

4-683

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MINERAL SURVEY No. 3 7 5 0

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Howard Copper Company

KNOWN AS THE

Sulphuric No.1, Sulphuric No.2, Midwest, Copper Schist No.3 and Copper Schist No.4 lodes.

Black Canyon Mining District,

Yavapai County, Arizona

Section 30 and 31 unsu Township 10 N., Range 2 E.G. & S.R. B&M.

Surveyed under instructions dated March 3-- , 1921

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

Claim located See location notices , 19

Survey commenced March 5 , 1921

Survey completed March 20 , 1921

Address of claimant 612 I.W. Hellman Bldg. Los Angeles, Cal.

DATES OF AMENDED LOCATIONS.

10 11 1921 7033 25

Mineral Survey No.3750

Feet

Copper Schist No.4 lode.

Beginning at Cor.No.1

Identical with Cor.No.4 Sur.No.3645 Copper Schist No.5 lode, claimant herein!

A schist rock 3 x 12 x 27 ins.set 16 ins.in the ground chiseled + at exact corner point and C.S.5-4-3645,C.S.4-1-3750 with mound of rock alongside Whence

The S. 1/4 Cor. Sec.31 T.10 N.R.2 E.G.& S.R.B.& M. bears S.28°56'44"E.-3277.62 ft.

No other bearings available.

Thence N.88°25'W.

300.00 South End Center

A monument of rock.

600.00 To Cor.No.2

A schist rock 3 x 15 x 24 ins.set 12 ins.in the ground chiseled + at exact corner point and C.S.4-2-3750 with mound of rock alongside Whence

A corner of the location bears S.40°W.-50 ft.

Thence N.1°35'E.

1500.00 To Cor.No.3

Identical with Cor.No.2 Copper Schist No.3 lode of this survey

A pine post 5 x 5 ins. 4ft.long set in mound of rock,nail at exact corner point scribed C.S.4-3,C.S.3-2-3750 Whence

A ledge of rock in place 2 x 3 x 3 ft.above the ground, chiseled + and B.R.,C.S.4-3,C.S.3-2-3750 bears S.70°40'W. 11.3 ft.

Thence S.88°25'E.

300.00 North End Center

Identical with South end center Copper Schist No.3 lode of this survey,

A mound of rock.

600.00 To Cor.No.4

Identical with Cor.No.3Copper Schist No.5 lode and Cor.No.4 Copper Schist No.2 lode Sur.No.3645 and with Cor.No.1 Copper Schist No.3 lode of this survey.

A 5 x 5 in.post 4 ft.long, set 18 ins.in the ground with

Mineral Survey No.3750

Feet	
	<p>mound of earth and stone, nail at exact corner point, scribed C.S.5-3, C.S.2-4, 3645, C.S.4-4, C.S.3-1-3750 Whence No bearings are available. Thence S.1°35'W.</p>
1500.00	<p>To Cor.No.1, The place of beginning Copper Schist No.3 lode. Beginning at Cor.No.1 Identical with Cor.No.3 Copper Schist No.5 and Cor.No.4 Copper Schist No.2 lodes, Sur.No.3645 and with Cor.No.4 Copper Schist No.4 lode of this survey. Previously described Whence The S. $\frac{1}{4}$ Cor. Sec.31 T.10 N.R.2 E.G. & S.R.B. & M. bears S.19°28'44"E. -4632.78 ft. No other bearings available. Thence N.88°25'W.</p>
300.00	<p>South End Center Identical with North end center Copper Schist No.4 lode of this survey, previously described.</p>
600.00	<p>To Cor.No.2 Identical with Cor.No.3 Copper Schist No.4 lode of this survey, previously described. Whence A ledge of rock showing 2 x 3 x 3 ft. above ground chisel- ed + and B.R. C.S.4-3, C.S.3-2, 3750 bears S.70°40'W. 11.3ft Thence N.1°35'E</p>
355.00	<p>Cor.No.1 Sulphuric No.2 lode of this survey</p>
1500.00	<p>To ^{Point for} Cor.No.3 On line 1-2 Midwest lode of this survey 6 ft. from Cor.No.2 Not set as it falls in bed of small gulch, unsuitable for a permanent corner. witness corner hereafter described bears S.88°25'E. 7 ft. Thence S.88°25'E. from true corner point</p>
4.66	<p>Intersect line 4-1 Sulphuric No.2 lode of this survey at N.1°49'E. -114500 ft. from Cor.No.1</p>
.7.00	<p>Witness Corner to Cor.No.3</p>
1.00	<p>A + chiseled on exposed bed rock and W.C., C.S.3-3-3750 with monument of rock alongside</p>
65.00	<p>South End Center Midwest lode of this survey.</p>

