

MINERAL SURVEY No. 3790

1

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Superior & Boston Copper Company

KNOWN AS THE

Dewey Fraction, Summit, Bill Taft, Marley, Amster and Cactus lodes

Globe Mining District,

Gila County, Arizona

Sections 11 and 14, Township 1 N., Range 15 1/2 E., G. & S.R. B. & M.

Surveyed under instructions dated July 20, 1921

by Edwin T. Stewart U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced July 25, 19 21.

Survey completed July 31, 19 21.

Address of claimant's Att'ys, Morris & Malott, Box 879, Globe, Arizona.

DATES OF AMENDED LOCATIONS.

See Notices.

1.

Feet.	
	<p>MINERAL SURVEY NO 3790.</p> <p>Dewey Fraction.lode</p>
	<p>Beginning at Cor. No. 1, identical with N.W. Cor. of the location.</p> <p>At the intersection of line V-VI, Telfair lode, Sur. 667 with line 2-3, Hobson lode, Sur. 2651, being N. 50°-42'E. 65.78 feet from Cor. VI of said Telfair lode and S.26°-39'E 163.09 feet from Cor. 2 of said Hobson lode.</p> <p>A standard 3 in. iron pipe, 4 ft. long with iron cap divided in quadrants and stamped 1-D F-3790 in the quadrant facing the claim, set 30 ins. in concrete base, whence</p> <p>The corner common to sections 10, 11, 14 and 15, T. 1 N., R. 15½ E., G. & S.R.B. & M. bears S.50°-05'W. 333.9 feet.</p> <p style="text-align: center;">No other bearings available.</p> <p style="text-align: center;">Thence N.50°-42'E.</p> <p>Along line VI-V of said Telfair lode.</p>
1131.00	<p>To Cor. No. 4, Summit lode, this survey, from which Cor. No. 3 of said Summit lode bears S.26°-37'E. 97.2 ft.</p> <p>Along line 4-5 of said Summit lode.</p>
1134.50	<p>To Cor. No. 2, identical with N.E. Cor. of the location, Cor. V, Telfair lode, Sur. 667, and Cor. No. 5 Summit lode, this survey.</p> <p>The post marking this corner of the Telfair lode being badly rotted, I removed it and set a standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants, stamped V-T-667 for said Telfair lode and 2-D F-3790 in the quadrant facing this claim, 38 ins. in concrete base.</p> <p style="text-align: center;">No bearings available.</p> <p style="text-align: center;">Thence S.24°-38'E.</p>
98.00	<p>To Cors. 3 and 4, respectively, of Summit and Cactus lodes, both of this survey.</p> <p>Along line 4-5 of said Cactus lode.</p>
298.70	<p>To N.E.E.C. monument of the location, from which the</p>

- Feet. discovery shaft bears S.59°-53'W. 1065.7 ft.
A monument of stone 4 ft. base, 3 ft. high.
- 598.70 To Cor. No. 3, identical with S.E. Cor. of the location,
Cor. No. 3, Cactus lode, this survey and Cor. No. 2,
Dewey lode, Sur. 2651.
A pine post, 4 ins. sq., showing 36 ins. above concrete
base, scribed 2-D-2651, to which I add 3-D F-3790 on the
side facing this claim, whence
A cross on limestone in place, about which is chiseled
B.R. 2651, to which I add 3790, for this survey, bears
S.71°-41'E. 21.2 ft.
No other bearings available.
Thence S.59°-53'W.
- Along line 2-1, of said Dewey lode,
- 761.15 Intersect the section line between sections 11 and 14,
T. 1 N., R. 15½ E., N.89°-28'E. 725.3 ft. from the
section corner and S.89°-28'W. 1906.3 ft. from the
quarter corner.
- 1088.00 Intersect line 2-3, Hobson lode, Sur. 2651 N.26°-39'W:
21.67 ft. from Cor. No. 3 and S.26°-39'E. 578.74 ft.
from Cor. No. 2:
- 1102.70 To Cor. No. 4, identical with S.W. Cor. of the location.
On line 1-2, Dewey lode, Sur. 2651.
A standard 3 in. iron pipe, 4 ft. long, with iron cap
divided in quadrants and stamped 4-D F 3790 in the
quadrant facing the claim, set 31 ins. in concrete base.
No bearings available.
Thence N.24°-38'W.
- 184.70 Intersect the section line between sections 11 and 14, T.
1 N., R. 15½ E., N.89°-28'E. 352.65 ft. from the section
corner and S.89°-28'W. 2278.75 ft. from the quarter
corner.
- 300.00 To S.W.E.C. monument of the location.
A monument of stone, 4 ft. base, 3 ft. high.
- 416.80 To Cor. No. 1, the place of beginning.

