

MINERAL SURVEY No. 3879

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF United Verde Copper Company

United Verde Copper Company.

KNOWN AS THE

CAPTAIN LODE

Verde Mining District,

Navapai County, Arizona

Section ~~Unsur.~~ ^{Unsur.} 22, Township 16 N., Range 2 E.G. & S.R.B. & M

Surveyed under instructions dated January 13, 1923

by Alfred B. Colwell U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced Feby. 7, 1923

Survey completed Feby. 25, 1923

Address of claimant's Atty's: Anderson, Gale & Nilsson, Prescott, Ariz.

DATES OF AMENDED LOCATIONS.

~~Dec 6 1922~~

Feet	Captain lode.
	Beginning at Cor.No.1
	Not set for reasons hereinafter given. Whence
	W.C. hereinafter described, brs. N. 28° 56' W. 174.57 ft.
	The W. $\frac{1}{4}$ Cor. Sec. 23 T. 16 N., R. 2 E. G. & S. P. P. & M. bears
	S. 84° 54' E. - 2935.83 ft.
	Thence S. 83° 04' 10" W.
1.12	Intersect line 4-1 Sur.No.3646 Captain lode, claimant herein at S. 22° 41' 10" E. - 578.01 ft. from Cor.No.4 and N. 22° 41' 10" W. - 636.10 ft. from Cor.No.1
22.85	Intersect line 2-3 Sur.No.594 Chrome Northwestern No.1 lode, claimant herein at S. 17° 41' 40" E. - 510.68 ft. from Cor.No.3 and N. 17° 41' 40" W. - 623.17 ft. from Cor.No.2.
52.52	Intersect line 1-2 Sur.No.1177 Missing Link lode, claimant herein at S. 29° 33' 40" E. - 602.70 ft. from Cor.No.2 and N. 29° 33' 40" W. - 141.88 ft. from Cor.No.1
59.64	S.E. End Center, Not set for reasons hereinafter given.
67.31	Intersect line 5-6 Sur.No.592 Wade Hampton lode, claimant herein at S. 28° 15' E. - 597.16 ft. from Cor.No.5 and N. 28° 15' W. - 657.17 ^{856.87} ft. from Cor.No.6
119.64	To Cor.No.2
	Not set for reasons hereinafter given.
	W.C. hereinafter described, brs. N. 28° 56' W. 204.12 ft.
	Thence N. 28° 56' W.
150.00	Edge of Glory Hole.
204.12	Witness Corner to Cor.No.2
	A cross(+) on face of boulder bedded in ground, showing 2x3ft. above surface, chiseled + and W.C.C-2, 3879 with mound of rock alongside.
287.42	Intersect line 2-3 Sur.No.3646 Captain lode at S. 18° 04' 40" E. - 295.38 ft. from Cor.No.3 and N. 18° 04' 40" W. - 895.58 ft. from Cor.No.2
300.00	Monument of rock on side line of amended location.
600.00	To Cor.No.3
	On the common end line 3-5 Sur.No.592 Wade Hampton and 2-3 Sur.No.1152 Jerome lodes, claimant herein, at N. 83° 04' 10" E. - 578.00 ft. and 412.58 ft. from Cors.No.3 of said lodes respectively

