

(4-683.)

Mineral Survey No. 3150

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Sullivan Copper Development Co

KNOWN AS THE

Portland, Baltimore, Boston

California or Chiricahua Mining District,

Cochise County, Arizona

Approx. Sections 27 & 28, Township 16 S, Range 30 E, Unsurveyed

Surveyed under instructions dated September 15th, 1914.

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

Claim located see location notices, 1

Survey commenced September 30th, 1914.

Survey completed October 2nd, 1914.

6-101

Postoffice address of claimant's attorney.

Cleon T. Knapp,
Bisbee, Arizona.

MINERAL SURVEY NO 3150.

Boston et al lodes.

BOSTON

Beginning at Cor No 1, the S W Cor, identical with location and with Cor No 1 Baltimore lode of this survey, and situated on Line 1-4 Survey No 2101 Eclipse lode, at S 87° 52' W 413.1 ft from Cor No 1,

a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3150 BL,

whence an oak tree 16 ins in diameter blazed and scribed BT x 1-3150 brs N 3° W 30.2 ft, and a second oak tree with like scribing brs S 65° W 26.4 ft, and U. S. M. M. No 2099 California Mining District brs N 51° 36' W 513.4 ft.

thence N 9° 25' E

300.0 to original location for west end center, identical with east end center Baltimore lode of this survey, being a mound of stones 3 ft high with a 3 ft base,

600.0 same bearing to Cor No 2, the N W Cor, identical with location and with Cor No 4 Baltimore lode of this survey, and situated on line 1-4 Survey No 3125 Sullivan lode at N 87° 52' E 702.0 ft from Cor No 1,

a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3150 BL,

whence a porphyry rock in place with 20 x 24 x 24 ins high exposure chiseled BR x 2-3150 brs S 82° W 7.2 ft, and a second porphyry rock in place with a 48 x 48 x 24 ins high exposure with like chiseling brs S 21° 15' E 28.4 ft.

thence N 87° 52' E

798.0 to Cor No 4 Survey No 3125 Sullivan lode,

1317.7 same bearing intersect west side line Sunny Flat lode unsurveyed at N 23° 22' W 380.8 ft from the southwest corner,

1500.0 same bearing to Cor No 3, the N E Cor, identical with location,

a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3150 BL,

whence a limestone rock in place with a 36 x 36 x 20 ins high exposure chiseled BR x 3-3150 brs S 64° 10' E 9.0 ft, a second limestone rock in place 24 x 30 x 16 ins high exposure with like chiseling brs N 64° 40' E 21.4 ft.

thence S 9° 25' W

300.0 to original location for east^{end} center, being a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones,

313.8 same bearing intersect west side line Sunny Flat lode unsurveyed, at N 23° 22' W 51.0 ft from the southwest corner,

600.0 same bearing to Cor No 4, the S E Cor, identical with location,

a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3150 BL,

whence a limestone rock in place 6 x 8 x 10 ins high exposure chiseled BR x 4-3150 brs S 50° 10' E 24.0 ft, and a second limestone rock 6 x 10 x 3 ins high exposure with like chiseling brs N 64° 40' W 21.7 ft.

thence S 87° 52' W

1086.9 to Cors No 1 and 1 of Michigan lode Survey No 3131 and Eclipse lode Survey No 2101, respectively,

1500.0 same bearing to Cor No 1, the place of the beginning.

Ledge.

The presumed course of the vein on this claim is from the west end center N 87° 52' E 1500.0 ft.

BALTIMORE

Beginning at Cor No 1, the S E Cor, identical with location and with Cor No 1 Boston lode of this survey, heretofore described to which I add 1-3150 BaL for this survey. U. S. M. M. No 2099 California Mining District brs N 51° 36' W 513.4 ft.

thence S 87° 52' W

1091.3 to Cor No 4 Survey No 2101 Eclipse lode, and also intersect line 1-5 Survey No 3126 Hawkins lode at S 28° 17' E 654.8 ft from Cor No 5,

1468.4 same bearing intersect line 1-4 Survey No 2100 Colorado lode, at N 46° 05' W 220.5 ft from Cors No 1 and 3, respectively.
and line 3-4 Hawkins lode, Survey No 3126

