

Copied August 31, 1915,
A L H.

1
JUL 12 1915

4-683.

Mineral Survey No. 3205

Lot No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

WARRIOR COPPER COMPANY

KNOWN AS THE

~~June, May, Red Raven, Shorty, and Tie Up Lodes~~

Globe Mining District,

Gila County County, Arizona, approximately in

Section 24, Township 1 N., Range 14 E., unsurveyed.

Section 19, Township 1 N., Range 15 E.

Surveyed under instructions dated June 21, 1915.

by Edwin T. Stewart,
U. S. Deputy-Mineral Surveyor

Claim located See location notices, 1

Survey commenced June 25, 1915.

Survey completed June 30, 1915.

o 6-160

Address:

Alderman & Elliott, Globe, Arizona, Attorneys for Claimant.

Feet.

Mineral Survey No.3205.

June.

Beginning at Cor. No.1, identical with S.E.Cor. of the location, Cors. 3 and 4, respectively, of Nellie and Lion lodes, of Sur. 2497, and Cor. 2, May lode, this survey.

A redwood post, 4.5 ft. long, 4 ins. sq., with nail at the exact corner, set on bed rock, with mound of stone, scribed 4-2497 L.L. and 3-N.L., to which I add 1-J-3205, for this claim, whence

The west quarter corner of Section 19, on the west boundary of T.1 N., R.15 E., G.& S.R.B.& M., bears S. 81° 13' 20" E. 3257.1 ft.

A cross on schist in place about which is chiseled B.R. 3205, bears N.47° 01' W. 14.25 ft.

No other bearings available.

Thence S. 78° 47' W.

Along line 4-3, of said Lion lode, Sur. 2497.

1496.7 To Cor. No.2, identical with S.W.Cor. of the location and Cor. No.3, of said Lion lode, Sur. 2497.

A redwood post, 4 ins. sq., showing 4 ft. out of the ground, in mound of stone, scribed 3-2497 L.L., to which I add 2-J-3205, for this claim, whence

A dacite boulder, 2 x 3.5 ft., flush with the ground, chiseled cross B.R. 3-2497 L.L., to which I add 3205, bears N.75° 44' W. 10.6 ft.

A dacite boulder, 2 x 3 ft., flush with the ground, chiseled cross B.R. 3-2497 L.L., to which I add 3205, bears S. 48° 26' W. 14.1 ft.

No other bearings available.

Thence N.10° 45' W.

231.9 To West end center monument of the location, from which discovery cut bears N.78° 05' E. 1393.3 ft.

A mound of stone 3 ft. base, 2.5 ft. high.

463.8 To Cor. No.3, identical with N.W.Corner of the location.

A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 3-J-3205.

No bearings available.

Thence N.76° 23' E.

1498.7 To Cor. No.4, identical with N.E. Corner of the location, and Cor. 3, May lode, this survey.

A redwood post, 4.5 ft. long, 4 ins. sq., with nail at the exact corner, set 22 ins. in the ground, with mound of stone, scribed 4-J-3205, for this claim, whence

A diorite boulder, 2.5 x 2.5 x 1.3 ft. out of the ground, chiseled cross B.R. 3205, bears S. 75° 06' E. 58.8ft.

No other bearings available.

Thence S. 10° 45' E.

Along line 3-2 of said May lode, this survey.

276.7 To East end center monument of the location, identical with West end center monument of said May lode, this survey.

A mound of stone, 2.5 ft. base, 2.5 ft. high.

324.9 Center of Shaft.

526.7 To Cor. No.1, the place of beginning.

May.

Beginning at Cor. No.1, identical with S.E. Corner of the location, and Cor. ^{No}4, Nellie lode, Sur. 2497.

On line 2-3, January lode, Sur. 2497.

A redwood post, 4 ins. sq., showing 2.5 ft. out of the ground, in mound of stone, scribed 4-2497-N.L., to which I add 1-M-3205, for this claim, whence

The west quarter corner of Section 19, on the west boundary of T.1 N., R.15 E., G.& S.R.B.& M., bears S. 65° 42' 50" E. 1919.1 ft.

No other bearings available.

Thence S. 78° 45' W.

Along line 4-3, of said Nellie lode, Sur. 2497.

1498.4 To Cor. No.2, identical with S.W. Corner of the location, Cors. 3 and 4, respectively, of Nellie and Lion lodes,

Sur. 2497, and Cor. 1, June lode, this survey.

A redwood post, previously described, to which I add 2-M, for this claim.

Thence N.10° 45' W.

Along line 1-4 of said June lode, this survey.

201.8 Center of Shaft.

250.0 To West end center monument of the location, identical with East end center of said June lode, this survey, from which discovery cut bears N.76° 50' E. 58.0 ft.

A mound of stone previously described.