Feet.

Summit.lode.

Beginning at Cor. No. 1, identical with S.E. Cor. of the location.

At the intersection of line 1-2, Bill Taft lode with line 2-3, Marley lode, both of this survey.

A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 1-S-3790 in the quadrant facing the claim, set 30 ins. in concrete base, whence the quarter corner between sections 11 and 14, T. 1 N., R. 15 $\frac{1}{2}$ E., G. & S.R. B. & M., bears S. 01°-22'-10"W. 1122.80 ft.

No other bearings available.

Thence S.84°-17'W.

Along line 3-2 of said Marley lode.

935.70 To Cor. No. 2, identical with monument of the location and Cors. 2 and 5, respectively, of Marley and Cactus lodes, both of this survey.

A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 2-S-3790 in the quadrant facing this claim, set 34 ins. in concrete base.

No bearings available.

Thence S.69°-12'W.

Along line 5-4 of said Cactus lode.

295.40 To N.E.C. of said Cactus lode.

590.70 To Cor. No. 3, identical with S.W. Cor. of the location and Cor. No. 4, of said Cactus lode.

On line 2-3, Dewey Fraction lode, this survey, S.24°-38'E. 98.0 ft. from Cor. No. 2.

A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 3-S-3790 in the quadrant facing this claim, set 36 ins. in concrete base.

No bearings available.

Thence N.26°-57'W.

Feet.	
48.60	<p>To S.W.E.C. monument of the location, from which the discovery shaft bears N.68°-59'E. 53.0 ft.</p> <p>A monument of stone, 3 ft. base, 3 ft. high.</p>
97.20	<p>To Cor. No. 4, identical with N.W. Cor. of the location. On line 1-2, Dewey Fraction Lode, this survey and line V-VI, Telfair lode, Sur. 667.</p> <p>A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants, stamped 4-S-3790 in the quadrant facing the claim, set 34 ins. in concrete base.</p> <p style="text-align: center;">No bearings available.</p> <p style="text-align: center;">Thence N.50°-42'E.</p> <p>Along line 1-2 of said Dewey Fraction lode and line VI-V of said Telfair lode.</p>
3.50	<p>To Cor. No. 5, identical with monument of the location and Cors. V and 2, respectively, of said Telfair and Dewey Fraction lodes.</p> <p>An iron pipe, with cap, previously described, to which I add 5-S-3790 in the quadrant facing this claim.</p> <p style="text-align: center;">Thence N.61°-11'E.</p>
1459.50	<p>To Cor. No. 6, identical with N.E. Cor. of the location On line 1-2, Bill Taft lode, this survey, S.26°-37'E. 210.2 ft. from Cor. No. 2.</p> <p>A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 6-S-3790 in the quadrant facing the claim, set 34 ins. in concrete base, whence</p> <p>A cedar tree 6 ins. in diameter, blazed and scribed cross B.T. 3790, bears S.38°-15'W. 5.45 ft.</p> <p style="text-align: center;">No other bearings available.</p> <p style="text-align: center;">Thence S.26°-37'E.</p> <p>Along line 2-1 of said Bill Taft lode.</p>
248.60	<p>To N.E.E.C. monument of the location.</p> <p>A monument of stone, 4 ft. base, 3.5 ft. high.</p>
547.50	<p>To Cor. No. 1, the place of beginning.</p> <p style="text-align: center;">Bill Taft.lode.</p> <p>Beginning at Cor. No. 1, identical with S.W. Cor. of the</p>

Feet.	location.
	A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 1-B T-3790 in the quadrant facing the claim, set 38 ins. in concrete base, whence
	A cross on limestone in place, about which is chiseled B.R. 3790, bears N.26°-37'W. 5.75 ft.
	Cor. No. 3, Marley lode, this survey, bears N.39°-04'-30"E. 577.3 ft.
	The quarter corner between sections 11 and 14, T. 1 N., R. 15½ E., G. & S.R.B. & M., bears S.16°-59'-50"W. 763.75 ft.
	No other bearings available.
	Thence N.26°-37'W.
438.50	To Cor. No. 1, Summit lode, this survey and intersect line 2-3, Marley lode, this survey, S. 84°-17'W. 563.2 ft. from Cor. No. 3.
	Along line 1-6, of said Summit lode.
737.40	To N.E.E.C. of said Summit lode.
986.00	To Cor. No. 6 of said Summit lode.
1196.20	To Cor. No. 2, identical with N.W. Cor. of the location. A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 2-B T-3790 in the quadrant facing the claim, set 38 ins. in concrete base. No bearings available.
	Thence N.54°-26'E.
303.65	To N.W.E.C. monument of the location, from which the discovery cut bears S.26°-37'E. 1098.2 ft.
	A pine post, 4 ins. sq., showing 3.5 ft. out of the ground, with nail at the exact point, scribed N.W.E.C. B T-3790.
421.20	Intersect line 3-4 H.E.S. No. 117, N. 35°-16'W. 747.15 ft. from Cor. No. 3.
439.00	Bed of gulch, draining southerly.
607.30	To Cor. No. 3, identical with N.E. Cor. of the location. A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 3-B T-3790 in the

