

JUL 5- 1914

(4-683.)

Mineral Survey No. 3126

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Sullivan Copper Development Company

KNOWN AS THE

HAWKINS

California Mining District,

Cochise County, Arizona

Section Approx. 28, Township 16 S, Range 30 E. G & S R B & M Unsurveyed.

Surveyed under instructions dated May 5, 1914., 1

by Ralph L. Motz, U. S. Deputy Mineral Surveyor

Claim located See Location Notice, 1
Survey commenced May 7, 1914., 1
Survey completed May 7, 1914., 1

o 6-109

Postoffice address of Claimant's Attorney

Cleon T. Knapp,
P.O. Box 829,
Bisbee, Arizona.

Hawkins

Beginning at Cor. No. 1, the SE Cor, identical with location

a pine post 4 ft. long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3126 HL

whence a limestone rock in place 18 x 24 x 12 ins high chiselled BR x 1-3126 bears S 75° 50' W 7.0 ft and a second limestone rock in place with like chiselling brs S 75° E 6.3 ft. and U. S. M. M. No. 2099 California Mining District, Cochise Co. bears N 37° 29' E 851.4 ft.

thence S 87° 52' W

5.0 To location for South End Center being a monument of stones 3 ft high with a 3 ft base

224.1 Same bearing to Cor. No. 2, the S W Cor situated at intersection of line 3-4 Survey No. 2101, Eclipse Lode and line 4-1 Survey No. 2102, Eighty Six Lode at S 9° 25' W 328.9 ft from Cor No 4, ~~Survey No 2101~~ Eclipse Lode and S 46° 11' E 227.5 ft from Cor No 4, ~~Survey No 2102~~ Eighty Six Lode.

a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3126 HL

whence the original location for S W Cor bears S 87° 52' W 10.0 ft, a limestone rock in place with 18 x 24 x 8 in high exposure chiseled BR x 2-3126 bears S 26° 15' W 8.2 ft and a second limestone rock in place 48 x 48 x 6 ins high with like chiseling brs S 78° 50' E 13.5 ft.

thence N 46° 11' W

227.5 To Cor No 3, identical with Cors 1 and 4, of Survey No 2100 Colorado Lode and Survey No 2102 Eighty Six Lode respectively

a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3126 HL

whence a limestone rock in place 12 x 18 x 6 ins high chiseled BR x 3-3126 brs S 55° 10' W 9.0 ft and a second limestone rock in place 18 x 24 x 15 ins high with like chiseling brs S 43° 30' E 22.0 ft

thence N 46° 05' W

220.5 To intersect ^{South side} line ~~SW-SE~~ of Baltimore lode unsurveyed at N 87° 52' E 31.6 ft from the SW Cor and S 87° 52' W 1468.4 ft from the SE Cor

258.1 Same bearing intersect ^{West end} line ~~SW-NW~~ Baltimore Lode unsurveyed at N 9° 25' E 27.6 ft from the SW Cor and S 9° 25' W 572.4 ft from the NW Cor

1037.0 Same bearing along line 1-4 Survey No 2100 Colorado Lode to Cor No 4, the NW Cor, identical with location, on south side line Portland lode, unsurveyed.

a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3126 HL

whence a porphyry rock in place 8 x 8 x 4 ins high chiselled BR x 4-3126 bears N 58° 45' W 19.6 ft and a second porphyry rock in place with like chiseling brs N 86° 10' E 15.8 ft.

thence N 87° 52' E

377.8 To location for north end center being a mound of stones 3 ft high with 3 ft base

655.2 Same bearing to Cor No 5, the N E Cor identical with location and with the N W Cor of Baltimore Lode unsurveyed a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 5-3126 HL

whence a limestone rock in place 15 x 15 x 4 ins high chiseled BR x 5-3126 brs N 2° W 24.4 ft and a second limestone rock in place 6 x 8 x 6 ins high with like chiseling brs N 48° 45' W 24.5

thence S 28° 17' E

654.8 To Cor No 4, Survey No 2101 Eclipse Lode and intersect ^{southside} line ~~SW-SE~~ Baltimore Lode unsurveyed at N 87° 52' E 408.7 ft from the SW Cor and S 87° 52' W 1091.3 ft from the SE Cor.

1013.8 Same bearing to Cor No 1 the place of the beginning.

LEDGE

The presumed course of the vein on this claim is from the north end center S 40° 27' E 1160.0 ft.

