

AUG 17 1917

4-683

MINERAL SURVEY No. 3383

LOT No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Arizona Hercules Copper Company

KNOWN AS THE

Sulphide N°1, Sulphide N°2, Sulphide N°3 and Sulphide N°4 lodes

Mineral Creek Mining District,

Pinal County, Arizona

Sections 14, 15, 22 and 23, Township 3 S, Range 13 E unapproved

Surveyed under instructions dated April 4, 1917

by Olin C. Thompson
U. S. Mineral Surveyor.

Claim located, See location notices, 19

Survey commenced April 5 - ~~11~~, 1917

Survey completed " 11, 1917

Address of claimant's Attys, Hampton & Arnold,
Phoenix, Ariz

DATES OF AMENDED LOCATIONS.

All amended March 11 1917

AUG 17 1917

MINERAL SURVEY NO. 3383.

SULPHIDE NO. 1 LODE

Beginning at Cor. No.1, identical with Cor. No. 3 of the Albion lode, Sur. No. 2611 A, and with Cor. No.2 of the Sulphide No.2 lode of this survey, a granite stone 7 x 10 x 23 ins., set 12 ins. in the ground, chiseled 1-S No.1, 2-S No.2, 3383, 3-A-2611A, X at corner point, monument of stone alongside, whence

U. S. M. M. No.1 bears N. 63° 37' 42" E. 2913.95 ft.

No other bearings available.

Thence S. 11° 28' E.

75.00 Gulch, course ENE

300.00 E. E. C., a monument of stone.

600.00 To Cor. No.2, set a schist stone 7 x 10 x 21 ins., 12 ins. in the ground, chiseled 2-S No.1-3383, X at corner point, monument of stone alongside. No bearings available.

Thence S. 78° 32' W.

710.00 Gulch, course NE

1125.00 Gulch, course NE.

1500.00 To Cor. No.3, identical with Cor. No.2 Sulphide No. 3 lode of this survey, a gray porphyry stone 7 x 10 x 17 ins., set 12 ins. in the ground, chiseled 3-S No.1 and 2-S No.3-3383, X at corner point, monument of stone alongside. No bearings available.

Thence N. 11° 28' W.

200.00 Gulch, course E.

300.00 W.E.C., identical with E.E.C. Sulphide No.3 lode of this survey, a mound of stone.

600.00 To Cor. No.4, identical with Cor. No.3 Sulphide No.2 lode, Cor. No.1 Sulphide No.3 lode, Cor. No.2 Sulphide No.4 lode all of this survey, a gray porphyry stone 8 x 10 x 20 ins., set 12 ins. in the ground, chiseled 4-S No.1, 3-S No.2, 2 S No.4, 1-S No.3-3383, X at corner point, monument of stone alongside.

Cor. of Secs. 14, 15, 22 and 23, T. 3 S., R. 13 E., unapproved, bears N. 13° 16' E. 210.66 ft.

No other bearings available.

Thence N. 78° 32' E.

1500.00 To Cor. No.1, the place of beginning.

SULPHIDE NO. 2 Lode.

Beginning at Cor. No.1, on line 1-2 Emden lode, Sur. No. 2826, N. 78° 32' E. 902.37 ft. from Cor. No.2, identical with Cor. No.4 Albion lode, Sur. No. 2611 A, a granite stone 7 x 9 x 19 ins., set 14 ins. in the ground, chiseled 4-A-2611 A, X at corner point, to which I add 1-S No.2-3383, monument of stone alongside.

U. S. M. M. No.1 bears N. 75° 29' 38" E. 2819.87 ft.
No other bearings available.

Thence S. 11° 28' E.

55.00 Gulch, course East.

300.00 E. E. C., identical with W.E.C. Albion lode, Sur. No. 2611 A, a mound of stone.

600.00 To Cor. No.2, identical with Cor. No.3 Albion lode, Sur. No. 2611 A,, and Cor. No.1 Sulphide No.1 lode of this survey, previously described.

Thence S. 78° 32' W.

1500.00 To Cor. No.3, identical with Cor. No.4 Sulphide No.1 lode of this survey, previously described.

Thence N. 11° 26' W.