Feet. quadrant facing the claim, set 37 ins. in concrete base, whence
 Witness corner for Cor. No. 4, H.E.S., No. 117 (from which the point for corner bears N.48°-30'E.39.6 ft.) bears N.48°-10'W. 1009.7 ft.
 Cor. No. 3, H.E.S. No. 117, bears S.21°-17'-50"E. 770.95 ft.
 No other bearings available.
 Thence S.26°-37'E.
 759.34 Intersect line 2-3, H.E.S. No. 117, N.56°-47'E. 71.95 ft. from Cor. No. 3.
 1196.20 To Cor. No. 4, identical with S.E. Cor. of the location. A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants, stamped 4-B T-3790 in the quadrant facing the claim, set 33 ins. in concrete base, whence Cor. No. 3, Marley lode, this survey, bears N.53°-53'W. 161.1 ft.
 No other bearings available.
 Thence S.54°-26'W.
 116.75 Intersect line 3-4, Marley lode, this survey, S.12°-11'E. 166.60^{ft} from Cor. No. 3.
 165.00 Bed of gulch, draining southeasterly.
 303.65 To S.E.E.C. monument of the location. A pine post, 4 ins. sq., showing 3.5 ft. out of the ground, with nail at the exact point, scribed S.E.E.C. B T-3790.
 607.30 To Cor. No. 1, the place of beginning. Marley lode.
 Beginning at Cor. No. 1, identical with S.W. Cor. of the location and Cor. No. 3, Amster lode, this survey.
 On line 5-1, Cactus lode, this survey. A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 1-M-3790 in the quadrant facing this claim, set 30 ins. in concrete base, whence

Feet.	The quarter corner between sections 11 and 14, T. 1 N., R. 15 $\frac{1}{2}$ E., G. & S.R.B. & M., bears S.60°-31'-30"E. 892.3 ft. No other bearings available.
	Thence N.12°-11'W.
	Along line 1-5 of said Cactus lode.
501.90	To W.E.C. monument of the location, from which the discovery shaft bears N. 84°-17'E. 977.7 ft. A monument of stone, 4 ft. base, 4 ft. high.
603.80	To Cor. No. 2 identical with N.W. Cor. of the location and Cors. 5 and 2, respectively, of Cactus and Summit lodes, both of this survey. An iron pipe with cap, previously described, to which I add 2-M-3790 in the quadrant facing this claim.
	Thence N.84°-17'E.
	Along line 2-1 of said Summit lode.
935.70	To Cor. No. 1 of said Summit lode and intersect line 1-2 Bill Taft lode, this survey, N.26°-37'W. 438.5 ft. from Cor. No. 1.
1334.00	Bed of gulch, draining southeasterly.
1498.90	To Cor. No. 3, identical with N.E. Cor. of the location. A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 3-M-3790 in the quadrant facing the claim, set 31 ins. in concrete base. No bearings available.
	Thence S.12°-11'E.
166.60	Intersect line 4-1, Bill Taft lode, this survey, N.54°-26'E. 490.55 ft. from Cor. No. 1.
285.00	Bed of gulch, draining southeasterly.
301.90	To E.E.C. monument of the location. A monument of stone 3 ft. base, 3 ft. high.
603.80	To Cor. No. 4, identical with S.E. Cor. of the location and Cor. No. 4, Amster lode, this survey. A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 4-M-3790 in the quadrant facing this claim, set 36 ins. in concrete base.