526.7 To Cor. No.3, identical with N.W.Corner of the location, and Cor. 4, of said June lode, this survey.

A redwood post, previously described, to which I add 3-M for this claim.

Thence N.75° 57' E.

1501.0 To Cor. No.4, identical with N.E.Corner of the location. On line 2-3, Red Raven lode this survey.

A redwood post, 4.5 ft. long, 4 ins. sq., with nail at the exact corner, set 22 ins. in the ground, with mound of stone, scribed 4-M-3205.

No bearings available.

Thence S. 10° 45' E.

Along line 3-2 of said Red Raven lode, this survey.

277.9 To West end center monument of said Red Raven lode, this survey.

300.0 To East end center monument of the location.

A mound of stone, 3.0 ft. base, 2.5 ft. high.

577.9 To Cor. 2, of said Red Raven lode, this survey.

600.0 To Cor. No.1, the place of beginning.

Red Raven.

Beginning at Cor. No.1, identical with S.E.Corner of the location, and Cor. 4, January lode, Sur. 2497.

On line 1-2, Tie Up lode, this survey.

A redwood post, 4 ins. sq., with nail at the exact corner, showing 3.0 ft. out of the ground, in mound of

stone, scribed 4-2497 J.L., to which I add 1- R.R.-3205, for this claim, whence

The west quarter corner of Section 19, on the west boundary of T.1 N., R.15 E., G.& S.R.B.& M., bears S. 14° 22' 10" E. 1260.4 ft.

No other bearings available.

Thence S. 74° 07' W.

Along line 4-3 of said January lode, Sur. 2497.

1121.3 Tram track, course northerly and southerly.

1224.0 Bed of Gulch, draining northerly.

1283.5 Wagon road, course northerly and southerly.

1497.8 To Cor. No.2, identical with S.W.Corner of the location, and Cor. 3, of said January lode, Sur. 2497.

On line 4-1, May lode, this survey.

A redwood post, 4 ins. sq., with nail at the exact corner, showing 2.5 ft. out of the ground, in mound of stone, scribed 3-2497- J.L., to which I add 2-R.R.-3205, for this claim, whence

A schist boulder, 2.5 x 2.5 x 1.3 ft., out of the ground, chiseled cross B.R. 3205, bears N.76° 54' W. 13.9 ft.

No other bearings available.

Thence N.10° 45' W.

Along line 1-4 of said May lode, this survey.

277.9 To East end center monument of said May lode, this survey.

300.0 To West end center monument of the location, ^{a mound of stone 3ft. base, 3ft. high,} from which the discovery cut bears N.74° 09' E. 342.9 ft.

577.9 To Cor. ^{No.} 4, of said May lode, this survey.

600.0 To Cor. No.3, identical with N.W.Corner of the location, and Cor. 2, Shorty lode, this survey.

A redwood post, 4.5 ft. long, 4 ins. sq., with nail at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 3-R.R.-3205, for this claim.

No bearings available.

Thence N.74° 15'E.

- Along line 2-1 of said Shorty lode, this survey.
- 595.2 Wagon road, course northeast and southwest.
- 711.2 Bed of Gulch, draining northeast.
- 1063.2 Tram track, course northeast and southwest.
- 1104.3 Intersect line 1-2, Copperopolis lode, Sur. 3015, S. 65° 38' E. 27.9 ft. from Cor. 2.
- 1150.2 To Cor. No.1, of said Shorty lode, this survey.
- 1497.5 To Cor. No.4, identical with N.E.Cor. of the location.
A redwood post, 4.5 ft. long, 4 ins. sq., with nail at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 4-R.R.-3205, whence
A dacite boulder, 2.5 x 2 x 1 ft. out of the ground, chiseled cross B.R. 3205, bears N. 28° 22' E. 68.6 ft.
No other bearings available.
Thence S. 10° 45' E.
- 297.7 To East end center monument of the location.
A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact point, set 12 ins. in the ground, with mound of stone, scribed 3205.
- 309.7 To Cor. 2, Tie Up lode, this survey, and intersect line 1-2, Copperopolis lode, Sur. 3015, S. 65° 38' E. 506.8 ft. from Cor.2.
Along line 2-1 of said Tie Up lode, this survey.
- 596.7 To Cor. No.1, the place of beginning.
Shorty.
Beginning at Cor. No.1, identical with S.E. Corner of the location.
On line 3-4, Red Raven lode, this survey.
A redwood post, 3.5 ft. long, 4 ins. sq., with nail at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 1-S-3205, whence
The west quarter corner of Section 19, on the west boundary of T.1 N., R.15 E., G. & S.R.B. & M., bears S. 23° 52' 30" E. 1873.1 ft.
Cor. No.2, Copperopolis lode, Sur. 3015, bears S. 89° 13' W. 69.6 ft.

