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Platted

4-683

1
MAR 14 1917
MAR 8 1917

MINERAL SURVEY No. 3359

LOT No. _____

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

UNITED VERDE EXTENSION MINING COMPANY

KNOWN AS THE

WEDGE lode

VERDE Mining District,

YAVAPAI County, ARIZONA

Section 22 unsur. & 23, Township 16 N., Range 2 E.

Surveyed under instructions dated December 15, 1916

by J. WILLIAM WAARA
U. S. Mineral Surveyor.

Claim located See location notice, 19 16

Survey commenced December 23, 19 16

Survey completed February 12, 19 17

Address of claimant JEROME, ARIZONA.

DATES OF AMENDED LOCATIONS.

6-822 Address of attorney

RICHARD LAMSON, Atty.

PRESCOTT ARIZONA.

The MINERAL SURVEY NO. 3359

WEDGE LODE. Beginning at Cor. No. 1, a point where it was

impracticable to set stone for corner due to point being

on landslide, so I established a witness corner S. 30° -

46° - 30' E. 46.53 feet, a shist stone 14 x 16 x 30 inches

long set fifteen inches in the ground with a substantial

mound of stone alongside; chiseled W.C.W. 1 3359 with cross

on top for exact corner point, whence, from said Witness Cor.

The location monument being a mound of stone

three foot base and two feet high, brs. N. 28° - 25' W. 51.4

feet, a shist stone 10 x 16 x 18 inches exposed

and chiseled BxR W 1 3359, brs. N. 58° - 57' E. 49.3 feet.

chiseled BxR W 1 3359, brs. N. 58° - 57' E. 49.3 feet.

No other bearings available. Variation 14° - 50' E.

From the point for Cor. No. 1

the 1/4 corner between sections 22 and 23, T. 16

N. R. 2 E. of the Gila and Salt River Base and Meridian,

brs. S. 83° 47' - 26' - 30" E. 423.4 feet.

Thence S. 30° - 46' - 30" E. 46.53

Witness Corner, previously described.

Intersect the line between sections 22 and 23, S. 00° - 01' E.

237.4 feet from the 1/4 corner between said sections, and

N. 00° - 01' W. 2402.6 feet from the corner to sections 22-23,

26-27, established

COR. NO. 2, identical with the point for Cor. No. 5

Conglomerate lode Sur. No. 1213, located on line 2-3

Florencia lode, S. 41° - 54' W. 1134.8 feet from Cor. No. 2,

a shist stone 6 x 12 x 24 inches long set fifteen inches

in the ground with a substantial mound of stone alongside;

chiseled W. 2. 3359 with cross on top for exact corner point,

whence, a shist stone 5 x 3 x 0.1 feet exposed and

perphyry boulder 5 x 2 x 1 feet exposed and

chiseled BxR W 2 3359, brs. S. 80° - 29' E. 59.2 feet.

A shist boulder 5 x 3 x 0.1 feet exposed and

No.
chiseled BxR C/5, 1212 , brs. N.43°-45'W. 12.0 feet.
Sur.No. 1051,

The point for Cor.No.6 Maine lode established

N.40°-58'E. 79.0 feet from the point for Cor.No.2 of the
Sur. No 1395 Amended

161 to lode, brs. S.28°-12'E. 268.3 feet.

No other bearings available. Variation 13°-45'E.

Thence S.41°-54'W.

6.6 SOUTH CENTER END, a mound of stone.

14.6 Intersect line 6-1 Maine lode Sur. No. 1051, N.31°-09'W.

263.7 feet from the point for corner No. 16, and S.31°-09'E.

1208.3 feet from point for Cor. No. 1.

38.0 TO POINT FOR COR. NO. 3, which fell in roadway, so I establish

a witness corner N.31°-24'W. 11.7 feet, a porphyry stone

10 x 16 x 16 inches exposed, with a substantial mound of

stone alongside; chiseled W C W 3 3359 with cross on top

for exact corner point,

No bearings available. variation N.13°-50'E.

Thence N.31°-24'W.

to Cor. No 3

11.7 WITNESS Corner, previously described.

54.7 Intersect the line between sections 22 and 23, N.00°-01'W.

2320.2 feet from the corner to sections 22-23-26-27, and

S.00°-01'E. 319.8 feet from the 1/4 corner between sections

22 and 23.

