

April 14, 1926

MINERAL SURVEY No. 3898

ARIZONA.

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

UNITED VERDE EXTENSION MINING COMPANY

KNOWN AS THE

COPPER SPIKE

VERDE

Mining District,

YAVAPAI

County, ARIZONA.

Section 23, Township 16 N., Range 2 E.

May 15, 1923

Surveyed under instructions dated May 26 1925, 19

by J. WILLIAM WAARA

U. S. Mineral Surveyor.

Claim located JUNE 18, 1918

Survey commenced June 29, 1923, 19

Survey completed June 20, 1925, 19

Address of claimant John H. Page & Company Attys for Claimant United Verde Extension Mining Company Phoenix Arizona.

DATES OF AMENDED LOCATIONS.

May 23, 1925

MINERAL SURVEY NO. 3898

COPPER SPIKE LODGE

Beginning at Cor. No.1, a schist stone located in the base of a stone dry wall foundation, 3x2x0.5 ft exposed, with a pine post 4"x4"x4.5 ft long set one foot in the ground alongside; chiseled C S 1 3898 with a cross on top for exact corner point; whence,

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. N.6°-31'W. 978.9 ft.

Cor. No. 2 Wedge lode Sur. No. 3359 brs. N.41°-58'E. 293.81 ft.

Thence N.41°-44'-30"E.

- 256.12 Intersect line 3-4 Wedge lode Sur.No.3359, N.31°-24'W. 1.09 ft. from the point for Cor. No.3.
- 279.55 Intersect line 1-6 Maine lode Sur. No. 1051, N.31°-09'W. 264.85 ft. from the point for corner No.6, and 1.15 ft. from its intersection with line 2-3 Wedge lode Sur.No. 3359; at a point S.41°-54'W. 14.6 ft from Cor. No.2 of said Wedge lode.
- 294.15 Intersect line 5-6 Conglomerate lode Sur.No. 1212 N.31°-49'W. 1.20 ft. from Cor. No.5, whence Cor. No.10 said lode brs. N.41°-58'E. 590.30 ft.
- 294.17 Intersect line 1-2 Wedge lode Sur. No. 3359, N.30°-46'-30"W. 1.21 ft. from Cor. No. 2.whence Cor. No.3 of said lode brs. S.41°-54'W. 38.0 ft.
- 884.72 Intersect line 9-10 Conglomerate lode identical with line 11-12 Iron Carbonate lode both Sur.No.1212, N.37°-39'-30"W. 3.39 ft. from Cor.Nos. 10 and 11 respectively, (~~whence Cor. No.14 said Iron Carbonate lode brs. N.41°-55'-30"E.~~) *not necessary*
- 1435.2 TO COR.2, A SCHIST STONE 8x12x30 inches long set fifteen inches in the ground with a substantial mound of stone alongside; chiseled C S 2 3898 with cross on top for exact corner point.

No bearings available.

Thence S.4°-22'E.

2.87 NORTHEAST CENTER END, a mound of stone.

7.27 TO THE POINT FOR COR.NO.3, identical with Cor. No.2

Florencia lode Sur. No. 1076A, situated on line 11-14

Iron Carbonate lode Sur. No. 1212, N.41°-55'-30"E. 546.06

ft. from Cor. No.11, also on line 1-2 Elk lode Sur.No.

3357, N.41°-55'-30"E. 11.4 ft from Cor. No.1, where it

was impracticable to set a stone for corner due to point

falling in channel of creek, and Cor. No.2 Florencia lode

Sur.No. 1076A having been washed away, so I established

a witness corner S.41°-44'-30"W. 4.55 ft., a diorite

boulder 2x2x0.3 ft exposed, with a substantial mound of

stone alongside; chiseled W C C S 3 3898 with cross on

top for exact corner point. From the true point for corner,

A diorite stone 3x2x1 foot exposed and chiseled BxR

E 1 3357, brs. N.78°-55'E. 45.55 ft.