150.00 Gulch, course NE

300.00 W. E. C., identical with the E.E.C. Sulphide No.4 lode of this survey, mound of stone.

525.00 Gulch, course E.

600.00 To Cor. No.4, identical with Cor. No.1 Sulphide No.4 lode of this survey, set a quartzite stone 6 x 11 x 19 ins., 12 ins. in the ground, chiseled 4-S No.2, 1 S No.4-3383, X at corner point, monument of stone alongside.

No bearings available.

Thence N. 78° 32' E.

432.72 Intersect line 1-2 Behrens lode, Sur. No. 3031 at N. 67° 22' 42" W. 198.14 ft. from Cor. No.1.

597.63 Intersect line 4-1 Behrens lode, Sur. No. 3031, at N. 11° 02' 42" W. 111.05 ft. from Cor. No.1, point of intersection is also Cor. No.2 of the Emden lode, Survey No.2826. Thence along line 2-1 of the said Emden lode.

955.00 Gulch, course NE

1200.00 Same gulch, course S.

1350.00 Same gulch, course NE.

1400.00 Same gulch, course S.

1500.00 To Cor. No.1, the place of beginning.

SULPHIDE NO.3 lode.

Beginning at Cor. No.1, identical with Cor. No.4 of the Sulphide No.1 lode of this survey, previously described.

U. S. M. M. NO. 1 bears N. 68° 40' 54" E. 4380.57 ft.

Thence S. 11° 28' E.

300.00 To E.E.C., identical with W.E.C. Sulphide No.1 lode of this survey, previously described.

400.00 Gulch, course ENE.

600.00 To Cor. No.2, identical with Cor. No.3 Sulphide No.1 lode of this survey, previously described.

Thence S. 78° 32' W.

875.00 Gulch, course NE.

1500.00 To Cor. No.3, a schist quartzite stone 7 x 12 x 16 ins., set 9 ins. in the ground, chiseled 3-S No.3-3383, X at corner point, mound of stone alongside.

No bearings available.

Thence N. 11° 28' W.

300.00 W.E.C., monument of stone.

600.00 To Cor. No.4, identical with Cor. No.3 Sulphide No.4 lode of this survey, set a schist stone 8 x 12 x 24 ins., 12 ins. in the ground, chiseled 4-S No.3-3-S No.4-3383, X at Cor. point, monument of stone alongside.

No bearings available.

Thence N. 78° 32' E.

690.00 Gulch, course NE
 1205.00 Gulch, course NE.
 1500.00 To Cor. No.1, the place of beginning.

SULPHIDE NO. 4 lode.

Beginning at Cor. No.1, identical with Cor. No.4
 Sulphide No.2 lode of this survey, previously described.

U. S. M. M. No.1 bears N. $76^{\circ} 33'$ E. 4318.55 ft.

Thence S. $11^{\circ} 28'$ E.

75.00 Gulch, course E.
 300.00 E. E. C., identical with W.E.C. Sulphide No.2 lode of this
 survey, previously described.
 450.00 Gulch, course NE.
 600.00 To Cor. No.2, identical with Cor. No.4 Sulphide No.1 lode
 of this survey, previously described.

Thence S. $78^{\circ} 32'$ W.

295.00 Gulch, course NE.
 810.00 Gulch, course NE.
 1500.00 To Cor. No.3, identical with Cor. No.4 Sulphide No.3 lode
 of this survey, previously described.

Thence N. $11^{\circ} 28'$ W.

300.00 W. E. C., monument of stone.
 600.00 To Cor. No.4, set quartzite schist stone 10 x 10 x 19 ins.
 7 ins. in ground, chiseled 4-S No.4-3383, X at corner
 point, monument of stone alongside.

The south corner of Blue Bird lode, unsurveyed,
 bears N. $79^{\circ} 31'$ E. 700 ft.

No other bearings available.

Thence N. $78^{\circ} 32'$ E.

692.31 Intersect southwest side line Blue Bird lode, unsurveyed,
 at N. $43^{\circ} 45'$ W. 14.21 ft. from the South corner.
 718.91 Intersect the southeast end line Blue Bird lode, unsur-
 veyed, at N. $46^{\circ} 15'$ E. 22.49 ft. from the south corner.
 1010.00 Gulch, course E.
 1500.00 To Cor. No.1, the place of beginning.