No other bearings available.

Thence S.74° 15' W.

Along line 4-3, of said Red Raven lode, this survey.

45.9 Intersect line 1-2, Copperopolis lode, Sur. 3015, S.65°
38' E. 27.9 ft. from Cor.2.

87.0 Tram track, course northeast and southwest.

439.0 Bed of gulch, draining northeast.

555.0 Wagon road, course northeast and southwest.

1150.2 To Cor. No.2, identical with S.W.Cor. of the location, and
Cor. 3, of said Red Raven lode, this survey.

A redwood post previously described to which I add 2-S
for this claim.

Thence N.10° 45' W.

300.0 To west end center monument of the location, from which
discovery shaft bears N.74° 15' E. 219.5 ft.

A redwood post, 4.5 ft. long, 4 ins. sq., with nail at
the exact point, set 12 ins. in the ground, on bed rock,
with mound of stone, scribed 3205.

598.5 To Cor. No.3, identical with N.W.Cor. of the location.

A redwood post, 4 ft. long, 4 ins. sq., with nail at the
exact corner, set 18 ins. in the ground, with mound of
stone, scribed 3-S-3205.

No bearings available.

Thence N.74° 10' E.

530.5 Intersect line 2-3, Prospect lode, Sur. 2906, N.18° 07' W.
493.3 ft. from Cor. 2 and S. 18° 07' E. 106.8 ft. from
Cor. 3.

1150.3 To Cor. No.4, identical with N.E.Cor. of the location.

A redwood post, 4 ft. long, 4 ins. sq., with nail at the
exact corner, set 18 ins. in the ground, with mound of
stone, scribed 4-S-3205.

No bearings available.

Thence S. 10° 45' E.

228.0 Wagon road, course northeast and southwest.

300.0 To East end center monument of the location.

A mound of stone, 2.5 ft. base, 2.5 ft. high.

329.0 Bed of Gulch, draining northeast.

491.43 Intersect line 1-2, Prospect lode, Sur. 2906, N.73° 50' E.
556.7 ft. from Cor. 2 and intersect line 2-3, Copperopolis lode, Sur. 3015, N.24° 36' E. 118.37 ft. from Cor.2.

524.4 Tram track, course northeast and southwest.

600.0 To Cor. No.1, the place of beginning.

Tie Up.

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

On line 2-3, Moonshine lode, Sur. 3008.

A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 1-TU-3205, whence

The west quarter corner of Section 19, on west boundary of T.1 N., R. 15 E., G. & S.R.B. & M., bears S, 14° 50' 50" E. 1113.7 ft.

No other bearings available.

Thence N.10° 45' W.

121.4 To West end center monument, of the location, from which the discovery shaft bears S. 74° 40' E. 10.0 ft.

A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact point, set 18 ins. in the ground, scribed 3205.

147.1 To Cor. 4, January lode, Sur. 2497 and Cor. 1, Red Raven lode, this survey.

Along line 1-4 of said Red Raven lode, this survey.

434.1 To Cor. No.2, identical with N.W. Cor. of the location.

At the intersection of line 1-4 of said Red Raven lode, this survey, with line 1-2, Copperopolis lode, Sur. 3015.

A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 2-TU-3205.

No bearings available.

Thence S.65° 38' E.

Along line 2-1 of said Copperopolis lode, Sur. 3015.

402.2 Intersect the west boundary of T.1 N., R.15 E., G. & S.R.B.

& M., North 1336.9 ft. from the west quarter corner of Section 19, and South 1303.1 ft. from point for the N.W. Corner of said Section 19.

989.7 To Cor. No.3, identical with monument of the location, and Cors. 1 of each of the Copperopolis and Copperopolis No. 2 lodes, of Sur. 3015.

An iron pipe, 4 ft. long, 3 ins. in diameter, with iron cap divided into quadrants, set 30 ins. in the ground, in concrete base, stamped 1-C-3015 and 1-C2-3015, to which I add 3-TU-3205 in the quadrant facing this claim, whence

A diorite stone, 12 x 12 ins. flush with the ground, chiseled cross B.R. 3015, to which I add 3205, bears N. 24° 36' E. 13.13 ft.

No other bearings available.

Thence S. 65° 29' E.

Along line 1-4 of said Copperopolis No.2 lode, Sur.3015.

603.9 To Cor. No.4, identical with N.E. Cor. of the location. At the intersection of line 1-4 of said Copperopolis No. 2 lode with line 2-3, Legal Tender lode, both of Sur. 3015, being N.75° 03' E. 130.5 ft. from Cor. 2 of said Legal Tender lode.

A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 4-TU-3205.

No bearings available.

Thence S. 10° 45' E.

32.2 To East end center monument of the location.

A mound of stone, 3 ft. base, 2.5 ft. high.