Feet.	No bearings available.
	Thence S.84°-17'W.
	Along line 4-3 of said Amster lode.
1498.90	To Cor. No. 1, the place of beginning.
	Amster. lode
	Beginning at Cor. No. 1, identical with monument of the location and Cor. No. 1, Berkeley lode, Sur. 3619.
	A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 1-B-3619, to which I add, in the quadrant facing this claim, 1-A-3790, set 30 ins. in concrete base, whence
	The quarter corner between sections 11 and 14, T. 1 N. R., 15½ E., G. & S.R.B. & M., bears S. 36°-59'W. 184.05 ft.
	No other bearings available.
	Thence S.69°-12'W.
	Along line 1-4 of said Berkeley lode,
421.20	Intersect the section line between sections 11 and 14,
	T. 1 N., R. 15½ E., G. & S.R.B. & M., N.89°-28'E. 2348.55 ft. from the section corner and S. 89°-28'W. 283.05 ft. from the quarter corner.
815.10	To Cor. No. 2, identical with S.W. Cor. of the location
	and Cor. No. 1, Cactus lode, this survey.
	On line 4-1, Berkeley lode, Sur. 3619.
	A cross on quartzite in place, about which is chiseled 2-A-3790, for this claim, with mound of stone alongside.
	No bearings available.
	Thence N.12°-11'W.
	Along line 1-5 of said Cactus lode.
139.30	Intersect the section line between sections 11 and 14,
	T. 1 N., R. 15½ E., G. & S.R.B. & M., N.89°-28'E. 1950.85 ft. from the section corner and S.89°-28'W. 680.75 ft. from the quarter corner.
295.00	To W.E.C. monument of the location, from which the
	discovery shaft bears N.84°-17'E. 588.0 ft.
	A monument of stone, 4 ft. base, 4 ft. high.

- Feet.
594.90 To Cor. No. 3, identical with N.W. Cor. of the location and Cor. No. 1, Marley lode, this survey.
On line 5-1 of said Cactus lode.
An iron pipe with cap previously described, to which I add 3-A-3790 in the quadrant facing this claim.
Thence N.84°-17'E.
Along line 1-4 of said Marley lode.
- 1498.90 To Cor. No. 4, identical with N.E. Cor. of the location and Cor. No. 4 of said Marley lode.
An iron pipe with cap previously described, to which I add 4-A-3790 in the quadrant facing this claim.
Thence S.12°-11'E.
- 73.00 Bed of gulch, draining southerly,
274.00 Bed of gulch, draining southeasterly.
- 301.90 To E.E.C. monument of the location.
A monument of stone, 3 ft. base, 3 ft. high.
- 459.90 To Cor. No. 5, identical with S.E. Cor. of the location.
On line 1-2, Finis lode, Sur. 3619.
A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 5-A-3790 in the quadrant facing the claim, set 31 ins. in concrete base.
No bearings available.
Thence S.71°-58'W.
Along line 2-1 of said Finis lode.
- 456.10 Intersect the section line between sections 11 and 14, T. 1 N., R. 15 $\frac{1}{2}$ E., G. & S.R.B. & M., N.89°-37'W. 2258.4 ft. from the section corner and S.89°-37'E. 378.0 ft. from the quarter corner.
- 669.30 To Cor. No. 6, identical with monument of the location and Cor. No. 1 of said Finis lode.
On line 1-2, Berkeley lode, Sur. 3619.
A standard 3 in. iron pipe, 4 ft. long, with iron cap divided in quadrants and stamped 1-F-3619, to which I add 6-A-3790, in the quadrant facing this claim, set 33 ins. in concrete base.

Feet.	No bearings available.
	Thence N.16°-40'W.
	Along line 2-1 of said Berkeley lode.
70.45	Intersect the section line between sections 11 and 14, T.
	1 N., R. 15 $\frac{1}{2}$ E., G. & S.R.B. & M., N.89°-37'W. 2481.35 ft.
	from the section corner and S.89°-37'E. 155.05 ft. from the
	quarter corner.
225.00	To Cor. No. 1, the place of beginning.
	Cactus lode.
	Beginning at Cor. No. 1, identical with S.E. Cor. of the
	location and Cor. No. 2, Amster lode, this survey.
	On line 4-1, Berkeley lode, Sur. 3619.
	A cross on quartzite in place about which is chiseled
	1-C-3790 for this claim, with mound of stone alongside,
	whence
	The quarter corner between sections 11 and 14, T. 1 N., R.
	15 $\frac{1}{2}$ E., G. & S.R.B. & M., bears N.77°-39'-50"E. 666.65 ft.
	Thence S.69°-12'W.
	Along line 1-4 of said Berkeley lode.
32.85	To Cor. No. 1, Mescal lode, Sur. 3619, from which Cor.
	No. 4 of said Mescal lode bears N.20°-48'W. 88.9 ft.
	Along line 1-2 of said Mescal lode.
232.00	To S.E.E.C. monument of the location, from which the
	discovery shaft bears N.15°-12'W. 341.4 ft.
	A monument of stone, 3 ft. base, 3 ft. high.
316.70	To Cor. No. 2, identical with S.W. Cor. of the location.
	On lines 4-1 and 1-2, respectively, of said Berkeley and
	Mescal lodes.
	A standard 3 in. iron pipe, 4 ft. long, with iron cap
	divided in quadrants and stamped 2-C-3790 in the quadrant
	facing the claim, set 30 ins. in concrete base.
	No bearings available.
	Thence N.25°-53'W.