1500.0 same bearing to Cor No 2, the S W Cor, identical with location,

a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3150 BaL,

whence a limestone rock in place 10 x 24 x 4 ins high exposure chiseled BR x 2-3150 brs N 64° W 4.9 ft, and a second limestone rock in place 24 x 24 x 14 ins high exposure with like chiseling brs S 38° E 6.9 ft.

thence N 9° 25' E

27.6 intersect line 1-4 Survey No 2100 Colorado lode, at N 46° 05' W 258.1 ft from Cors No 1, and 3 respectively.
and line 3-4 Hawkins lode, Survey No 3126

300.0 same bearing to original location for west end center, being a mound of stones 3 ft high with a 3 ft base,

600.0 same bearing to Cor No 3, the N W Cor, identical with location and with Cor No 5 Survey No 3126 Hawkins lode, and situated on line 1-2 Portland lode of this survey at S 87° 52' W 798.0 ft from Cor No 1,

a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3150 BaL,

whence a limestone rock in place 15 x 15 x 4 ins high chiseled BR x 3-3150 brs N 2° W 24.4 ft, and a second limestone rock in place 6 x 8 x 6 ins high exposure with like chiseling brs N 48° 45' W 24.5 ft.

thence N 87° 52' E

798.0 to Cor No 1, Portland lode of this survey and Cor No 1 Survey No 3125 Sullivan lode,

1500.0 same bearing to Cor No 4, the N E Cor, identical with location and with Cor No 2 Boston lode of this survey, heretofore described to which I add 4-3150 BaL for this claim.

- thence S 9° 25' W
- 300.0 to original location for east end center, identical with west end center Boston lode of this survey, described, heretofore
- 600.0 same bearing to Cor No 1, the place of the beginning.
- Ledge.
- The presumed course of the vein on this claim is from the west end center location N 87° 52' E 1500.0 ft.
-
- PORTLAND
- Beginning at Cor No 1, the S E Cor, identical with location and with Cor No 1 Survey No 3125 Sullivan lode, and situated on line 3-4 Baltimore lode of this survey at S 87° 52' W 702.0 ft from Cor No 4,
- a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3150 PL,
- whence a porphyry rock with a 14 x 30 x 5 ins high exposure chiseled BR x 1/3150 brs S 70° 20' E 62.0 ft, and a second porphyry rock 30 x 36 x 18 ins high exposure with like chiseling brs N 84° 55' E 74.3 ft, and U. S. M. M. No 2099 California Mining District brs S 39° 09' E 318.4 ft.
- thence S 87° 52' W
- 798.0 to Cors No 3 and 5 of Baltimore lode of this survey and Survey No 3126 Hawkins lode, respectively,
- 1453.2 same bearing to Cor No 4 Survey No 3126 Hawkins lode, and intersect line 1-4 Survey No 2100 Colorado lode at N 46° 05' W 1037.0 ft from Cor No 1, and S 46° 05' E 225.9 ft from Cor. No. 4
- 1500.0 same bearing to Cor No 2, the S W Cor, identical with location,
- a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3150 PL,
- whence a porphyry rock 8 x 8 x 3 ins high chiseled BR x 2-3150 brs N 37° 15' E 28.9 ft, and a second porphyry rock 10 x 12 x 4 ins high with like chiseling brs N 25° 10' W 28.8 ft.
- thence N 9° 25' E
- 40.9 to Cor No 2 Survey No 3125 New Year lode, and intersect line 1-4 Survey No 2100 Colorado lode at N 46° 05' W 1092.6 ft from Cor No 1, and S 46° 05' E 170.3 ft from Cor. No. 4
- 300.0 same bearing to original location for west end center, being a mound of stones 3 ft high with a 3 ft base,
- 600.0 same bearing to Cor No 3, the N W Cor, identical with location and with Cor No 2 Survey No 3125 Duluth lode,
- a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3150 PL,
- whence an oak tree 18 ins in diameter blazed and scribed BT x 3-3150 brs S 57° E 5.9 ft, and a second oak tree 9 ins in diameter with like scribing brs N 80° 10' W 17.9 ft.

thence N 87° 52' E

234.1 intersect line 1-2 Survey No 3125 New Year lode at N 30° 10' E 647.9 ft from Cor No 2,

1336.0 same bearing to Cors No 1 and 1 of Survey No 3125 Duluth and Minnesota lodes, respectively,

1500.0 same bearing to Cor No 4, the N E Cor, identical with location and with Cor No 2 Survey No 3125 Sullivan lode and situated on line 1-4 Survey No 3125 Minnesota lode,

a juniper post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3150 PL,

whence a porphyry rock 18 x 24 x 10 ins high exposure chiseled BR x 4-3150 brs S 31° 30' E 14.3 ft, and a second porphyry rock 24 x 24 x 15 ins high with like chiseling brs S 67° 12' W 16.5 ft.

thence S 9° 25' W

300.0 to original location for east end center, being a mound of stones with a 3 ft base, and 3 ft high,

600.0 same bearing to Cor No 1, the place of the beginning.