	Area.	
Hawkins Lode, total area	- - - - -	9.190 A
Conflict vs Baltimore, lode, unsurveyed	- - - - -	2.748 A
Conflict vs Survey No 2101, Eclipse Lode	- - - - -	0.829 A

IMPROVEMENTS

I hereby certify that the value of the labor and improvements on this claim placed thereon by the claimant or its grantors, is not less than Five Hundred Dollars and that said improvements consist of:-

No. 1 Dis Cut 5 x 10 x 14 ft long with tunnel in face 5 x 7 x 86 ft long bearing S 55° E, mouth of open cut bears from north end center S 40° 27' E 58.0 ft Value - \$580.00

ADJOINING CLAIMS

- North Portland lode unsurveyed, owned by Geo. H. Crosby
- East Sur. No. 2101, Eclipse Lode -
Baltimore lode unsurveyed owned by Geo. H. Crosby
- South Sur. No. 2101, Eclipse Lode
- West Sur. No. 2100, Colorado Lode
Sur. No. 2102, Eighty Six Lode

LOCATION

This claim is situated in the California Mining District, in the Chiricahua National Forest, Cochise Co., Arizona. It is located about 7 miles in a northwesterly direction from the town of Paradise on unsurveyed land approximately in ^{sec. 28} T¹⁶ S, R 30 E, G & S R B & M unsurveyed.

INSTRUMENT

This survey was made with a C. L. Berger & Sons No. 6 Light Mountain Transit. The courses were deflected from the true meridian as determined by a Solar observation. The distances were measured with a 300 ft steel tape. Magnetic Variation 12° 30' E at all corners.

Survey No 3126 (con't)

REPORT

Survey No. 2100, Colorado Lode.

Cors 1 and 4 are juniper posts properly set and scribed

I find line 1-4 to be N 46° 05' W 1262.9 ft instead of N 46° 05' W 1275.0 ft.

Survey No. 2101, Eclipse Lode.

Cors 3 and 4 are juniper posts properly set and scribed. I check line 3-4 in course and distance.

Survey No. 2102, Eighty Six Lode

Cors 1 and 4 are pine posts properly set and scribed I check line 4-1 in course and distance.

Baltimore Lode, unsurveyed.

SW, NW and SE Cors are juniper posts properly set with no scribing.

U. S. M. M. No. 2099 is a mound of stones with a 6 ft base 4 ft high with a post in center partially destroyed, but with a part of the scribing remaining. I also identified a bearing tree, a bearing stump and a bearing rock at correct courses and distances from this monument.

I do not check the ties of prior surveys to U.S.M.M. No. 2099, due to error in the former surveys.

Ralph L. Motz

U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

May 25, 1914.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Ralph L. Motz

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 _____

Sullivan Copper Development Company

known as the Hawkins

and showing the respective capacities in which they acted.

- G. T. Colvin _____, *Chainman.*
- _____, *Chainman.*
- _____, *Acman.*
- _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~WE~~ I, G. T. Colvin

and _____, do solemnly swear that we assisted Ralph L.

Motz _____, United States Deputy Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of _____

Sullivan Copper Development Company

known as the Hawkins

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.

- G. T. Colvin _____, *Chainman.*
- _____, *Chainman.*
- _____, *Acman.*
- _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 22

day of May, 1916

J. H. Hancock
Notary Public

My commission expires March 22 1916

(4-686.)

FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, Ralph L. Motz, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 5, 1914, 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 Sullivan Copper Development Company, known as the Hawkins, situate in California Mining District, Cochise County, Arizona, in Section approx. 28, Township No. 16 S, Range No. 30 E, G & S R B & M Unsurveyed and designated as Survey No. 3126, 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.

Ralph L. Motz
 U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz,
 U. S. ~~Deputy~~ Mineral Surveyor, before me Arch L. Le Rue
Notary Public this 26th
 day of May, 1914.

Arch L. Le Rue

Notary Public, in and for
 the County of Cochise Arizona.
 My Commission expires October 11, 1917

AMENDED

Notice of Mining Location

LODE CLAIM

MAY 4-1914

To all Whom it may Concern:

This Mining Claim, the name of which is the Hawkins, 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 Sullivan Copper Development Company, a corporation, organized and existing under the laws of the state of Minnesota.