Magnetic variation at all corners, 14° 10' E.

All corners and end centers are identical with their respective locations.

Lode Lines.

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

Sulphide No.1, N. 78° 32' E. 500 ft. and S. 78° 32' W. 1000 ft.

Sulphide No.2, N. 78° 32' E. 300 ft. and S. 78° 32' W. 1200 ft.

Sulphide No.3, N. 78° 32' E. 1000 ft. and S. 78° 32' W. 500 ft.

Sulphide No.4, N. 78° 32' E. 600 ft. and S. 78° 32' W. 900 ft.

AREAS.

Sulphide No.1 lode, 20.661 Acres.

Sulphide No.2 lode, 20.661

Area in conflict with Behrens lode, Sur. No. 3031, .210

Sulphide No.3 lode, 20.661

Sulphide No.4 lode, 20.661

Area in conflict with Blue Bird lode, unsurveyed, .004

LOCATION.

This survey is situated in Secs. 14, 15, 22 and 23, T. 3 S., R. 13 E., unapproved.

ADJOINING CLAIMS.

This survey is bounded on the east by the Albion lode Sur. No. 2611 A, on the north by the Emden lode, Sur. No. 2826 and the Behrens lode, Sur. No. 3031, also the Blue Bird lode, unsurveyed, claimed by Davis and unknown claimant. On the west and south there are no known claims.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I hereby certify that the value of the labor and improvements made upon the claims embraced in this survey by the claimant or its grantors, is not less than Five Hundred Dollars for each claim, and that said improvements consist of;

Sulphide No.1.

No.1, discovery point, cropping of mineral bearing material, on the lode line S. 78° 32' W. 500 ft. from E.E.C.

No.2, cut 8 x 22 x 18 ft. face, and tunnel 4 x 6 x 114 ft. Mouth of cut brs. N. 65° 30' W. 256 ft. from E.E.C. and extends N. 52° 45' W. At 62 ft. from portal tunnel extends N. 22° 45' W. 52 ft. to face. At 21 ft. from portal of tunnel, crosscut 4 x 6 x 19 ft. to left. AT62 ft., crosscut 4 x 6 x 6 ft. to left.

Value, \$1790.00

Sulphide No.2.

No.1, discovery point, cropping of mineral bearing formation, on the lode line, S. 78° 32' W. 300 ft. from E.E.C.

No.2, cut 6 x 42 x 18 ft. face and tunnel 4 x 6 x 115 ft. Mouth of cut bears N. 81° 13' W. 424 ft. from Cor. No.2, extending S. 71° 15' W. At 34 ft. from portal tunnel extends S. 86° 15' W. 81 ft. to face. At 34 ft. from portal crosscut to right 4 x 6 x 10 ft., to left 4 x 6 x 25 ft.

Value, \$1836.00

Sulphide No.3.

No.1, discovery point, cropping of mineral bearing material on lode line, bears N. 78° 32' E. 500 ft. from W.E.C.

No.2, cut 8 x 27 x 18 ft. face, and tunnel 4 x 6 x 131 ft., extending N. 51° 55' W. At 18 ft. from portal of tunnel crosscut on left 4 x 6 x 25 ft. Mouth of cut bears from point on line 2-3 432.5 ft. from Cor. No.2,

N. $87^{\circ} 15'$ W. 378.5 ft.

Value \$1848.00

Sulphide No.4.

No.1, discovery shaft 4 x 6 x 10 ft. deep, center of which bears S. $78^{\circ} 32'$ W. 600 ft. from E.E.C.

Value, \$50.00

No.2, cut 4 x 13 x 10 ft. face, and tunnel 4 x 6 x 126 ft., extending S. $7^{\circ} 35'$ W. Mouth of cut hrs. N. $79^{\circ} 56'$ W. 519 ft. from Cor. No.2. At 73 ft. from portal of tunnel crosscut on right 4 x 6 x 24 ft., on left 4 x 6 x 9 ft.

Value, \$1630.00

OTHER IMPROVEMENTS.

There are no other improvements on this group of mining claims.

INSTRUMENT.