Feet	
	<p>A diorite rock 5 x 10 x 22 ins. set 12 ins. in the ground chiseled + at exact corner point and C-3, 3879 with mound of stones alongside. Whence No bearings are available.</p> <p>Thence N.83°04'10" E.</p>
60.00	<p>Northwest End Center</p> <p>On line 2-3 Sur.No.1152 Jerome lode Identical with the common corner No.5 Sur.No.592 Wade Hampton, No.2 Sur.No.1177 Missing Link and No.3 Sur.No.3646 Captain lodes.</p>
119.64	<p>To Cor.No.4</p> <p>On lines 2-3 Sur.No.1152 Jerome lode, 2-3 Sur.No.1177 Missing Link lode and 3-4 Sur.No.3646 Captain lode at S.83°04'10"W.-66.72 ft. from Cor.No.2 said Jerome and Cor.No.4 said Captain lodes.</p> <p>A diorite stone 8 x 12 x 24 ins. set 12 ins. in the ground chiseled + at exact corner point and C-4, 3879 Whence Cor.No.3 Sur.No.594 Chrome Northwestern No.1 lode bears S.69°48'E.-119.70 ft.</p> <p>Thence S.28°56'E.</p>
300.00	<p>Monument of Rock on side line of amended location.</p>
425.43	<p>Witness Corner to Cor.No.1</p> <p>A cross (+) on ledge of rock in place showing 3 x 8.10 ft. above the ground, chiseled + and W.C., C-1-3879 with mound of rock alongside.</p>
435.00	<p>Edge of Glory Hole</p>
484.78	<p>Intersect line 2-3 Sur.No.594 Chrome Northwestern No.1 lode at S.17°41'40"E.-401.94 ft. from Cor.No.3 and N.17°41'40"W.-731.91 ft. from Cor.No.2</p>
590.10	<p>Intersect line 4-1 Sur.No.3646 Captain lode at S.22°41'10"E.-568.47 ft. from Cor.No.4 and N.22°41'10"W.-645.64 ft. from Cor.No.1</p>
600.00	<p>To Cor.No.1, The place of beginning</p> <p>Variation at all corners 14°30'E.</p>

Lode line.

The lode line of this claim is presumed to run N.28°56'W 527.49 ft. and S.28°56'E.-72.51 ft. from the discovery monument.

Area

Total Area 1.528 Acres

Area in conflict with

Sur.No.592 Wade Hampton lode717 Acres

Sur.No.594 Chrome Northwestern No.1 lode028 "

Sur.No.1177 Missing Link lode716 "

Sur.No.1177 Missing Link lode Exclusive of its conflict with Sur.No.594 Chrome Northwestern No.1 lode.... .688 "

Sur.No.3646 Captain lode 1.328 "

Sur.No.3646 Captain lode Exclusive of its conflict with Sur.No.592 Wade Hampton lode..... .811 "

Sur.No.3646 Captain lode Exclusive of its conflict with Sur.No.594 Chrome Northwestern No.1 lode ... 1.300 "

Sur.No.3646 Captain lode Exclusive of its conflict with Sur.No.1177 Missing Link lode612 ✓ "

Sur.No.3646 Captain lode Exclusive of its conflict with Sur.No.1177 Missing Link lode, Sur.No.594 Chrome Northwestern No.1 lode, and Sur.No.592 Wade Hampton lode, .612

Sur.No.3646 Captain lode Exclusive of its conflict with Surs.Nos.592 Wade Hampton, 594 Chrome Northwestern No.1 and 1177 Missing Link lodes095 "

The survey of this claim is identical with the amended location.

Location

This claim is situated in Unsurveyed Sec.22 T.16 N.

R.2 E. Gila and Salt River Base and Meridian, within the Prescott Nat'l Forest.

Adjoining claims.

On the North, Sur.No.1152 Jerome lode.

On the East, Sur.No.1177 Missing Link lode, & Sur.No.594, Chrome Northwestern No.1 lode.

On the South, Sur.No 3646 Captain lode

On the West Sur.No.592 Wade Hampton lode

Expenditure of Five Hundred Dollars.

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

No.1 The discovery cut.

The original discovery work has been obliterated by the steam shovel excavation known as the Glory Hole which covers a large area and has removed the surface of the southern end of this claim to ^{a maximum} depth of not less than 150 ft. ^{with an average depth of seventy-five feet,} The Northerly limit of the excavation is properly located in the field notes and shown on plat filed herewith.

Estimated contents of said excavation within the lines of this claim is 50000 Cu.Yds.

Value at \$1.00 per Cu.Yd. \$50000

No.2 A tunnel, the present mouth of which is on the lode line at 445 ft. from the Northwest End Center, Running thence N.28°30'W. -28 ft. to face 4 x 6 ft.

Value \$275

Other Improvements, - None

Instrument

This survey was made with a C.L. Berger & Sons transit. The courses were deflected from the true meridian as determined by direct solar observations. Distances were measured with steel tapes.

Report.