1164.16 Witness Corner hereinafter described. *identical with line 1-4 Merchlode Sur. No 1212*

1206.01 Intersect line 1-2 Maine lode Sur. No. 1051, S.40°-35'W. 28.91 & 188.91

feet from the points for Cors No. 1 and 4 respectively.

1206.7 TO POINT FOR COR. NO. 4 where it was impracticable to set

stone for corner due to point being on a landslide, so I

established a witness corner S.31°-24'E. 42.54 feet, a

diorite stone 8 x 16 x 27 inches long, set twelve inches

in the ground with a substantial mound of stone alongside;

chiseled W C W 4 3359 with cross on top for exact corner

point whence from said witness Cor.

The location monument being a mound of stone three

foot base and two feet high; brs. N.33°-08'W. 43.9 feet.

A diorite boulder 3 x 2.5 x 0.5 feet exposed and

chiseled BxR W 4 3359, brs. N.52°-51'E. 27.2 feet.

No other bearings available. Variation 14°-50'E.

Thence N.41°-54'E. from true Corner point

28.7 NORTH CENTER END, identical with point for Cor.No.1
 Maine lode Sur. No. 1051, and Cor. No.6 Conglomerate lode
 Sur. No. 1212, and located on line 1-4 March lode Sur.
 No. 1212, S.40-35'W. 160 feet from point for Cor. No.4,
 a mound of stone whence
A boulder 3x1x0.3ft exposed and chiseled BXR, C.No.6-1212 brsN.10-45W.48.0ft
 Cor. No. 5 Conglomerate lode Sur.No. 1212, brs.
 S.31°-49'E. 1204.1 feet.

The point for Cor. No. 6 Maine Lode Sur. No. 1051
 brs. S.31°-09'E. 1472.0 feet.

51.76 TO THE PLACE OF BEGINNING. All corners are identical with
 their respective locations except where otherwise mentioned.

LODE LINE

As near as can be determined from the present develop-
 ments, the vein on this lode extends as follows from
 its discovery:

N.31°-30'W. 1197 feet and S.31°-30'E. 8.7 feet.

AREA

WEDGE LODE	Acres	Acres
total area		1.190 ✓
Area in conflict with		
Conglomerate lode Sur.No. 1212	0.306	
March Lode Sur. No. 1212	0.000+	
Maine lode Sur.No. 1051	0.691 ✓	

LOCATION

This survey is located upon both surveyed and
 unsurveyed land in sections 22 unsurveyed and 23 , T.16 N.
 R.2 E. of the Gila and Salt River Base and Meridian,
 within the limits of the Town of Jerome, Prescott National
 Forest, Verde Mining District, Yavapai County, State of
 Arizona.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I hereby certify that the value of the labor and
 improvements made upon, or for the benefit of this location,
 by the claimant or its grantors is ~~not~~ less than five
 hundred dollars, and that said improvement consist of;
 No.1 Discovery shaft, the center of which brs. N.31°-

30' W. 8.7 feet from the south center end. 4x6x10 ft. deep

value \$100.00

OTHER IMPROVEMENTS.

The townsite of Jerome, Arizona, covers this lode, as shown by the subdivision on the preliminary plat.

ADJOINING CLAIMS.

This survey is bounded on the south by Florencia lode Sur. No. 1076A, United Verde Copper Company, and United Verde Extension Mining Company, claimants, on the east and north by the March and Conglomerate lodes Sur. No. 1212, United Verde Extension Mining Company, claimant, and on the west by the Maine Lode Sur. No. 1051, United Verde Copper Company, claimant.

INSTRUMENT

This survey was made with a Lietz Light Mountain transit-theodolite no. 13-5929. The courses were deflected from the meridian as determined by polaris observations, and by observations by the use of the Saegmuller Solar Attachment. The distances were measured with a 500 foot steel tape.

REPORT

The section corners referred to in this survey, are iron pipes properly set and marked with the number of the sections as described in the field notes of said sections,

Survey No. 1212.

I do not agree with the course and distance of line 5-6 Conglomerate lode; am unable to determine position of line 1-4 March lode due to corners having been lost. I found the corners 5 and 6 Conglomerate lode missing but was able to establish points for said corners from the calls in the official records of said survey.

Survey No. 1076 A.