Feet
 300.00 North End Center
 A Monument of rock

365.00 Cor.No.4 Sur.No.3645 Millsite lode and Cor.No.1 Midwest lode of this survey

600.00 To Cor.No.4
 Identical with Cor.No.3 Sur.No.3645 Copper Schist No.2 lode.
 On line 4-1 Sur.No.3645 Millsite lode.
 A schist rock 4 x 16 x 32 ins.set 18 ins.in the ground chiseled + at exact corner point and C.S.2-3,3645,C.S.3-4-3750 with mound of rock alongside Whence
 No bearings are available.
 Thence S.1°35'W.

1500.00 To Cor.No.1, The place of beginning.
 Midwest lode.
 Beginning at Cor.No.1
 Identical with Cor.No.4 Sur.No.3645 Millsite lode.
 On line 3-4 Copper Schist No.3 lode of this survey.
 A schist rock 3 x 13 x 31 ins.set 20 ins.in the ground chiseled + at exact corner point and M 4-3645,M.1-3750 mound of rock alongside Whence
 The S. $\frac{1}{4}$ Cor. ~~un~~ Sec.31 T.10 N.R.2 E.G.& S.R.B.& M. bears S.16°29'10" E.-6125.35 ft.
 A ledge of schist rock showing 1 x 5 ft.above ground, chiseled + and B.R.,M.4-3645 M.1-3750 bears S.80°W.-3.60 ft.
 Thence N.88°25'W.

65.00 North end center Copper Schist No.3 lode of this survey.

300.00 South End Center
 A monument of rock

358.00 Witness Corner to Cor.No.3 Copper Schist No.3 lode of this survey

360.34 Intersect line 4-1 Sulphuric No.2 lode of this survey at S.1°49'W. 341. Ft. From Cor.No.4

365.00 Point for Cor.No.3 Copper Schist No.3 lode of this survey

371.00 To Cor.No:2
 A granite rock 5 x 14 x 19 ins.set 12 ins.in the ground chiseled + at exact corner point and M.2-3750 with mound of rock alongside Whence

Mineral Survey No. 3750

Feet	No bearings are available. Thence N.3°35'E.
341.20	Cor.No.1 Sulphuric No.1 lode and Cor.No.4 Sulphuric No.2 lode of this survey
1200.20	Center of wagon road, 10 ft. wide course Southeasterly to mine workings and Northwesterly to Turkey P.O., claimant herein.
1500.00	To Cor.No.3 On line ⁴⁻¹ Sulphuric No.1 lode of this survey. A granite rock 8 x 12 x 24 ins. set 14 ins. in the ground chiseled + at exact corner point and M, 3-3750 with mound of rocks alongside. Whence No bearings are available. Thence S.88°25'E.
71.00	North End Center In dry bed of Turkey Creek, a monument of rocks.
100.00	Middle of Turkey Creek course Southeasterly.
371.00	To Cor.No.4 Identical with Cor.No.3 Sur.No.3645 Millsite lode. A schist rock 2 x 12 x 24 ins. set 14 ins. in the ground chiseled + at exact corner point and M.3-3645, M.4-3750 with mound of rocks alongside. Whence No bearings are available. Thence S.3°35'W
330.00	Middle of bed of Turkey Creek, 60 ft. wide course North-easterly.
1425.00	Middle of wagon road, 10 ft. wide, course Southeasterly to mine workings and Northwesterly to Turkey P.O.
1500.00	To Cor.No.1, The place of beginning. Sulphuric No.2 lode Beginning at Cor.No.1 On line 2-3 Copper Schist No.3 lode of this survey. A schist rock 3 x 12 x 26 ins. set 16 ins. in the ground, chiseled + at exact corner point and S.2-1-3750 with mound of rock alongside. Whence The S. $\frac{1}{4}$ Cor. un der Sur. Sec. 31 T.10 N.R.2 E., G. & S.R.B. & M.

