGMA COPPER COMPANY

known as the SILVER TIP EXTENSION NO. 1 Lode

and showing the respective capacities in which they acted.

C.A. Pennington, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, _____

and I, C.A. Pennington, do solemnly swear that ^Iwe assisted _____

Edwin T. Stewart, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of MAGMA COPPER COMPANY

known as the SILVER TIP EXTENSION NO. 1 Lode

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 Office Cadastral Engineer, at Phoenix, Arizona.

C.A. Pennington, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 3rd

day of April, 19 29.

My commission expires
November 11, 1932.

M. L. Harrison

Notary Public, Gila
County, Arizona.

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 Office Cadastral Engineer, at Phoenix, Arizona, dated February 11, 1929, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly executed the survey of the Mining Claim of MAGMA COPPER COMPANY, known as the SILVER TIP EXTENSION NO. 1 Lode, situate in Pioneer Mining District, Pinal County, Arizona, in Section 25, Township No. 1 S., Range No. 12 E., G. & S. R. M. and designated as Survey No. 4093, 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 Office Cadastral Engineer with said instructions, and that all 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 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 M. L. Harrison, a notary public

this 3rd

day of April, 1929. my commission expires
November 11, 1932.

M. L. Harrison

Notary Public, Pinal
County, Arizona.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona

April 19, 1929

I, Office Cadastral Engineer, at Phoenix, Arizona,

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

Magma Copper Company

known as the SILVER TIP EXTENSION NO. 1 lode

situate in Pioneer

Mining District Pinal County Arizona

in Section 25, Township No. 1 S., Range No. 12 E., Q. & S. R. M., and

designated as Survey No. 4093, 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.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant or its grantors,

and that said improvements consist of 2 cuts, value \$85.00, and a 1-145th interest, value \$2908.28, in the common improvement, as described in the foregoing field notes.

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.

John D. Adams

Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

DEPARTMENT OF THE INTERIOR
PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

April 19, 1929

I, Office Cadastral Engineer at Phoenix, Arizona,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the
Mining Claim of _____

Magma Copper Company

_____, known as the

SILVER TIP EXTENSION NO. 1 lode

situate in _____ Pioneer _____ mining district,

Pinal County, Arizona

in Section 25, Township No. 1 S., Range No. 12 E. & G.

& S.R.M., designated as Survey No. 4093

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

Surveyor, February 24 - 27, 1929, under my instructions dated

February 11, 1929, have been critically examined and the necessary

corrections 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.



Office Cadastral Engineer.

For map of group see
Sur. 4092