Ledge.

The presumed course of the vein on this claim is from the west end center location N 87° 52' E 1500.0 ft.

Areas.

Portland, total area-	20.243 A.
Conflict vs Sur No 3125	
New Year lode -	-1.472 A.
Conflict vs Sur No 2100	
Colorado lode -	-0.022 A.
Baltimore, total area -	20.243 A.
Conflict vs Sur No 2100	
Colorado lode -	-0.010 A.
Conflict vs Sur No 3126	
Hawkins lode -	-2.748 A.
Boston, total area-	20.243 A.
Conflict vs Sunny Flat	
lode, unsurveyed-	-0.643 A.

Improvements.

I hereby certify that the value of the labor and improvements, on each claim of this group, placed thereon by the claimant or its grantors, is not less than five hundred dollars for each location thereof, and that said improvements consist of:

Portland.

No.1.	Discovery shaft 4 x 6 x 10 ft deep brs from west end center N 87° 52' E 10.0 ft.	Value.	\$ 40.00
No.2.	Shaft 4 x 8 x 10 ft deep, brs from west end center S 62° 35' E 26.7 ft.	Value	\$ 50.00
No.3.	Shaft 4 x 6 x 10 ft deep brs from the west end center N 35° 10' E 79.5 ft.	Value	\$ 40.00
No.4.	Open cut 5 x 10 x 14 ft long with tunnel in face 5 x 7 x 39 ft long brg N 75° W, the mouth of open cut brs from Cor No 1 S 88° 56' W 604.4 ft.	Value	\$200.00

No.5. Open cut 5 x 8 x 28 ft long with tunnel in face 5 x 7 x 57 ft long brg N 81° E, the mouth of open cut brs from Cor No 1, S 88° 23' W 571.8 ft. Value \$312.00

Total improvements on claim, \$642.00

Baltimore.

No.1. Dis. cut 5 x 12 x 21 ft long with tunnel at face 5 x 7 x 24 ft long brg N 45° W, the mouth of open cut brs from east end center, S 87° 52' W 340.0 ft. Value \$180.00

No.2. Open cut 4 x 5 x 11 ft long brg N 75° W, the mouth of open cut brs from east end center S 70° W 350.0ft Value \$ 25.00

No.3. Open cut 8 x 10 x 16 ft long brg N 65° W, the mouth of open cut brs from east end center S 64° W 432.0 ft. Value \$ 50.00

No.4. Open cut 4 x 6 x 16 ft long brg S 85° W, the mouth of open cut brs from east end center S 62° 30' W 425.0 ft. Value \$ 35.00

No.5. Open cut 5 x 9 x 17 ft long brg N 60° W, the mouth of open cut brs from Cor No 1, N 68° 20' W 96.0 ft. Value \$ 35.00

No.6. Open cut 5 x 15 x 22 ft long, with tunnel at face 4 x 6 x 125 ft long brg S 25° E, the mouth of open cut brs from Cor No 2 N 73° 06' E 424.1 ft. 95.3 ft. of this tunnel is on this claim. Value of open cut and 95.3 ft of tunnel \$1233.50

Total improvements on claim \$1558.50

Boston.

No.1. Dis. cut 5 x 10 x 16 ft long and tunnel 5 x 7 x 28 ft long at face brg S 45° W the mouth of open cut brs from west end center N 87° 52' E 615.0 ft. Value. \$ 500.00

Total improvements on group \$2700.50

Adjoining Claims.

North. Survey No 3125, Duluth, Minesota and Sullivan lodes.

East. Sunny Flat lode, unsurveyed, owned by G. T. Colvin.

South. Survey No 3131 Michigan lode, Survey No 2101 Eclipse lode, Survey No 3126 Hawkins lode, Survey No. 2100, Colorado lode.