Feet.	
89.25	To Cor. No. 3, Dewey lode, Sur. 2651 and intersect line 3-4. Mescal lode, Sur. 3619, S.69°-12'W. 291.75 ft. from Cor. No. 4.
	Along line 3-2 of said Dewey lode.
272.40	Intersect the section line between sections 11 and 14, T. 1 N., R. 15 $\frac{1}{2}$ E., G. & S.R.B. & M., N.89°-28'E. 1565.3 ft. from the section corner and S.89°-28'W. 1066.3 ft. from the quarter corner.
387.40	To N.E.E.C. of said Dewey lode.
688.20	To Cor. No. 3, identical with monument of the location, Cor. No. 2 of said Dewey lode and Cor. No.3, Dewey Fraction lode, this survey.
	A 4 x 4 pine post, previously described, to which I add 5-C for this claim.
	Thence N.24°-38'W.
	Along line 3-2 of said Dewey Fraction lode.
300.00	To N.E.E.C. of said Dewey Fraction lode.
500.70	To Cor. No. 4, identical with N.W. Cor. of the location and Cor. No. 3, Summit lode, this survey.
	On line 2-3, Dewey Fraction lode, this survey.
	An iron pipe, with cap, previously described, to which I add 4-C-3790 in the quadrant facing this claim.
	Thence N.69°-12'E.
	Along line 3-2 of said Summit lode.
295.50	To N.W.E.C. monument of the location.
	A monument of stone, 3 ft. base, 3 ft. high.
590.70	To Cor. No. 5, identical with N.E. Cor. of the location and Cors. 2 of the Summit and Marley lodes, this survey.
	An iron pipe, with cap, previously described, to which I add 5-C-3790 in the quadrant facing this claim.
	Thence S.12°-11'E.
	Along line 2-1 of said Marley lode.
301.90	To W.E.C. of said Marley lode.
603.80	To Cors. 1 and 3, respectively, of Marley and Amster lodes, both of this survey.

Feet.
 Along line 3-2 of said Amster lode.
 905.70 To W.L.C. of said Amster lode.
 1059.40 Intersect the section line between sections 11 and 14, T. 1 N., R. 15 $\frac{1}{2}$ E., G. & S.R.B. & M., N.89°-28'E. 1950.85 ft. from the section corner and S.89°-28'W. 680.75 ft. from the quarter corner.
 1198.70 To Cor. No. 1, the place of beginning.

Mean magnetic variations at all corners, 14°-15'E.

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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:

Dewey Fraction lode, N.59°-53'E. 1065.7 ft. and S.59°-53'W. 37.0 ft. ✓

Summit lode, N.68°-59'E. 1415.8 ft. and S.68°-59'W. 53 ft. ✓

Bill Taft lode, N.26°-37'W. 1098.2 ft. and S. 26°-37'E. 98.0 ft. ✓

Marley lode, N.84°-17'E. 521.2 ft. and S.84°-17'W. 977.7 ft. ✓

Amster lode, N.84°-17'E. 910.9 ft. and S.84°-17'W. 588.0 ft. ✓

Cactus lode, N.15°-12'W. 849.4 ft. and S.15°-12'E. 341.4 ft. ✓

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Areas.

	Acres.	Acres.
Total area Dewey Fraction lode,		12,794 ✓
Area in conflict with Hobson lode, Sur. 2651.	0.070 ✓	
Total area Summit lode,		9.178 ✓
Area in conflict with Dewey Fraction lode, this survey,	0.004 ✓	
Total area Bill Taft lode,		16.474 ✓
Area in conflict with H.E.S. No. 117	2.219 ✓	
Total area Marley lode,		20.645 ✓
Area in conflict with Bill Taft lode this survey,	3.509 ✓	

Total area Amster lode,	17.358 ✓
Total area Cactus lode,	12.430 ✓
Area in conflict with Mescal lode, Sur. 3619.	0.587 ✓

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Location.

This survey is located in sections 11 and 14, T. 1 N., R. 15 $\frac{1}{2}$ E., G. & S.R.B. & M., Globe Mining District, Gila County, Arizona.

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Adjoining and Conflicting Claims.