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

the undersigned, on the 20th day of April, 1914

The length of this claim is 1500 feet, and it claim s 58 feet, in a northwesterly direction and 1442. feet in a southeasterly 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 northwest to the southeast

The claim is situated and located in the California Mining District, in Cochise County, in the State of Arizona, about 900 feet in a westerly direction from U.S.M.M.#2099. It is bounded on north by Portland claim, on east by Baltimore and Eclipse claims; on southwest by Colorado and Eighty-six claims;

The surface boundaries of the claim are marked upon the ground as follows: Beginning at monument of stones,

at a point in a northwesterly direction 58 feet from the discovery shaft (at which this notice is posted,) being in the center of the north end line of said claim; thence easterly 277.4 feet to a pine post and monument, being the N.E. corner of said claim; thence southeasterly 1500 feet to a pine post & monument, being at the S.E. corner of said claim; thence westerly 5 feet to a post and monument at the center of the south end of said claim; thence westerly 250 feet to a post and monument, being at the S.W. corner of said claim; thence northwesterly 1500 feet to a post and monument at the N.W. corner of said claim; thence easterly 377.8 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.

This is an Amended Location Notice of the Hawkins, Mining Claim, located by E.F. Sweeney,

on the 2nd day of August, 1905, and recorded in Book 34 of Records of Mines, at page 426, in the office of the County Recorder of the aforesaid County of Cochise

to which reference is hereby made, and this amended Location Notice is made and posted to correct errors in the description in the said original Location Notice

Dated and posted on the ground this 20th day of April 1914

Witness: J. Balmforth

Sullivan Copper Development Company By: Cleo T. Knapp Attorney in fact.

STATE OF ARIZONA,

COCHISE

County of _____ } ss.

I, Queen S. Murphy, County Recorder in and for the County and

State aforesaid, do hereby certify that the within instrument was filed for record at _____ o'clock _____ M.,

on this _____ day of APR 24 1914, 19____, and duly recorded in Book No. 52

of MINING Records of COCHISE County, Arizona, at pages 597

Witness my hand and official seal the day and year first above written.

Queen S. Murphy
County Recorder.

100
SEARCHED
INDEXED
COMPARED
2236

AMENDED
Notice of Location
LODE CLAIM

Hawkins,

Dated _____, 19____

Filed and Recorded at request of

C. J. Swapp

APR 24 1914 A. D. 19____

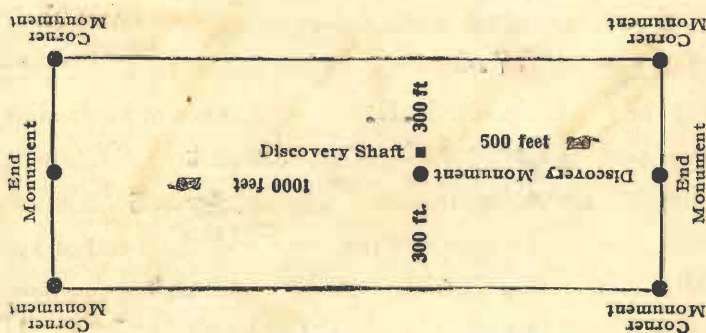
at _____ M.,

Book 52 Record of Mines

Pages 597

County Recorder.

By Queen S. Murphy
Deputy Recorder.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

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

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

Phoenix, Arizona,

August 22, 1914.

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

SULLIVAN COPPER DEVELOPMENT COMPANY

, known as the HAWKINS

, situate in CALIFORNIA

Mining District, COCHISE County,

ARIZONA, Approx., in Section 28, Township No. 16 S.

Range No. 30 E., Unsur., and designated as Survey

No. 3126, 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 1 cut and tunnel, total value \$580.00

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,

August 22, 1914.

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

SULLIVAN COPPER DEVELOPMENT COMPANY

....., known as the

HAWKINS

situate in CALIFORNIA mining district,

COCHISE County, ARIZONA, Approx.

in Section 28, Township No. 16 S., Range No. 30 E., Unsur.

....., designated as Survey No. 3126

executed by Ralph L. Motz, U. S. ~~Deputy~~ Mineral

Surveyor, May 7, 1914, 190...., under my instructions dated

May 5, 1914, 190...., 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. Ingalls

U. S. Surveyor-General for Arizona.