A diorite stone 2x1x0.3 ft exposed and chiseled

W C E 1 3357 with cross for exact corner point, brs.

N.41°-55'-30"E. 10.7 ft.

~~The point for Cor. No.1 Elk lode Sur. No. 3357~~

~~brs. S.41°-55'-30"W. 11.4 ft.~~

The point for Cor. No.10 Conglomerate lode identi-

cal with Cor. No. 11 Iron Carbonate^{lode} both Sur. No. 1212,

brs. S.41°-55'-30"W. ^{546.06} 581.10 ft.

Thence S.41°-44'-30"W. (From true Cor.)

to Cor. No. 3

4.55 Witness Cor. previously described.

11.38 Intersect line 4-1 Elk lode Sur. No. 3357, S.74°-41'E.

0.04 ft from Cor. No.1 and 0.02 ft from its intersection

with line 2-3 Florencia lode Sur.No. 1076A, at a point

S.41°-53'W. 11.4 ft from Cor. No.2.

1152.22 Intersect line 1-6 Maine lode Sur. No. 1051, N.31°-09'W.

259.37 ft from Cor. No.6, and S.31°-09'E. 2.96 ft. from

its intersection with line 2-3 Florencia lode Sur. No.

1076A, at a point N.41°-53'E. 280.46 ft. from Cor. No.3.

1430.04 Intersect line 3-4 Florencia lode Sur. No. 1076A, S.74°-

50'E. 3.95 ft. from Cor. No.3.

1435.2 TO POINT FOR COR. NO.4, where it was impracticable to set a stone for corner, due to point falling in the base of a stone dry wall foundation, so I established a witness corner N.4°-22'W. 4.9 ft., identical with Cor. No.3 Florencia lode Sur. No. 1076A, a conical concrete monument, 10 inch circular top and 3 inches exposed, with center of a two inch pipe and union embedded in concrete, for exact corner point; chiseled W C C S 4 3898, and a 4"x 4" x 4.5 ft. pine post set in the ground alongside, From witness Cor. identical with Cor. No.3 Florencia lode Sur. No.1076A

Cor. No. 2 Wedge lode Sur.No. 3359 brs. N.41°-38'E. 295.46 ft.

Cor. No. 4 Florencia lode Sur. No. 1076A, being a cross on an iron pin driven flush with the ground, brs. S.74°-50'E. 588.71 ft.

Cor. No.2 Florencia lode Sur. No. 1076A brs. N.41°-53'E. 1431.78 ft.

A schist stone, located in the base of stone dry wall foundation, 18 x 12 x 5 inches exposed and chiseled BxR C S 4 3898 brs. S.4°-22'E. 1.20 ft.

Cor.No.2, 16 to 1 lode Sur.No. 1395 amended, an iron pin driven flush with the ground, brs. S.74°-30'E. 281.26 feet.

Thence N.4°-22'W.(from true Cor.point)

3.70 Bearing rock to Witness Corner previously described.

4.90 SOUTHWEST CENTER END, identical with Witness Corner to Cor. No.4 this lode, also Cor. No. 3 Florencia lode, Sur.No. 1076A, previously described.

7.27 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 15°-25'E.

LODE LINE

AS near as can be determined from present developments, the vein on this lode extends as follows from the discovery;

S.41°-45'-30"W. 304.0^{ft} and N.41°-45'-30"E. 1130.8 ft.

AREAS

	Acres	Acres
COPPER SPIKE lode		
Total area - - - - -		0.172
Area in conflict with		
Florenxia lode Sur. No. 1076A	0.058	
Maine lode Sur. No. 1051	0.034	
Wedge lode Sur. No. 3359	0.001	
Conglomerate lode Sur. No. 1212	0.030	
Iron Carbonate lode Sur. No. 1212	0.054	
Elk lode Sur. No. 3357	0.000+	
Florenxia lode Sur. No. 1076A exclusive of its conflict with Maine lode Sur. No. 1051		0.037
Maine lode Sur. No. 1051, exclusive of its conflict with Florenxia lode Sur. No. 1076A, Tract "A"		0.013
Maine lode Sur. No. 1051, exclusive of its conflict with Florenxia lode Sur. No. 1076A, Tract "B"		0.000+
Wedge lode Sur. No. 3359, exclusive of its conflict with Maine lode Sur. No. 1051		0.000+
Conglomerate lode Sur. No. 1212, exclusive of its conflict with Wedge lode Sur. No. 3359		0.030
Elk lode Sur. No. 3357, exclusive of its conflict with Florenxia lode Sur. No. 1076A		0.000+