Mineral Survey No.3750

Feet bears S.24°15'E-5197.70 ft.

No other bearings available.

Thence N.88°25'W.

300.00 South End Center

A monument of rocks.

600.00 To Cor.No.2

A schist rock 6 x 12 x 22 ins.set 12 ins.in the ground
chiseled + at exact corner point and S.2-2-3750 with
mound of rocks alongside.

Whence

A corner of the location bears S.75°W.-40 ft.

A ledge of rock in place 2 x 6ft.3 ft.high chiseled + and

B.R. S.2-2-3750 bears N.86°10'W.-48.6 ft.

Thence N.1°49'E.

1486.00 To Cor.No.3

Identical with Cor.No.2 Sulphuric No.1 lode of this survey

A schist rock 5 x 10 x 20 ins.set 12 ins.in the ground,
chiseled + at exact corner point and S.2-3-,S.1-2-3750
with mound of rock alongside.

Whence

A + on boulder 2 x 2 x 3 ft.above ground, chiseled B.R.

S.2-3,S.1-2-3750 bears S.60°33'W.-25.65 ft.

Thence S.88°25'E.

300.00 North End Center

Identical with South end center Sulphuric No.1 lode of
this survey, A monument of rocks.

600.00 To Cor.No.4

Identical with Cor.No.1 Sulphuric No.1 lode of this survey

On line 2-3 Midwest lode of this survey.

A schist rock 6 x 19 x 36 ins.set 18 ins.in the ground
chiseled + at exact corner point and S.2-4,S.1-1-3750
with mound of rocks alongside.

Whence

No bearings are available.

Thence S.1°49'W

341.00 Intersect line 3-4 Copper Schist No.3 lode of this survey,
and line 1-2 Midwest lode
at S.88°25'E, 4.66 and 10.66 Ft. from Cors. 3 and 2 respectively.

1486.00 To Cor.No.1, The place of beginning.

Sulphuric No.1 lode.

Beginning at Cor.No.1

Mineral Survey No.3750

Feet	
300.00	<p>Identical with Cor.No.4 Sulphuric Nb.2 lode of this survey Previously described. Whence The S. $\frac{1}{4}$ Cor.unsur. Sec.31 T.10 N.R.2 E.,G.& S.R.B.& M. bears S.18°32'30"E.-6565.09 ft. Thence N.88°25'W.</p>
	<p>Identical with North end center Sulphuric No.2 lode this survey Previously described.</p>
600.00	<p>To Cor.No.2 Identical with Cor.No.3 Sulphuric No.2 lode of this survey previously described Whence A + on boulder 2 x 2 x 3 ft.above ground, chiseled S.2-3, S.1-2-3750 bears S.60°33'W.-25.65 ft. Thence N.3°35'E.</p>
1020.00	<p>Middle of wagon road,10 ft.wide,course Easterly to mine and Westerly to Turkey P.O.</p>
1180.00	<p>Middle of Turkey Creek 50 ft.wide,course Northeasterly</p>
1490.00	<p>To Cor.No.3 A schist rock 3 x 16 x 29 ins.set 15 ins.in ground, chiseled + at exact corner point and S.1-3-3750 Whence An old stone chimney 8 ft.high bears S.25°27'E.-173 ft. Thence S.88°25'E.</p>
300.00	<p>North End Center A monument of rocks.</p>
600.00	<p>To Cor.No.4 A schist rock 5 x 14 x 26 ins.set 16 ins.in the ground chiseled + at exact corner point and S.1-4-3750 with mound of rocks alongside. Whence B:+ R. and S.1-4-3750 chiseled on face of cliff 15 ft. high bears East 4.00 ft. A corner of the location bears N.70°E.-50 ft. Thence S.3°35'W.</p>
230.00	<p>Middle of Turkey Creek,50 ft.wide,course Southeasterly</p>
331.20	<p>Cor.No.3 Midwest lode of this survey.</p>
631.00	<p>Middle of wagon road,10 ft.wide,course Southeasterly and Northwesterly</p>
1490.00	<p>To Cor.No.1, The place of beginning.</p>

Variation at all corners 14°30'E.