West. Survey No 3125 New Year lode.

Location.

This group of claims is located about seven miles in a northwesterly direction from the town of Paradise on unsurveyed ^{lode} in the California Mining District, Chiricahua National Forest, Cochise County, Arizona, approximately in T 16 S R 30 E G & S R B & M unsurveyed.

Secs. 27 & 28

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 $12^{\circ} 30'$ East at all corners.

Report.

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

Survey No 2100 Colorado lode. Cors No 1 and 4 are oak posts properly set and scribed. I find line 4-1 to be $S 46^{\circ} 05' E 1262.9$ ft instead of $S 46^{\circ} 05' E 1275.0$ ft.

Survey No 2101 Eclipse lode, Cors No 1 and 4 are juniper posts properly set and scribed. I find line 4-1 to be $N 87^{\circ} 52' E 1504.4$ ft instead of $N 87^{\circ} 40' E 1500.0$ ft.

Survey No 3125. New Year lode. Cors No 1 and 2 are juniper post properly set and scribed. I check line 1-2 in course and distance.

Duluth lode. Cors 1 and 2 are juniper posts properly set and scribed. I check line 1-2 in course and distance.

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

Sullivan lode. Cors 1, 2 and 4 are juniper posts properly set and scribed. I check lines 1-2 and 4-1 in course and distance.

Survey No 3126. Hawkins lode. Cors 1, 3, 4 and 5 are juniper posts properly set and scribed. I check lines 3-4, 4-5 and 5-1 in course and distance.

Survey No 3131 Michigan lode. Cor No 1 is a juniper post properly set and scribed. I che

Sunny Flat lode, unsurveyed. The southwest and the northwest corners are monuments of stones.

Ralph L. Motz
U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.
October, 5th, 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 Co

known as the Boston, Baltimore, Portland

and showing the respective capacities in which they acted.

- G. T. Colvin, Chainman.
- _____, Chainman.
- _____, Axman.
- _____, Flagman.

FINAL OATHS OF ASSISTANTS.

~~We,~~ I G T Colvin

and _____, do solemnly swear that ~~we~~ ^I 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 Co

known as the Boston, Baltimore, Portland

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.
- _____, Axman.
- _____, Flagman.

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

day of October, 1914.

Good Walker

Notary Public, in and for the County of Cochise, State of Arizona.

My Commission expires Sept 9-1916.



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 September 15th, 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 Co., known as the Portland, Baltimore, Boston, ~~known as the~~ Portland, Baltimore, Boston, situate in California or Chiricahua Mining District, Cochise County, Arizona, in Sections Approx. 27 & 28, Township No. 16 S., Range No. 30 E. G. & S R B & M. ~~unsurveyed~~ and designated as Survey No. 3150, 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
Notary Public this 5th
day of October, 1914.

JW Ross
Notary Public in and for the County
of Cochise, State of Arizona.
My Commission expires Febury 21, 1916.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Portland,
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 intention to become a citizen of the United States.")
the undersigned, on the 24 day of August ~~190~~ 1914.

The length of this claim is 1500 feet,
and it claims 10 feet,
in a westerly direction and
1490 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 from the
west to the east.

The claim is situated and located in the Chiricahua Mining District, in
State
Cochise County, in the ~~Territory~~ of Arizona, about 300 feet
in a northwesterly direction from Mineral Monument No 2099,
Chiricahua Mining District. It is bounded on the north by the Duluth
and Minnesota lodes, on the east by the Sullivan lode, on the south by
the Baltimore and Hawkins lodes, and on the west by the New Year lode
Mineral Survey No 3125.

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 10 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 300 feet to a post and
monument, being the N. W. corner of said claim; thence
easterly 1500 feet to a post and monument, being at the
N. E. corner of said claim; thence southerly 300 feet
to a post and monument at the center of the east end of said claim;
thence southerly 300 feet to a post and monument, being at the
S. E. corner of said claim; thence westerly 1500
feet to a post and monument at the S. W. 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 to Revise
and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Portland
Mining Claim, located by Frank Libbey and J. C. Hancock
on the 25th. day of
May 1903, and recorded in Book 28 of Records of Mines, at
page 254, 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 24 day of August, 1914. ~~190~~

Witness.

M. J. Colvin

Sullivan Copper Development Co
by Charles T. Kraft
Attorney in fact.