Tract A is that part of the Copper Spike conflict with the Maine lode, Sur. No. 1051, lying west of line 2-3 Florenxia lode, Sur. No. 1076 A.

Tract B is that part of the Copper Spike conflict with the Maine lode, Sur. No. 1051; lying south of line 3-4 Florenxia lode, Sur. No. 1076 A. ADJOINING CLAIMS.

This survey is located upon surveyed land in Section 23 T.16 N.R.2 E. of the Gila and Salt River Base and Meridian, within the 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 improvements consist of;

No. 1 Discovery shaft, the center of which shaft bears N.41°-45'-30"E. 304 ft from the southwest center end. 2.0x7.8x25.0 ft deep partly timbered.

Value \$100.00

No 2 A tunnel, 4x6x130 ft long situated on the 1100 foot level of the workings of the United Verde Extension Mining Company, claimant, the southeast corner of face of said tunnel, brs N.41--53'E. 492 ft from the southwest center end, running thence N.41°-53'E. 130 ft to cross-tunnel cut/which brs. N.48°W.

Value \$1300.00

OTHER IMPROVEMENTS

None.

ADJOINING CLAIMS.

This survey is bounded on the west, northwest, north, and northeast, by the Maine lode Sur. No.1051, Wedge lode Sur. No.3359, Conglomerate and Iron Carbonate lodes Sur. No.1212, and the Elk lode Sur. No.3357, United Verde Extension Mining Company claimant, and on the east, southeast and south by the Florencia lode Sur. No. 1076A, United Verde Copper Company, and United Verde Extension Mining Company, claimants.

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 checked by direct solar observations. The distances were measured with a 500 foot and 150 foot steel tape.

REPORT

The 1/4 corner between Sections 22 and 23, T.16 N.R. 2 E. is an iron pipe properly set and chiseled with the number of the section as described in the field notes of said survey.

Sur.No.1076A. Florencia lode

The three corners mentioned in this survey have been obliterated, but I was able to establish the point for Cor. No.2 from the calls as reported in my return for

Mineral Survey No. 3357, Elk lode. Cor. No. 3, the location of which has been privately preserved by the setting of an iron pin at the true situs of the original corner, by Mr. C.V. Hopkins, at that time Chief Engineer of the United Verde Copper Company, claimant, is now marked by an iron pipe set in concrete as described in my return for ~~xxx~~. Witness Corner to Cor. No. 4 Copper Spike; Cor. No. 4, the location of which has been preserved by the setting of a large steel rail at the true situs of the original corner, by Mr. Hopkins, is now marked by an iron pin driven flush with the ground. I do not agree with the courses and distances of lines of this survey.

Sur. No. 1051, Maine lode

All the corners of this survey are missing, The points for corners were re-established from the calls in the official records of adjoining surveys, especially at this time from the calls in Mineral Survey No. 3359 executed by me. I do not agree with the course and distance of line 1-6 of this survey.

16 to 1 lode

Survey No. 1365 Amended. The point for Cor. No. 2 of this survey was established from the bearing rock (now missing) set in a stone wall, and from the calls in the official records of this survey, and ^{my} Sur. No. 3359

Survey No. 1212 Conglomerate and Iron Carbonate lodes

Corners No. 5-6-9-10 of this survey were missing but I was able to re-establish the point for corners from bearing rocks, and the calls in the official records of said survey. Cor. No. 14 is standing, being re-inforced with a concrete slab surrounding its base. I do not agree with the courses and distances of lines of this survey.