Lode lines.

As near as may be determined from present developments the lode lines of this claim run as follows from their respective discovery points.

Copper Schist No.4 lode-N.1°35'E.-150 ft. and S.1°35'W. 1350 ft.

Copper Schist No.3 lode- N.1°35'E.-1000 ft. and S.1°35'W 500 ft.

Midwest lode- N.3°35'E.-1230 ft. and S.3°35'W.-270 ft.

Sulphuric No.2 lode-N.1°49'E.-11 ft.and S.1°49'W.-1475 ft.

Sulphuric No.1 lode.N.3°35'E.-1475 ft.and S.3°35'W.15 ft.

Area

Total area Copper Schist No.4 lode 20.661 Acrs.

Total area Copper Schist No.3 lode 20.661 "

Total area Midwest lode 12.768 "

Total area Sulphuric No.2 lode 20.468 "

Area in conflict with Copper Schist No.3 lode of this survey061 "

Area in conflict with Midwest lode of this survey042 "

Total area Sulphuric No.1 lode 20.511 "

The survey of this claim is identical with the respective locations except when otherwise stated in these notes.

Location

This survey is situated in Unsur.Secs.30 and 31 T.10 N. R.2 E.Gila and Salt River Base and Meridian.

Adjoining claims.

This claim is bounded on the East by Copper Schist No.5 Copper Schist No.2 and Millsite lodes Sur.No.3645

There are no known claims on the North,West or South.

Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements as described herein,made upon the locations embraced in this claim by the claimant or its grantors is less than five hundred dollars for each location and that said improvements consist of-

- On Copper Schist No. 4 lode
- No. 1 The Location Monument
At the point of discovery, on the lode line at S. 1° 35' W.
150 ft. from the north end center monument.
- No. 2 The discovery cut, the mouth of which bears from Cor. No. 4
S. 65° 40' W. - 360 ft. running thence East 13 ft. to 8 ft.
face 4 ft. wide.
Value \$50
- No. 3 A cut the mouth of which bears from Cor. No. 4 S. 40° W. -
125 ft. running thence southeasterly 12 ft. to 8 ft. face
4 ft. wide.
Value \$50
- On Copper Schist No. 3 lode.
- No. 1 The Location Monument.
At the point of discovery, on the lode line at N. 1° 35' E.
500 ft. from the south end center monument.
- No. 2 The discovery cut, the face of which is on the lode line
at 480 ft. from the south end center, running thence East
10 ft. to mouth, 8 ft. face, 4 ft. wide.
Value \$50
- On the Midwest lode
- No. 1 The discovery cut, the mouth of which is on the lode line
at 270 ft. from the south end center, running thence South
14 ft. to 8 ft. face, 4 ft. wide.
Value \$50
- On Sulphuric No. 2 lode
- No. 1 The Location Monument.
At the point of discovery, on the lode line at S. 1° 49' W.
11 ft. from the North end center monument.
- No. 2 The discovery cut, the face of which is on the lode line
at 6 ft. from the North end center, running thence south-
easterly 12 ft. to mouth. Face of cut 4 ft. wide, 8 ft. high.
Value \$50
- On Sulphuric No. 1 lode.
- No. 1 The Location Monument
At the point of discovery on the lode line at N. 3° 35' E.
15 ft. from the South end center monument.
- No. 2 The discovery cut, the face of which is on the lode line

at 6 ft.from the south end center,running thence East
12 ft.to mouth,Face of cut is 4 ft.wide,8 ft.high.

Value \$50

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. The distances
were measured with steel tapes.

Report.

The lines of this survey were run direct upon the ground.
The several connections to the corner of the Public Sur-
vey were calculated through my Sur.No.3645,said calcul-
ations being herewith enclosed.