I do not agree with the course of line 2-3 of this lode. Cor. No. 3 is missing, and cannot be re-established

except through calls in the official records of adjoining surveys. Cor. No. 2 is a stone properly set and chiseled as described in the field notes of said survey, I do not agree with the course and distance of bearing from said corner to the bearing rock.

Survey No. 1051

All corners of this survey are missing and cannot be re-established except through calls in the official records of adjoining surveys. Cor. No. 1 was established from the calls in Sur. No. 1212, for Cor. No. 6 of said survey, Cor. No. 6 was established from the calls in Sur. No. 1395^{Amended}, 16 to 1 lode for Cor. No. 2 of said lode, which established the intersection point in the calls of Sur. No. 1051 Maine lode, thus by course and distance giving the point for corner no. 6. I found a stone 5 x 11 x 16 inches long near the point for Cor. No. 6 but the stone was not properly set or chiseled, having the following markings M V 1 1. I do not agree with the course and distance of line 1-6 of this survey.

Survey No. 1395 *Amended*

The point for Cor. No. 2 of this lode, was established from the bearing rock set in a stone wall, and from the calls in the official records of this survey.

The discrepancies found existing between the lode as marked by the location monuments and as described in the location notices are due to errors in the location notices.

The discrepancies between the lines of this survey and prior approved surveys are due to errors in the latter.

William Coara
U. S. MINERAL SURVEYOR

REPORT CONTINUED

Survey No. 1212.

Corner No. 6 Conglomerate lode, was established from a bearing rock chiseled BxR C No. 6 1212, it being a boulder 3 x 1 x 0.3 feet exposed. This corner is identical with Cor. No. 1 Maine Lode Sur. No. 1051, according to the record of Sur. No. 1212.

The record of this survey shows that Cor.No.5 Conglomerate lode is at the point of intersection of lines 1-6 Maine lode Sur.No. 1051 and 2-3 Florencia lode Sur.No. 1076A.but it is evident that the intersection point is not at the No.5 Conglomerate lode point for corner/as established from the bearing rock for said Cor.No.5 Conglomerate lode. It is this discrepancy that brought about the location of this Wedge Lode.

The point for Cor. No.7 Conglomerate lode, identical with cor.No.4 March lode was established from point for Cor. No.6 Conglomerate lode, according to the record of said survey.

William W. ...
 J.S. MINERAL SURVEYOR

The point for Cor. No. 8 of this lode, was established from the bearing rock set in a stone wall, and from the call in the official records of this survey. The discrepancies found existing between the lode as marked by the location monuments and as described in the location notices are due to errors in the location notices. The discrepancies between the lines of this survey and prior approved surveys are due to errors in the latter.

William W. ...
 J.S. MINERAL SURVEYOR

REPORT CONTINUED

Survey No. 1212. Corner No. 6 Conglomerate lode, was established from a bearing rock obtained Exs G No. 6 1212, it being a ponder 3 x 1 x 0.3 feet exposed. This corner is identical with Cor.No.1 Maine lode Sur.No.1051, according to the record of Sur.No.1212.

FINAL OATHS FOR SURVEYS.

MAR. 14. 1917

LIST OF NAMES.

A list of the names of the individuals employed by J. WILLIAM WAARA

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

UNITED VERDE EXTENSION MINING COMPANY

known as the WEDGE lode

and showing the respective capacities in which they acted.

FRED L. HANGER, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS.

XX I, FRED L. HANGER

and _____, do solemnly swear that ^I~~we~~ assisted J. WILLIAM

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

the boundaries of the mining claim of UNITED VERDE EXTENSION MINING COMPANY

known as the WEDGE lode

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.

_____, Chainman.

Fred L. Hanger, Chainman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 21st,

day of February, 19 17

E. A. Swiggin

Notary Public

MAR 14 1917

(4-686.)

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

I, J. WILLIAM WAARA, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for ARIZONA, dated DECEMBER 15, 1916, 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 UNITED VERDE EXTENSION MINING COMPANY, known as the WEDGE lode, situate in VERDE Mining District, YAVAPAI County, ARIZONA, in Section 22 unsur. & 23, Township No. 16 N., Range No. 2 E. and designated as Survey No. 3359, 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.

J. William Waara
 U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said J. WILLIAM WAARA,
 U. S. ~~Deputy~~ Mineral Surveyor, before me a Notary public in and for
Yavapai County, Arizona. this 10th
 day of March ~~February~~ 1917

[Signature]
 NOTARY PUBLIC

My commission expires Feb. 19, 1920.