This survey was executed with a Buff & Buff Transit No. 5998, having horizontal and vertical circles reading by verniers to single minutes. The courses were deflected from the true meridian as determined by direct solar observation. Distances with measured with 100 and 500 ft. steel tapes.

REPORT.

U. S. M. M. No.1 to which this survey is tied, is a pine post set in monument of stone, post about 6 x 6" 10 ft. high, on a high point of rock on the west side of Mineral Creek about $\frac{1}{4}$ mile south of the town of Ray.

Cor. of Secs. 14, 15, 22 and 23, T. 3 S., R. 13 E., unapproved, consists of a standard iron post with brass cap properly marked.

Albion lode, Sur. No. 2611 A. Cors. 3 and 4. The post had been removed. The monuments of stone which had surrounded same were still in place. I proceed to re-establish said corners at the points where the posts had originally stood as evidenced by openings in the stone monuments, as follows, Cor. No.4, set a granite stone 7 x

9 x 19 ins., set 14 ins. in ground, properly chiseled with the corner and survey numbers, monument of stone alongside. Cor. No. 3, set a granite stone 7 x 10 x 23 ins., 12 ins. in the ground, properly chiseled with the corner and survey numbers, monument of stone alongside.

Emden lode, Sur. No. 2826. Cor. No. 2, the post had been removed, the monument of stone still remaining with the opening showing the location of the post therein, I set a granite stone 6 x 7 x 25 ins., 12 in. in the ground, properly chiseled, at the true corner point.

Behrens lode, Sur. No. 3031, Cors. 1, 2 and 4. These corners are in place as originally established by me in Sur. No. 3031.

Blue Bird lode, unsurveyed, the corners of this claim are not in existence on the ground, having been destroyed. The location of this claim was identified by Jack Davis, agent for the owners, by defining the lode line as shown by various improvements and the discovery point, referred to in the notice of location.

The differences between the lines of this survey and the location notices are due to errors in the latter.

Oliver C. Thompson
U. S. Mineral Surveyor

10
AUG 17 1917

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Oliver C. Thompson

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

Arizona Hercules Copper Company

known as the Sulphide N^o1, Sulphide N^o2, Sulphide N^o3, Sulphide N^o4 lodes

and showing the respective capacities in which they acted.

Lee Niles, Chairman.

D. M. Johnson, Chairman.

....., Assman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, Lee Niles

and D. M. Johnson, do solemnly swear that we assisted Oliver C

Thompson, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of

Arizona Hercules Copper Company

known as the Sulphide N^o1, Sulphide N^o2, Sulphide N^o3, Sulphide N^o4 lodes

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

L. Niles, Chairman.

D. M. Johnson, Chairman.

....., Assman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 30

day of April, 1917.

R. B. Boyett
Notary Public

11
Aug 17. 1917

(4-686.)

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

I, Oliver C. Thompson, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated April 4. 1917, 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 Arizona Hercules Copper Company, known as the Sulphide N°1, Sulphide N°2, Sulphide N°3 and Sulphide N°4 lodes, situate in Mineral Creek Mining District, Pinal County, Arizona, in Sections 14, 15, 22 & 23, Township No. 3 S, Range No. 13 E unapproved, and designated as Survey No. 3383, 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.

Oliver C. Thompson
U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Oliver C. Thompson,
U. S. ~~Deputy~~ Mineral Surveyor, before me J. S. Pinner
Notary Public this 17th
day of August - 1917,

J. S. Pinner
Notary Public

My Commission
expires May 3, 1920

STATE OF ARIZONA,

County of } ss.

I,, 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, 19....., and duly recorded in Book No. of Records of County, Arizona, at pages

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

.....
County Recorder.

INDEXED
COMPARED

AMENDED
Notice of Location
LODE CLAIM

Dated, 19.....

Filed and Recorded at request of

..... A. D. 19.....