The Telfair lode, Sur. 667, owned by the Superior & Boston Copper Company; and the Gilt edge lode, unsurveyed, owned by J.F. Lockway, on the north. H.E.S. No. 117, owned by Henry Mounce and unknown claims, unsurveyed, owner unknown, on the east, The Finis, Berkeley, and Mescal lodes, Sur. 3619 owned by the Superior & Boston Copper Company, on the south. The Dewey, Copper Money and Hobson lodes, Sur. 2651, owned by the Superior & Boston Copper Company, on the west.

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Expenditure of Five Hundred Dollars.

These claims are being developed and mined from levels run from a shaft, improvement No. 2 on the Copper Money lode, Sur. 2651, now owned by the claimant of the claims in this survey, this being the same improvement described in detail in my return of Mineral Survey No. 3619 and distributed to 35 claims patented and unpatented.

Since the execution of Mineral Survey No. 3619, work has continued on some of the levels from this shaft and the extent and value thereof is now as follows:

The shaft has been sunk to no greater depth; value \$105,000.00.

The 425 foot level has not been extended; value \$6360.00.

Feet.

The 811 foot level has not been extended; value, \$42,000.00.

The 971 foot level has been extended by driving two crosscuts from near the northeast end of the level as reported in Sur. 3619, one to the northwest and one to the southeast, aggregating 695 feet of work, 6 x 8 feet, and increasing the value of the level from \$46,700.00 to \$56,700.00.

At a depth of 550 feet below the collar of the shaft there is now a level, consisting of 1911 feet of drifting and crosscutting, 6 x 8 feet, partially timbered, which extends from the northwest side of shaft in the general direction of N.14°W., passing out of the Copper Money lode, through the Hobson and Total Eclipse lodes and into the Lucky Day No. 1 lode, Value, \$25,000.00.

This improvement was distributed to 35 claims in my returns of Mineral Survey No. 3619, but this was in error as the claimant company owned other claims at this time to which the improvement should have been distributed, and have since located two and acquired by purchase one, bringing the total of their group up to 65, all of which are shown on the one thousand foot to the inch plat submitted herewith, The present value of the improvement, \$235,060.00 is, therefore, distributed to each of the claims, $1/6^{\text{th}}$ or $\frac{3561.52}{6}$ being credited to the M.C., Total Eclipse, Hobson, Copper Money, Dewey and Dewey No. 1 lodes, Survey 2651; ^{the Ida lode, Survey 2516;} the New-Port, Great Eastern, Wedge, Cave, Vulcan, Limestone, Quo Vadis, Iron King, Low Land, Denver, Boston, Black Oxide, Japan, Oregon, Highland, Copper Era, Mountain Key, Valley View and Annie Laurie lodes, Survey 2297; the Red Oxide lode, Survey 2296; the Globite lode, Survey 2384; the Berkeley, Duluth, Finis, Concordia, Lime Bluff, Houghton and Mesal lodes, Survey 3619; the Telfair lode, Survey 667; the Lucky Day No. 1, Lucky Day No. 2, Oneida No. 1, Oneida No. 2 and Nickel lodes, Survey 3791, unapproved; the M.C. Fraction

and Oversight lodes, Survey 3792, unapproved; the Alameda and Avalon lodes, Survey 3793, unapproved; the Solomonville, Maine, Michigan, Venus, Flacer, Mars, Yuma, Tucson, Phoenix, Tombstone, Globe, Washington, Diorite, Calumet and Superior lodes, all unsurveyed, and the six claims in this survey.

In my returns of Mineral Survey No. 3619, the ^{Sliver}~~Sliver~~ and Defender lodes, unsurveyed, are mentioned as adjoining claims owned by the claimant and the improvements distributed to them. These claims should have been named, respectively, the Cactus and Amster, as designated herein, these being the locations this ground was then held under, the ^{Sliver}~~Sliver~~ and Defender locations having lapsed.

I certify that the value of the labor and improvements made upon or for the benefit of, the claims in this survey, by the claimant or its grantors, is not less than five hundred dollars, and that said improvements consist of:

Dewey Fraction lode.

No. 1, the discovery, shaft, 9 x 11 x 4 ft. (caved) the center of which is on the lode line 37.0 ft. from the S.W.E.C. Value \$35.00

No. 2, shaft, 4.5 x 9 x 26 ft., partially timbered, the N.W. Corner of which bears S.64°-40'E. 286.1 ft. from Cor. No. 1, Value, \$400.00.

$\frac{1}{6}$ th of the common improvement, ~~\$3616.31~~ 3561.52

Summit.