Notice of Mining Location

LODE CLAIM

DEC. 15. 1916

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the WEDGE

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

C.C. LEAVITT

A CITIZEN OF THE UNITED STATES

(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 20 th day of November, 1916.

The length of this claim is 1200 feet,

and I claim 1190 feet

(We or I) in a northwesterly direction and

10 feet in a southeasterly direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with

150 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

northwesterly to the southeasterly

The claim is situated and located in the Verde Mining District, in

Yavapai County, in the State of Arizona, ~~xxxx~~ within limits of the

~~xx town of Jerome~~ ~~XXXXXXXXXX~~ being more particularly described

as the fractional area lying between the Maine and Conglomerate

patented mining claims

The surface boundaries of the claim are marked upon the ground as follows. Beginning at a monument of stone

at a point in a southeasterly direction 10 feet from

the discovery shaft (at which this notice is posted), being in the center of the southeasterly

end line of said claim; thence northeasterly 30 feet to a mon. of stone

, being the most easterly corner of said claim; thence

northwesterly 1200 feet to a mon. of stone, being at the

most northerly corner of said claim; thence southwesterly 30 feet

to a mon. of stone at the center of the northwesterly end of said claim;

thence southwesterly 30 feet to a mon. of stone, being at the

most westerly corner of said claim; thence southeasterly 1200

feet to a mon. of stone at the most southerly corner of said claim;

thence northeasterly 30 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United State, 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.

Dated and Posted on the Ground this 20 th day of November, 1916.

Witness

C.C. Leavitt

A.C. Thompson

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.

Notice of Location

LODE CLAIM

Dated -----, 191-

Filed and recorded at request of

Richard Lamson,

Dec., 14th., A. D., 1916.

at **1:55** o'clock **P.** M.,

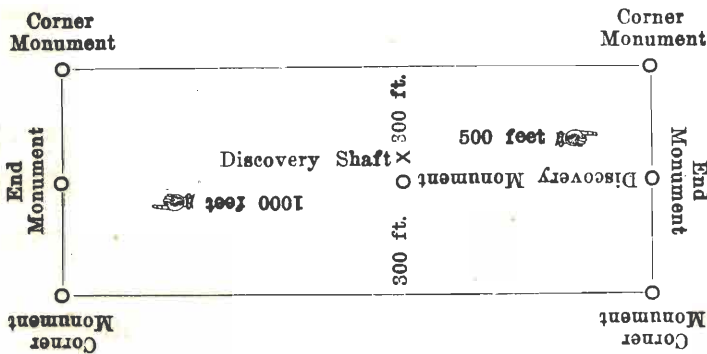
Book **103 of Mines;**

Page# -----

Records of **Yavapai** County, Arizona.

(**SEAL**) **L.S.Colwell,** County Recorder.

By **Lula McIntosh,** 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.

Filed and recorded at request of Richard Lemson,

Dec., 14th.,

A. D., 1916, at 1:55 o'clock

P. M., Book 103 of Mines,

pages#

Records of Yavapai County, Arizona.

(SEAL)

L. S. COLWELL,
County Recorder,

By Lula McIntosh,

Deputy Recorder.

STATE OF ARIZONA, }
COUNTY OF YAVAPAI. } ss.

I, L. S. Colwell, County Recorder in and for the County of Yavapai, State of Arizona, and
custodian of the records of such office, do hereby certify that I have compared the foregoing copy with,
and that the same is a full, true and correct copy of ORIGINAL Notice of Mining Location,
of " Wedge " Mining Claim, -Located by C.C.Leavitt, on Nov., 20th., 1916,
and,

filed for record on Dec., 14th., A.D., 1916, at 1:55-O'clock ^{P.M.,} and as the same appears of
record in my office in Book 103 of Mines;
at page# and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my
hand and affixed my Official Seal this 14th day
of December, A. D., 1916.

L. S. Colwell

County Recorder.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

August 7, 1917.

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

UNITED VERDE EXTENSION MINING COMPANY

known as the WEDGE LODE

situate in VERDE

Mining District, YAVAPAI County, ARIZONA

in Section 22 uns. & 23 Township No. 16 N., Range No. 2 E., and

designated as Survey No. 3359, 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.

less than

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, at time of survey, 1 shaft, value \$100.

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.

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 7, 1917.