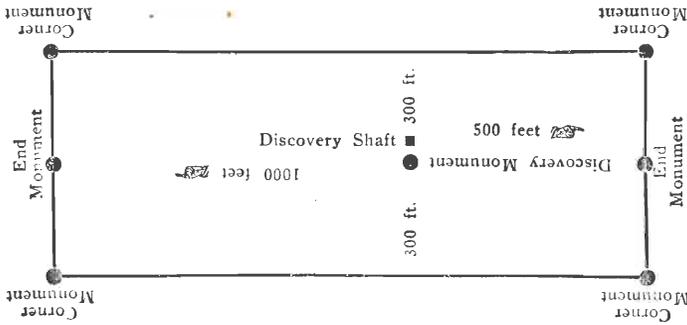
at M.,

Book

Pages

County Recorder.

By 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.

STATE OF ARIZONA, } ss.
County of Pinal }

I, W. L. BROWN, Recorder in and for the County of Pinal, State aforesaid, do hereby certify that the annexed instrument was filed and recorded at request of W. L. Brown on the 2 day of MAR, 1917 A. D., 1917 at 9 minutes past 9 o'clock A. M., in Book No. 33 of MINES Page 540

WITNESS my hand and official seal

day of MAR, 1917, 1917
W. L. BROWN

Recorder.

By W. L. Brown Deputy

AMENDED

APR 5- 1917

Notice of Mining Location

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

Sulphide No.2

This Mining Claim, the name of which is the
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 Arizona Hercules Copper Company, a corporation organized and
existing under and by virtue of the Laws of the State of Arizona

(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 11th day of March, 1917.

The length of this claim is 1500 feet,
and we claim 1200 feet,
in a westerly direction and 300
feet in a 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
east end center S 78° 42' W 1500 to the west end center

The claim is situated and located in the Mineral Creek Mining District, in
Pinal County in the State of Arizona, about one half mile south
in a southerly direction from the Town of Sonora

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
a point from which USMM No.1 Ming Dist. aforesaid bears N-76° 26' E, 2820.03-ft
thence S-11° 18' E 600-ft, thence S-78° 42' W 1500-ft, thence N-11° 18' W 600-ft
thence N-78° 42' E 1500-ft to place of beginning. All corners marked by stone monuments
at a point in a direction feet from
the discovery shaft (at which this notice is posted), being in the center of the
end line of said claim; thence feet to a
....., being the corner of said claim; thence
..... feet to a being at the
..... corner of said claim; thence feet
to a at the center of the end of said claim;
thence feet to a being at the
..... corner of said claim; thence feet
to a at the corner of said claim;
thence feet to the place of beginning.

All done under the provisions of the laws of the United States, and of the State of Arizona.

This is an Amended Location Notice of the Sulphide No.2

Mining Claim, located by W.P. Dunham and W.B. Twitchell

..... on the 24th day of
October, 1906, and recorded in Book A of Records of Mines, at
page 104, in the office of the County Recorder of the aforesaid County of Pinal

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 11th day of March, 1917.

ARIZONA HERCULES COPPER COMPANY

BY

[Signature]
General manager.

STATE OF ARIZONA,

County of ss.

I,, 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, 19....., and duly recorded in Book No. of Records of County, Arizona, at pages

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

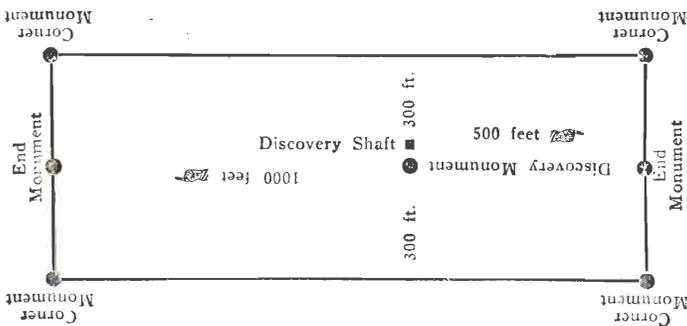
County Recorder.

INDEXED
COMPARED

AMENDED

Notice of Location
LODE CLAIM

Dated, 19.....
Filed and Recorded at request of, A. D. 19.....
at M.,
Book
Pages
County Recorder.
By 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.

STATE OF ARIZONA, }
County of Pinal } ss.

I, W. L. BROWN, Recorder in and for the County of Pinal, State aforesaid, do hereby certify that the annexed instrument was filed and recorded at request of W. L. Brown

on the day of MAR 21 1917
A. D. 1917, at minutes past
9 o'clock A. M., in Book No. 33
of MINES Page 541

WITNESS my hand and official seal
day of MAR 21 1917
W. L. BROWN
Recorder.