The lines of this claim, except where conflicting with the Glory Hole, were run upon the ground, as were also the ties to existing corners of adjoining claims and to the Sec. Cor.

No attempt was made to set the corners on line 1-2 as they fall on the steep side of the Glory Hole excavation and are inaccessible.

Connections to conflicting claims were all made to the Northerly corners and were found to agree with Sur. No. 3646 Captain lode. Inasmuch as the Southerly corners

Hampton, 594 Chrome Northwestern No.1, 1177 Missing Link, and 3646 Captain lodes have been destroyed by the steam shovel excavation, I have assumed the position of said corners to be as given in Sur.No.3646 Captain lode, which was made while said corners were still in place.

The corners of conflicting and adjoining claims, insofar as they are found in place are concrete monuments, 1 ft.dia.at base and 18 ins.high, being replacements of the original corners by the claimant herein.

The W. $\frac{1}{4}$ Cor.Sec.23 T.16 N.R.2 E. G.& S.R.B.& M. is an iron pipe with bronze cap, properly marked.

There is at this time no physical evidence of the Location Monument or original discovery work, for reasons hereinbefore stated. I have therefore assumed their location from the official plat of said Sur.No. 3646 Captain lode.

Note

The N.W.and N.E.corners of the amended location were found to be monuments of rock instead of concrete monuments as stated in the amended location notice.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Alfred B. Colwell

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 Copper Company

known as the Captain lode.

and showing the respective capacities in which they acted.

S. B. Cerf, Chainman.

Chainman.

Asman.

Flagman.

FINAL OATHS OF ASSISTANTS.

We, I.....S. B. Cerf.....

and do solemnly swear that we assisted Alfred B.

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

the boundaries of the mining claim of United Verde Copper Company

known as the Captain 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 instructions furnished by the United States Surveyor-General for Arizona

S. B. Cerf, Chainman.

Chainman.

Asman.

Flagman

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

day of March, 1923

My Commission Expires June 1, 1925

R. W. Warren
Notary Public



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Alfred B. Colwell, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
January 13-1923, 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 Copper Company.
....., known as the
Captain lode,
situate in Verde Mining District,
Yavapai County, Arizona, in Section
~~22~~ ^{On sur.} Township No. 16 N., Range No. 2 E. G. & S. R. B. & M.,
and designated as Survey No. 3879, 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. except in the case of Sur. No. 3646
which was a survey of this same claim, based on the original
location.

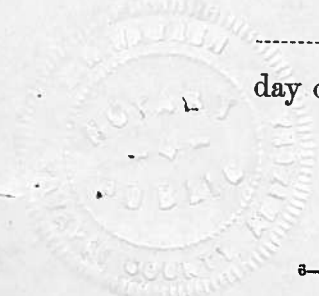
Alfred B. Colwell
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Alfred B. Colwell
U. S. Mineral Surveyor, before me a Notary Public

this 2nd
day of March, 1923

My Commission Expires June 1, 1925

R. W. Warren
Notary Public



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

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

Phoenix, Arizona,

April 30, 1923.

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 Copper Company

, known as the CAPTAIN Lode

, situate in Verde

Mining District, Yavapai County,

Arizona, in Section 22 Unsur., Township No. 16 N.,

Range No. 2 E., G. & S. R. E. & M., and designated as Survey

No. 3879, 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 tunnel and a steam shovel excavation,
total value \$50,275.

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,

April 30, 1923

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 Copper Company

, known as the

CAPTAIN Lode

situate in Verde mining district,

Yavapai County, Arizona

in Section 22 Unsur., Township No. 16 N., Range No. 2 E.

, designated as Survey No. 3879

executed by Alfred B. Colwell, U. S. Mineral

Surveyor, February 7 - 25, 1923, under my instructions dated

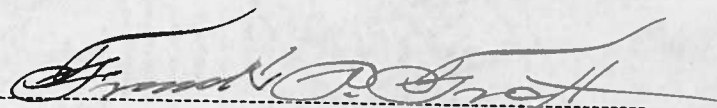
January 13, 1923, have been critically examined and the necessary

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.



U. S. Surveyor General for Arizona.