No. 1, the discovery, shaft, 4 x 6 x 8 ft., the center of which is on the lode line 53.0 ft. from the S.W.E.C. Value \$30.00.

$\frac{1}{6}$ th of the common improvement, ~~\$3616.31~~ 3561.52

Bill Taft.

No. 1, the discovery, cut, 4 x 6 x 30 ft., the center of the toe of which is on the lode line 98.0 ft. from the S.E.E.C., and which extends thence S.70°W. to face.

Value \$75.00

1/⁶/~~8~~th of the Common Improvement, ~~\$5616.51~~ 3561.52

Marley.

No. 1, the discovery, shaft, 6 x 8 x 4.5 ft. (caved) the center of the north side of which is on the lode line 521.2 ft., from the E.E.C. Value, \$40.00.

1/⁶/~~8~~th of the Common Improvement, ~~\$5616.51~~ 3561.52

Amster.

No. 1, the discovery, shaft, 4 x 6 x 8 ft., the center of which is on the lode line 588.0 ft. from the W.E.C. Value \$30.00.

No. 2, a shaft, 6 x 8 x 5 ft. (caved) the S.W. corner of which bears N.80°-30'E. 327.0 ft. from a point on the lode line 247.5 ft. from the W.E.C. Value \$30.00.

1/⁶/~~8~~th of the common improvement, ~~\$5616.51~~ 3561.52

Cactus.

No. 1, the discovery, shaft, 5 x 8 x 5 ft. (caved) the center of which is on the lode line 341.4 ft. from the S.E.E.C. Value \$30.00.

1/⁶/~~8~~th of the common improvement, ~~\$5616.51~~ 3561.52

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Other Improvements.

A shaft, 4 x 6 x 10 ft., the center of which bears S.61°-08'W. 100.7 ft. from the N.E.E.C. of the Summit lode.

A shaft, of unknown size and depth (being caved about the collar and not possible to measure) the S.W. corner of which bears N.27°-24'W. 304.0 ft. from the S.E.E.C. of the Bill Taft lode.

A shaft, 4 x 7 x 8 ft., the N.E. corner of which bears S.75°-20'W. 75.0 ft. from a point on the lode line of the Marley lode, 482.7 ft. from the E.E.C.

A shaft, 4.5 x 7 x 7.5 feet, partially timbered, the N.W. corner of which bears S.25°-32'E. 163.8 ft. from

the last above described point.

A cut, 5 x 5 x 28 ft., the center of the face of which bears S.54°-45'E. 49.6 ft. from a point on the lode line of the Amster lode, 247.5 ft. from the W.E.C. and which extends thence S.84°E to toe.

None of the improvements above described have been credited to the claims of the survey on account of not having been made by the claimant or its grantors.

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Report.

The tie to the corner common to sections 10, 11, 14 and 15 was made direct from Cor. No. 1 of the Dewey Fraction lode and the tie to the quarter corner between sections 11 and 14 was made direct from Cor. No. 1 of the Amster lode. The tie to S.E. and N.E. corners respectively, of said sections 11 and 14 was made through a traverse running from Cor. No. 5 of the Amster lode N.71°-58'E. 450.4 ft.; thence S.16°-40'E. 600.0 ft.; thence N.77°-09'E. 1255.8 ft. to said section corner.

The S.E. and N.E. corner of said sections 11 and 14, respectively, is a quartzite stone, showing 7 x 8 x 12 ins. out of the ground, chiseled one groove and 15½ E on the E. face and four grooves on the S. face, with mound of stone alongside. The quarter corner between said sections 11 and 14 is a quartzite stone showing 8 x 10 x 12 ins. out of the ground, chiseled ½ on the north face, with mound of stone alongside. The corner common to sections 10, 11, 14 and 15 is a diabase stone, showing 7 x 8 x 12 ins. out of the ground, chiseled two grooves and 15½ E on the E. face, four grooves on the S. face and 1 N. on the N. face. There is a nominal disagreement in length of the west half of the section line between said sections 11 and 14 as reported herein and this line as reported in Sur. 3619.

Sur. 667. Telfair lode.

Cor. VI is a 3 in. iron pipe set in concrete, properly marked, Cor. V was a 4 x 4 post, properly marked, but being no longer a good permanent monument, it was removed and an iron pipe set as reported herein.

The disagreement between these notes and line V-VI as approved is due to error in Sur. 667.

H.E.S. No. 117.

Corners 2 and 3 of this homestead are stones properly set and marked. Corner 4 was established N.48°-30'E. 39.6 ft. from the stone witness corner set for it. The disagreement between these notes and lines 2-3 and 3-4 is due to error in said homestead survey.