By W. L. Brown

AMENDED
Notice of Mining Location
LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Sulphide No.3
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 Arizona Hercules Copper Company, a Corporation, organized and existing
under and by virtue of the Laws of the State of Arizona.

(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 11th day of March, 1917

The length of this claim is 1500-ft feet,
and we claim 1000 feet,
in a easterly direction and 500
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
E end center S-78°42'W 1500-ft to the west end center

The claim is situated and located in the Mineral Creek Mining District, in
Pinal County in the State of Arizona, about one half mile
in a westerly direction from the Town of Sonora

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
a point from which USM No. 1, Mining Distct aforesaid bears North 88-39' East
~~4273.69-ft~~, S-11°18' E 600-ft, thence S-78°42' W 1500-ft, thence N-11°18'
W 600-ft, thence N-78°42'E 1500-ft, to place of beginning, All corners marked
by monuments of stone
at a point in a _____ direction _____ feet from

the discovery shaft (at which this notice is posted), being in the center of the _____
end line of said claim; thence _____ feet to a _____
_____, being the _____ corner of said claim; thence
_____ feet to a _____ being at the
_____ corner of said claim; thence _____ feet
to a _____ at the center of the _____ end of said claim;
thence _____ feet to a _____ being at the
_____ corner of said claim; thence _____ feet
to a _____ at the _____ corner of said claim;
thence _____ feet to the place of beginning.

All done under the provisions of the laws of the United States, and of the State of Arizona.

This is an Amended Location Notice of the Sulphide No.3
Mining Claim, located by W.P. Dunham and W.B. Twitchell

on the 26th day of
October, 1906, and recorded in Book A of Records of Mines, at
page 105, in the office of the County Recorder of the aforesaid County of Pinal

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 11th day of March, 1917.

ARIZONA HERCULES COPPER COMPANY
BY [Signature]
General Manager.

STATE OF ARIZONA,

County of ss.

I,, 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, 19....., and duly recorded in Book No. of Records of County, Arizona, at pages

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

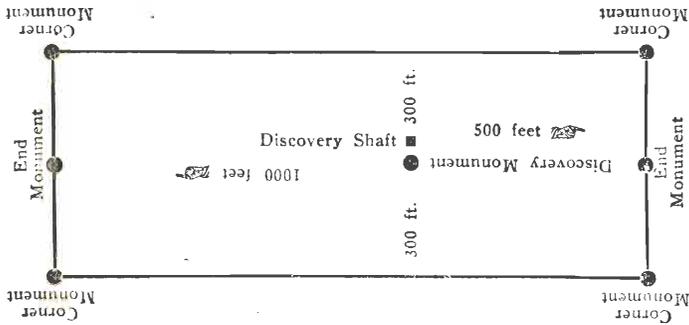
County Recorder.

INDEXED
COMPARED

AMENDED

Notice of Location
LODE CLAIM

Dated, 19.....
Filed and Recorded at request of, A. D. 19.....
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Pages
County Recorder.
By 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.

STATE OF ARIZONA, } ss.
County of Pinal

I, W. L. BROWN, Recorder in and for the County of Pinal, State aforesaid, do hereby certify that the annexed instrument was filed and recorded at request of *W. L. Adams*

on the day of MAR 2 1 1917
A. D. 1917 at minutes past
9 o'clock A. M. in Book No. *22*
of MINES Page *542*

WITNESS my hand and official seal
day of MAR 2 1 1917
W. L. BROWN
Recorder.

W. L. Brown
Deputy.

APR 13-1917

AMENDED

Notice of Mining Location

LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Sulphide No.4 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 Arizona Hercules Copper Company, a Corporation organized and existing under and by virtue of the Laws of the State of Arizona.

(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 11th day of March, 1917.