TERRITORY OF ARIZONA,
County of COCHISE

I, *Qua S Murphy*, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record ato'clock,M., on this SEP 3 1914 day of190..., and duly recorded in Book No. 53 of MINING Records of COCHISE County, Arizona, at pages 165

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

Qua S Murphy County Recorder.
By *Geo M Staller*

COMPARED / *or*

SEP 10 1914

AMENDED

Notice of Location.

LODE CLAIM.

Dated 190.....

Filed and Recorded at request of

C. J. Trapp

SEP 3 1914

A. D. 190.....

at M.

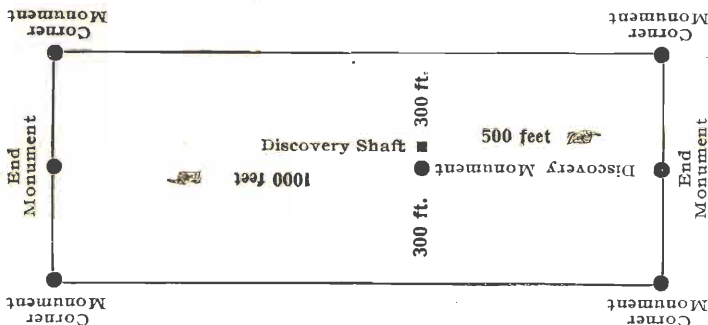
Book 53 Record of Mines

Pages 165

County Recorder.

By *Geo M Staller* Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



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.

AMENDED Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Baltimore
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 intention to become a citizen of the United States.")

the undersigned, on the 24 day of August, 1914. ~~1900~~

The length of this claim is 1500 feet,
and it claim s 340 feet,
in an easterly direction and 1160
feet in a westerly 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
west to the east.

The claim is situated and located in the Chiricahua Mining District, in
the Cochise State Territory of Arizona, ~~about~~ U. S. Mineral
~~xxxx~~ monument No 2099, Chiricahua ~~direction from~~ is situated about 70 northwesterly
from the discovery monument of this claim. This claim is bounded on the
north by Portland lode and Sullivan lode Min Sur No 3125, on the east by
the Boston lode, on the south by the Eclipse lode Min Sur No 2101, and on
the west by the Hawkins lode Min Sur No 3126.

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

a monument of stones
at a point in an easterly direction 340 feet from
the discovery shaft (at which this notice is posted), being in the center of the east
end line of said claim; thence southerly 300 feet to a post and
monument, being the S. E. corner of said claim; thence
westerly 1500 feet to a post and monument, being at the
S. W. corner of said claim; thence northerly 300 feet
to a post and monument at the center of the west end of said claim;
thence northerly 300 feet to a post and monument, being at the
N. W. corner of said claim; thence easterly 1500
feet to a post and monument at the N. E. corner of said claim;
thence southerly 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 to Revise
and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Baltimore
Mining Claim, located by Frank Libbey and J. C. Hancock
on the 16th day of
June 1903, and recorded in Book 28 of Records of Mines, at
page 257, 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 24 day of August, 1914. ~~1900~~

Witness.

G. J. Colvins

Sullivan Copper Development Co
by Chas. T. Knapp
attorney in fact.

TERRITORY OF ARIZONA, }
 County of COCHISE } ss.
 I, Qua E. Murphy, County Recorder in and for the County and
 Territory aforesaid, do hereby certify that the within instrument was filed for record at 1 o'clock, P. M.,
 on this SEP 3 1914 day of SEPTEMBER, 1904, and duly recorded in Book No. 53
 of MINING Records of COCHISE County, Arizona, at pages 164

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

Qua E. Murphy
 County Recorder.
By Geo M Stearns

SEP 15 1914
 COMPARED
 INDEXED
 453

AMENDED
Notice of Location.
 LODE CLAIM.

Dated 1904

Filed and Recorded at request of

C. J. Strapp

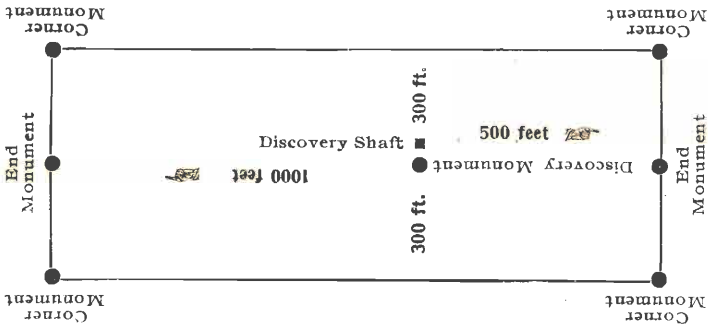
SEP 3 1914 A. D. 1904
 at 1 P M.