Survey No. 3357 and 3359 Elk and Wedge lodes (Resp)

Corners of these surveys are standing as reported. I agree with in the limit of error on the courses and distances of lines of these surveys.

The records of Survey No. 1212 show 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 point for corner No.5 Conglomerate lode as established from the bearing rock in Mineral Survey No. 3359. It is this discrepancy that brought about the location of the Wedge lode Sur. No.3359, and when Mr C.V.Hopkins learned of the re-establishment of Cor. No.5 Conglomerate lode Sur. No.1212 as above mentioned, he in turn,located for the United Verde Copper Company, acting as Chief Engineer and its agent, the Copper Spike lode. Through knowledge of privately preserved ^{as aforesaid} corners, he was able to substantiate his position in the matter, and on the basis of this location of the Copper Spike lode, it was transferred to the United Verde Extension Mining Company.

The discrepancies found existing between the lode as marked by the location monuments and as described in the location notice, 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. W. W.
U.S. MINERAL SURVEYOR

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

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

United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of _____

UNITED VERDE EXTENSION MINING COMPANY

known as the COPPER SPIKE lode

and showing the respective capacities in which they acted.

TEMP GAMEL _____, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~, I, Temp Gamel

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

Waara

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

the boundaries of the mining claim of United Verde Extension Mining Company.

known as the COPPER SPIKE lode

represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his

direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully

and correctly executed, and the corner and boundary monuments established according to law and the instruc-

tions furnished by the United States Surveyor-General for ARIZONA.

Temp Gamel _____, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 12

day of April, 19 26

Mary A. Brown

Notary Public

My commission expires _____

4-686.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, J. William Waara, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
~~May 15, 1923 & May 26, 1925~~, 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
COPPER SPIKE lode
situate in Verde Mining District,
Yavapai County, Arizona, in Section
23, Township No. 16 N., Range No. 2 E. G & S.R. B & M.
and designated as Survey No. 3898, 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 per-
petuated in strict accordance with the law, official regulations and instructions there-
under; 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. Mineral Surveyor.

Subscribed and sworn to by the said J. William Waara
U. S. Mineral Surveyor, before me a Notary Public
..... this 12th
day of April, 1926

Mary A. Brown
Notary Public

My commission expires.

6-1044

My Commission Expires July 17, 1929

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,
PUBLIC SURVEY OFFICE,

Phoenix, Arizona,

May 1, 1926.

I, U. S. Surveyor-General for Office Cadastral Engineer at Phoenix, Arizona

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

United Verde Extension Mining Company

known as the COPPER SPIKE lode

situate in Verde

Mining District, Yavapai County, Arizona

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

designated as Survey No. 3898, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 1 shaft and 1 tunnel, total value \$1400.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona, is correct and in conformity with the foregoing Field Notes.

John D. Adams

Office Cadastral Engineer, Phoenix, Arizona.

United States Surveyor-General for

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

DEPARTMENT OF THE INTERIOR
PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

..... May 1, 192 6

I, Office Cadastral Engineer at Phoenix, Arizona

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

United Verde Extension Mining Company

....., known as the

COPPER SPIKE lode

situate in Verde mining district,

Yavapai County, Arizona

in Section 23, Township No. 16 N, Range No. 2 E

....., designated as Survey No. 3898

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

Surveyor, June 29, 1923 - June 20, 1925, under ~~my~~ instructions dated

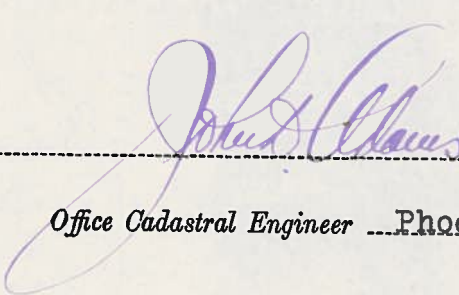
May 15, 1923 & May 26, 1925, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.


.....
Office Cadastral Engineer Phoenix, Arizona.