Survey 3619, Finis, Berkeley and Mescal lodes.

All the corners of these claims are iron pipes set in concrete, properly marked. I find line 1-2 of said Finis lode, lines 1-2 and 4-1 of said Berkeley lode, lines 1-2, 3-4 and 4-1 of said Mescal lode and the tie lines from Cor. No. 1 of each of said claims to the quarter corner between sections 11 and 14 correct as approved.

Sur. 2651, Dewey and Hobson lodes;

Cor. No. 1 of said Dewey lode is an iron pipe set in concrete and properly marked. Cors. 2 and 3 are 4 x 4 posts set in concrete and properly marked. Cors 2 and 3 are 4 x 4 posts set in concrete bases and properly marked. The disagreement between these notes and the length of line 2-3 of said Dewey lode as approved is due to error in Sur. 2651. I find the bearing of line 1-2 of said Dewey lode correct as approved but that there is a nominal disagreement between the distance from the intersection of said line with line 2-3 of the Hobson lode to Cor. No. 2, of said Dewey lode, as approved, and as reported herein. Cors 2 and 3 of said Hobson lode are iron pipes set in concrete bases, properly marked. I find the bearing of line 2-3 of said Hobson lode correct

but disagree nominally with the length of this line as approved.

The Dewey Fraction lode of this survey was reported as conflicting extensively with the Hobson lode of Sur. 2651 in my returns of said survey, but owing to amending said Dewey Fraction lode since the execution of Sur. 2651, the conflict is now as reported herein.

The disagreement between these notes and the location notices is due to errors in the latter.

Insert * below.

Edwin J. Stewart

United States Mineral Surveyor.

Globe, Arizona, September 9th, 1921.

*Instrument.

This survey was made with a $6\frac{1}{4}$ inch Berger transit. The courses were deflected from the true meridian as determined by direct Solar observations. The distances were measured with a 660 foot steel tape.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Edwin T. Stewart

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

Superior & Boston Copper Company

known as the Dewey Fraction, Summit, Bill Taft, Marley, Amster and Cactus lodes and showing the respective capacities in which they acted.

Rudolph Wolf, Chainman.
_____, Chainman.
_____, Axman.
_____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, _____

and I, Rudolph Wolf, do solemnly swear that ^I we assisted _____

Edwin T. Stewart, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Superior & Boston Copper Company

known as the Dewey Fraction, Summit, Bill Taft, Marley, Amster and Cactus 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 instructions furnished by the United States Surveyor-General for Arizona

Rudolph Wolf, Chainman.
_____, Chainman.
_____, Axman.
_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 31st

day of August, 19 21.

My Com. Ex. Nov. 12, 1924. M. L. Harrison

Notary Public, Gila
County, Arizona



4-686.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Edwin T. Stewart, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 20, 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 Superior & Boston Copper Company, known as the Dewey Fraction, Summit, Bill Taft, Marley, Amster and Cactus lodes situate in Globe Mining District, Gila County, Arizona, in Section 11 and 14, Township No. 1 N., Range No. 15 1/2 E., G. & S. R. B. & M., and designated as Survey No. 3790, 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.

Edwin T. Stewart
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart
U. S. Mineral Surveyor, before me M. L. Harrison, a Notary Public,
this 31st
day of August, 19 21.
My Com. Ex. November 12, 1924.

M. L. Harrison
Notary Public, Gila
County, Arizona.

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

35

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

October 29, 1921.

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

Superior & Boston Copper Company

, known as the DEWEY FRACTION, SUMMIT, BILL TAFT, MARLEY, AMSTER, and CACTUS Lodes, situate in Globe

Mining District, Gila County,

Arizona, in Sections 11 and 14, Township No. 1 N.,

Range No. 15 $\frac{1}{2}$ E., and designated as Survey

No. 3790, 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 claims by claimant or its grantors, and that said improvements consist of 7 shafts and 1 cut, value \$670, with 6/66 of the value of improvement No. 2 of the Copper Money lode, Sur. No. 2651, total value \$22,039.12.

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,

October 29, 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

Superior & Boston Copper Company

, known as the

DEWEY FRACTION, SUMMIT, BILL TAFT, MARLEY, AMSTER, and CACTUS Lodes

situate in Globe mining district,

Gila County, Arizona

in Section s 11 and 14, Township No. 1 N., Range No. 15 E.

, designated as Survey No. 3790

executed by Edwin T. Stewart, U. S. Mineral

Surveyor, July 25 - 31, 1921, under my instructions dated

July 20, 1921, 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. 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