Book 53 Record of Mines

Pages 164

Qua E. Murphy County Recorder.
 By Geo M Stearns Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



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.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Boston 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 intention to become a citizen of the United States.")
the undersigned, on the 24 day of August, 1914. ~~1900~~

The length of this claim is 1500 feet, and it claims 615 feet, in a westerly direction and 885 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 from the west to the east.

The claim is situated and located in the Chiricahua Mining District, in Cochise County, in the Territory of Arizona, about 400 feet in an easterly direction from U.S. Mineral Monument No. 2099 Chiricahua Mining District. It is bounded on the north by the Sullivan lode Min Sur No 3125, on the south by the Michigan lode, and on the west by the Baltimore lode.

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

amonument of stones
at a point in a westerly direction 615 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 300 feet to a post and monument, being the N. W. corner of said claim; thence easterly 1500 feet to a post and monument, being at the N. E. corner of said claim; thence southerly 300 feet to a post and monument at the center of the east end of said claim; thence southerly 300 feet to a post and monument, being at the S. E. corner of said claim; thence westerly 1500 feet to a post and monument at the S. W. 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 to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Boston Mining Claim, located by Frank Libbey and J. C. Hancock on the 16th day of June 1903, and recorded in Book 28 of Records of Mines, at page 264, 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 24 day of August 1914. ~~1900~~

Witness.

G. F. Colvins

Sullivan Copper Development Co
by Chas. V. Krapp
Attorney in fact.

TERRITORY OF ARIZONA,

County of COCHISE ss.

I, Owen E. Murphy, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 1 o'clock P.M. on this SEP 3 1914 day of ... 190... and duly recorded in Book No. 53 of ... COCHISE County, Arizona, at pages 163

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

Owen E. Murphy County Recorder. by Gus M. Valle Sep

COMPARED

SEP 5 1914

INDEXED

AMENDED

Notice of Location.

LODE CLAIM.

Dated ... 190...

Filed and Recorded at request of

C. J. Traapp

A. D. 190...

at ... P.M.

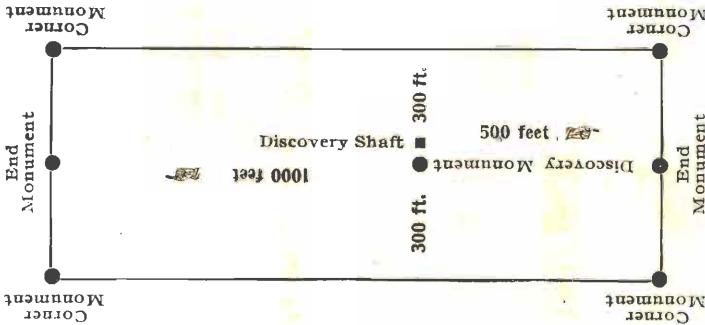
Book 53 Record of Mines

Pages 163

Owen E. Murphy County Recorder.

Gus M. Valle Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



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,

January 19, 1915.

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 CO.

known as the PORTLAND, BALTIMORE, BOSTON.

situate in CALIFORNIA OR CHIRICAHUA

Mining District, COCHISE County, ARIZONA, Approx.

in Section s 27 & 28, Township No. 16 S., Range No. 30 E., unsur., and

designated as Survey No. 3150, 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 each of said mining claims by claimant or its grantors, and that said improvements consist of 9 cuts, 5 tunnels and 3 shafts, total value \$2700.50.

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.

January 19, 1915.

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 CO.

, known as the

PORTLAND, BALTIMORE, BOSTON,

situate in CALIFORNIA OR CHIRICAHUA mining district,

COCHISE County, ARIZONA, Approx.

in Sections 27 & 28, Township No. 16 S., Range No. 30 E., unsur.

, designated as Survey No. 3150

executed by Ralph L. Motz, United States Mineral

Surveyor, September 30-October 2, 1914, 190, under my instructions dated

September 15, 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. Long

U. S. Surveyor-General for Arizona.