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

UNITED VERDE EXTENSION MINING COMPANY

....., known as the

WEDGE LODE

situate in VERDE Mining District,

YAVAPAI County, ARIZONA.

in Sections 22 uns. & 23, Township No. 16 N., Range No. 2 E.

....., designated as Survey No. 3359

executed by J. William Waara, U. S. ~~Deputy~~ Mineral

Surveyor, December 23, 1916, Feb. 12, 1917, under my instructions dated

December 15, 1916, 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.



U. S. Surveyor-General for Arizona.

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for District of Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or its grantors, ^{or for} upon the mining claim of
United Verde Extension Mining Company

known as the WEDGE Lode,
situate in Verde mining district,
Yavapai County, Arizona
in Section 22 Unsur., & 23, Township No. 16 N, Range No. 2 E.;

that said improvements consist of, in addition to those reported at
time of survey, an undivided 1/89th interest, value \$3715.00,
in improvement No. 1, two lode, Mineral Survey No. 3436, (Un-
approved at this date), as set forth in the report of the mineral
surveyor hereto attached.

....., and that no portion of said labor or improvements has been
included in the estimate of expenditures upon any other claim. A copy of the report of
J. Wm. Werra, U. S. Deputy Mineral Surveyor, dated
June 10 19, 18, is hereto attached.



U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,

Phoenix, Arizona.

July 17, 1918.

Report of Expenditures upon Mining Claim, filed by U. S. ~~Deputy~~ Mineral Surveyor after return of Survey.

I, J. WILLIAM WAARA, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that in pursuance of instructions received from the United States Surveyor General for ARIZONA, dated February 4, 1918,

I have made a personal and thorough examination upon the premises, to ascertain the value of the labor expended and improvements made by claimant or its grantors upon the mining claim of the UNITED VERDE EXTENSION MINING COMPANY

known as the WEDGE, situate in VERDE mining district, YAVAPAI County, ARIZONA, in Section 23^{Unsur.} 23, Township No.

16 N., Range No. 2 E., surveyed by me Dec. 23, 1916 Feb. 12, 1917, ~~18x~~, and designated as Survey No. 3359;

that the value of the labor so expended and improvements so made are as fully stated in my report of said examination, hereto attached; that the character, extent, location and itemized value of said improvements 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.

J. William Waara
U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said J. WILLIAM WAARA, U. S. ~~Deputy~~ Mineral Surveyor, before me

this 11th day of June, 1918.



J. Brown
NOTARY PUBLIC

My commission expires. 2/19-20

(4-690.)

REPORT OF EXPENDITURES

UPON

MINING CLAIM,

FILED BY

U. S. DEPUTY MINERAL SURVEYOR

After Return of Survey.



MINERAL SURVEY NO. 3359

SUPPLEMENTAL REPORT OF IMPROVEMENTS

I hereby certify that the value of labor performed and improvements made upon or for the benefit of the lode embraced in Mineral Survey No. 3359, by the claimant or its grantors is not less than \$500.00 and that said improvement in addition to that which was reported at the time of making the survey, consists of:-

An undivided 1/89 th. interest in improvement No.1, TWO lode, Mineral Sur. No. 3436., hereinafter described.

Value	\$3715.00
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COMMON IMPROVEMENTS

Improvement No.1, TWO lode Sur.No.3436, is the portal end of a tunnel, now in the course of construction, the terminal point of which will be at the AUDREY shaft, on the Iron Carbonate Lode Sur.No. 1212, property of the claimant. This improvement commencing at the lowest possible point for a tunnel-site, is being driven to develop the lodes of the several groups owned by the claimant. The portal of the tunnel is accessible by railroad, and permits more economical handling of mining operations, in the development of the several groups through which it passes. It will give a maximum depth of about 1600 feet, in the development of the higher lodes of the claimant, and proportionately lower as we get closer to the portal. In its length of 12700 feet it will develop a district geologically for a great distance on either side, thus enabling further lateral development, in view of the fact that it is a "cross-cut" tunnel. As this tunnel traverses an area to the east of the great North and South fault of the Verde Mining District, it develops the area geologically due to the fact that surface conditions do not permit of a close study of the geological structures, and accordingly is a very great asset in the mining operation .