The S. $\frac{1}{2}$ Cor. ~~unsur.~~ Sec.31 T.10 N.R.2 E.G.& S.R.B.& M. is
a 1 in.iron pipe with bronze cap properly lettered.

The several corners of Sur.No.3645 are properly set and
marked as herein described.

The end center monuments of this survey are substantial
monuments of stones,not less than 3 ft.high and 3 ft.base.
The discovery points of the several locations are on
surface outcroppings of the same ore bearing schist
formation that is further developed a few feet distant
by the respective discovery cuts.

Note

The discrepancies between these notes and the original
and amended location certificates are due to errors in
the latter.

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
Howard Copper Company
 known as the Sulphuric No. 1, Sulphuric No. 2, Midwest, Copper Schist No. 3
and Copper Schist No. 4 lodes.
 and showing the respective capacities in which they acted.

J. S. Osborn , *Chainman.*
 , *Chainman.*
 , *Arman.*
 , *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, I --- J. S. Osborn --
 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 Howard Copper Company
 known as the Sulphuric No. 1, Sulphuric No. 2, Midwest, Copper Schist No. 3
and Copper Schist No. 4 lodes.
 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

J. S. Osborn , *Chainman.*
 , *Chainman.*
 , *Arman.*
 , *Flagman.*

Subscribed and sworn to by the above-named persons before me this 11th
 day of April, 1921

Walter H. Davis
 Notary Public
 Yavapai Co
 Arizona

My commission expires
 11-14-23

4-686.

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
March 3-1921, 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 Howard Copper Company
....., known as the
Sulphuric No.1, Sulphuric No.2, Midwest, Copper Schist No.3 and
Copper Schist No.4 lodes.
situate in Black Canyon Mining District,
Yavapai County, Arizona, in Section ^S
30, 31 unsur, Township No. 10 N., Range No. 2 E.G. & S.R.B. & M.
and designated as Survey No. 3 7 5 0, 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.

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 in and for Yavapai
County, State of Arizona this 19 th.
day of April, 19 21

Bartha M. Parker
Notary Public

6-1044
My Commission expires
October 1, 1924



4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

August 22, 19 21

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 HOWARD COPPER COMPANY, known as the SULPHURIC NO. 1, SULPHURIC NO. 2, MIDWEST, COPPER SCHIST NO. 3, and COPPER SCHIST NO. 4 lodes,

situate in BLACK CANYON

Mining District, YAVAPAI County, ARIZONA,

in Sections 30 & 31 Unsur., Township No. 10 N., Range No. 2 E., G&SRB&M, and designated as Survey No. 3750,

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 less than 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 6 cuts, total value \$300.

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.

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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 22, 1921

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 HOWARD COPPER COMPANY, known as the SULPHURIC NO. 1, SULPHURIC NO. 2, MIDWEST, COPPER SCHIST NO. 3, and COPPER SCHIST NO. 4 Lodes,

situate in BLACK CANYON mining district, YAVAPAI County, ARIZONA,

in Sections 30 & 31, Unsur., Township No. 10 N., Range No. 2 E., G. & S. R. B. & M., designated as Survey No. 3750

executed by Alfred B. Colwell, U. S. Mineral Surveyor, March 5-20, 1921, under my instructions dated

March 3, 1921, 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.

[Handwritten signature]

U. S. Surveyor General for Arizona,

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (956)
BUREAU OF LAND MANAGEMENT M.S. 3750
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Sulphuric No 1, Sulphuric No 2, Midwest, Copper Schist No.3, and Copper Schist No.4 lodes, Mineral Survey No. 3750, located in sections 30 and 31, Township 10 North, Range 2 East, Gila and Salt River Meridian, Arizona, are hereby canceled.

These claims have not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Sulphuric No 1, Sulphuric No 2, Midwest, Copper Schist No.3, and Copper Schist No.4 lodes, M.S. 3750, were canceled March 3, 2011, by memo 9605 (956) M.S. 3750, which is now a part of the original field notes."

March 3, 2011
Date

Stephen H. Hansen
Chief Cadastral Surveyor of Arizona