The length of this claim is 1500 feet, and we claim 600 feet, in a easterly direction and 900 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 E end center S-78°42'E 1500 to the West end center

The claim is situated and located in the Mineral Creek Mining District, in Pinal County in the State of Arizona, about 1/4 mile in a south-westerly direction from the Town of Sonora.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a point from which the U.S.M.M.No.1 Mng Dist. aforesaid bears N-76°32½'E - 4314-ft thence S-11°18'E 600-ft, thence S-78°42'W - 1500-ft, thence N-11°18'W 600-ft, thence N-78°42'E 1500-ft to place of beginning. All corners marked by stone monuments. at a point in a _____ direction _____ feet from the discovery shaft (at which this notice is posted), being in the center of the _____ end line of said claim; thence _____ feet to a _____, being the _____ corner of said claim; thence _____ feet to a _____ being at the _____ corner of said claim; thence _____ feet to a _____ at the center of the _____ end of said claim; thence _____ feet to a _____ being at the _____ corner of said claim; thence _____ feet to a _____ at the _____ corner of said claim; thence _____ feet to the place of beginning.

All done under the provisions of the laws of the United States, and of the State of Arizona.

This is an Amended Location Notice of the Sulphide No.4 Mining Claim, located by W.P.Dunham and W.B.Twitchell

on the 26th day of October, 1906, and recorded in Book A of Records of Mines, at page 106, in the office of the County Recorder of the aforesaid County of Pinal 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 11th day of March, 1917.

ARIZONA HERCULES COPPER COMPANY

BY [Signature]
General Manager.

STATE OF ARIZONA,

County of ss.

I,, 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, 19....., and duly recorded in Book No. of Records of County, Arizona, at pages

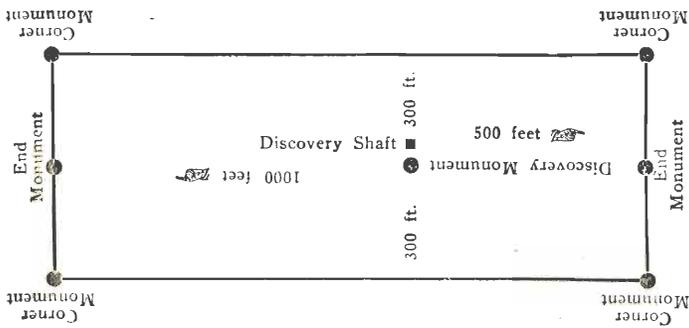
WITNESS my hand and official seal the day and year first above written.

County Recorder.

INDEXED
COMPARED

AMENDED
Notice of Location
LODE CLAIM

Dated, 19.....
Filed and Recorded at request of
..... A. D. 19.....
at M.,
Book
Pages
County Recorder.
By 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.

STATE OF ARIZONA, }
County of Pinal } ss.

I, **W. L. BROWN**, Recorder in and for the County of Pinal, State aforesaid, do hereby certify that the annexed instrument *Filed and recorded at request of W. L. Brown* on the MAR 21 day of 1917 A. D., 1917 at minutes past 9 o'clock A. M., in Book No. 23 of MINES Page 543

WITNESS my hand and official seal MAR 21 1917 1917

W. L. BROWN
Recorder.

By *W. L. Brown* Deputy.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

February 20, 1918

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

Arizona Hercules Copper Company

known as the Sulphide No. 1, Sulphide No. 2, Sulphide No. 3 and Sulphide No. 4 lodes.

situate in Mineral Creek Mining District, Pinal County, Arizona

in Section 14, 15, 22 & 23 Township No. 3 S., Range No. 13 E., unapp'd., and designated as Survey No. 3383

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 4 cuts, 4 tunnels, 1 shaft and 7 crosscuts, total value \$7154.

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 P. Trott,

United States Surveyor-General for Arizona.

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,

February 20., 1918.

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

Arizona Hercules Copper Company

, known as the

Sulphide No.1, Sulphide No.2, Sulphide No.3 and Sulphide No.4 lodes.

situate in Mineral Creek mining district,

Pinal County, Arizona.

in Sections 14, 15, 22&23, Township No. 3 S., Range No. 13 E., unapp'd.

, designated as Survey No. 3383

executed by Oliver C. Thompson, United States Mineral

Surveyor, April 5-11, 1917, under my instructions dated

April 4, 1917, 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.

[Handwritten signature]

U. S. Surveyor-General for Arizona.