This tunnel will be used as a haulage tunnel for ores developed along its route, and also for drainage purposes, it having been proven that parts of the area traversed by this tunnel cannot be economically

developed by shafts due to enormous flows of water encountered. Taking into consideration geological conditions, haulage advantages, and drainage possibilities, I consider this improvement a common improvement and of such a character as to redound to the benefit of the following groups and lodes therein mentioned to wit:-

MINERAL SURVEY NO. 3436 *unapproved*

✓ Thirty four	✓ Five	✓ Thirty one
✓ Thirty three	✓ Meadow Wash	✓ Margarite
✓ Twenty nine	✓ Thirty two	✓ Mocking Bird
✓ Twenty eight	✓ Reverse	✓ One
✓ Twenty seven	✓ Mary Ann	✓ Two
✓ Eight	✓ Thirty	✓ Denny
✓ Six	✓ Coal Digger	✓ Jimmy
✓ Seven	✓ Four	✓ Jerry
✓ Eleven	✓ Three	✓ Indian Camp
✓ Nine	✓ Rose	✓ Lime vln
33 ✓ Ten	✓ Thirty one extension	✓ Moon fraction

MINERAL SURVEY NO. 3350

✓ No. 1
 ✓ No. 4
 ✓ No. 5
 ✓ No. 6
 5 ✓ No. 8

MINERAL SURVEY NO. 3315

✓ Sunset	✓ Hummer	✓ Spur
✓ Omega	✓ Leo	✓ Twilight fraction
✓ Santa Anna	✓ Antelope	
10 ✓ Virgo	✓ Diamond	

MINERAL SURVEY NO. 3435 *unapproved*

Tunnel Fraction.

MINERAL SURVEY NO. 3431 *unapproved*

June fraction

MINERAL SURVEY NO. 3197

✓ Texas	✓ Idaho	✓ Maine fraction
✓ Custer	✓ Ohio	✓ Oregon
✓ Utah	✓ Hampshire	✓ Arkansas
10 ✓ Vermont		

MINERAL SURVEY NO. 3305

✓ Hancock
 ✓ Houghton
 ✓ Galumet
 ✓ Laurium
 6 ✓ Quincy
 ✓ Franklin

MINERAL SURVEY NO. 3200

✓ Bouquet No. 1	✓ Bouquet No. 3	✓ Bouquet No. 6
5 ✓ Bouquet no. 2	✓ Bouquet No. 5	

MINERAL SURVEY NO. 3201

✓ Contention

MINERAL SURVEY NO. 3202

✓ Morgan Lode

MINERAL SURVEY NO. 3203

✓ Nellie Blye

MINERAL SURVEY NO. 1374

Lone Star.

MINERAL SURVEY NO. 2351

Mountain View.

MINERAL SURVEY NO. 3432

Star

MINERAL SURVEY NO. 3433

Taper Fraction

MINERAL SURVEY NO. 1395

16 to 1

MINERAL SURVEY NO. 1076A

Florencia lode

MINERAL SURVET NO. 3358

✓ Midget

MINERAL SURVEY NO. 3357

✓ Elk

MINERAL SURVEY NO. 1212

March
Bitter creek
Iron Carbonate
Conglomerate

MINERAL SURVEY NO. 1445

Little paisy

MINERAL SURVEY NO. 3359

✓ Wedge

Neglected Fraction, unsurveyed.

• All property contiguous and owned by the United Verde Extension Mining Company, claimant of this survey.

Total amount of tunnel completed

Lower terminal	4312 feet
Upper terminal	1647 feet

texas shaft west heading	316 ft.
east " "	338 ft.

(3)

making a total of 6613 feet.

Value \$330645.00

Equal undivided 1/89 th interest in the above mentioned improvement

value \$3715.00

OTHER IMPROVEMENTS

None.

J. William Waara
U.S. MINERAL SURVEYOR

June 10, 1918.

I, J. William Waara, U.S. Mineral Surveyor for the District of Arizona, first being duly sworn, depose and say that the above supplemental report is true and correct and that the improvements mentioned therein were made and completed prior to the date of the expiration of the publication of the notice of application for patent to the lands embraced within Mineral Survey no. 3359

J. William Waara
U.S. MINERAL SURVEYOR

State of Arizona)
County of Yavapai) ss.

Subscribed and sworn to by said J. William Waara, before me, a Notary public in and for the County of Yavapai, State of Arizona, this 11th day of June 1918 A.D.



J. Brown
NOTARY PUBLIC

My commission expires 7/19-20