64.4 To Cor. No.5, identical with S.E. Cor. of the location.

A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 5-TU-3205.

No bearings available.

Thence N.77° 55' W.

141.2 To Cor. 2, Legal Tender lode, Sur. 3015, and Cor. 3,

Moonshine lode, Sur. 3008.

Along line 3-2 of said Moonshine lode, Sur. 3008.

1121.5 Intersect the west boundary of T.1 N., R. 15 E., G.& S.R.B. & M., North 1015.4 ft. from the west quarter corner of section 19, and South 1624.6 ft. from the point for the N.W. corner of said Section 19.

1413.2 Intersect line 4-1, January lode, Sur. 2497, S.10° 47' E. 147.15 ft. from Cor. 4.

1413.3 To Cor. No.1, the place of beginning.

Variation at all corners 13° 40' East.

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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:

June lode, N.78° 05' E. 103.7 ft. and S. 78° 05' W. 1393.3 ft.

May lode, N.76° 50' E. 1441.7 ft. and S. 76° 50' W. 58.0 ft.

Red Raven lode, N.74° 09' E. 1154.8 ft. and S. 74° 09' W. 342.9 ft.

Shorty lode N. 74° 15' E. 930.7 ft. and S. 74° 15' W. 219.5 ft.

Tie Up lode, S. 74° 40' E. 1440.2 ft. and N.74° 40' W. 10.0 ft.

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Areas.

	Acres	Acres.
Total Area June lode,		17.017
Total Area May lode,		19.379
Total Area Red Raven lode,		20.492
Area in conflict with Copperopolis, lode, Sur. 3015,	1.393	
Total Area Shorty lode,		15.763
Area in conflict with:		
Prospect lode, Sur. 2906,	6.653	
Copperopolis lode, Sur. 3015,	0.095	

Total Area Tie Up lode,	7.471
Area in conflict with:	
January lode, Sur. 2497,	nominal - .000
Legal Tender lode, Sur. 3015,	0.096

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Location.

This survey is located in Section 24, T.1 N., R.14 E., & sec, 19, T. 1 N., R. 15 E. unsurveyed, G. & S.R.B. & M., Globe Mining District, Gila County, Arizona.

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Adjoining and Conflicting Claims.

The Remnant lode, unsurveyed, owned by P.P. Sullivan; the Goldfield and Mespah lodes, unsurveyed, owned by J.P. Tynan et al.; the Florence lode, unsurveyed, owned by P.P. Sullivan et al.; the Prospect lode, Sur. 2906, owned by the Warrior Copper Company; and the Copperopolis and Copperopolis No.2 lodes, of Sur. 3015, owned by the Inspiration Consolidated Copper Company, on the north. The Legal Tender lode, Sur. 3015, owned by the Inspiration Consolidated Copper Company, on the east. The Moonshine lode, Sur. 3008, owned by the Inspiration Consolidated Copper Company; the January, Nellie and Lion lodes, of Sur. 2497, owned by the Warrior Copper Company, on the south. And the Tecumseh lode, unsurveyed, owned by P.P. Sullivan et al., on the west.

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Expenditure of Five Hundred Dollars.

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

June lode.

No.1, the discovery, cut, 4 x 6 x 21 ft., which is intersected by the lode line 103.7 ft. from the east end center, and which extends S. 07° 00' E. 7.0 ft. to mouth and N.07° 00' W. 14.0 ft. to face. Value \$25.00.

No.2, shaft, 4 x 6 x 59 ft., partially timbered, the center of which is on line 4-1, 324.9 ft. from Cor. 4.

Value \$600.00.

This improvement being situated partially on this claim and partially on the May claim of this survey, and being intended as a common improvement for the benefit of each of these claims, and not being intended for or so situated that it is of any benefit to any other claim in the survey, the value thereof is distributed equally to the June and May claims only, \$300.00 being credited to each.

No.3, 79 ft. of cut and tunnel, 4 x 6 ft., the center of the mouth of which is on line 1-2, 70.7 ft. from Cor. 1, and which extends thence N.07° W. to face. Value \$570.00.

~~May lode.~~

No.1, the discovery, cut, 4 x 5 x 22 ft., which is intersected by the lode line 58.0 ft. from the West end center and which extends thence S. 71° 00' E. 16.0 ft. to mouth and N.71° 00' W. ^{6 ft.} to face. Value \$25.00.

No.2, 83 ft. of cut and tunnel, 4 x 6 ft., the center of the portal of which bears N. 52° 13' E. 156.1 ft. from the West end center and which extends thence S. 30° W. 20.0 ft. to mouth of cut and N. 22° E. 63.0 ft. to face of tunnel. Value \$575.00.

One half of improvement No.2 on the June claim which is credited to this claim. Value \$300.00.

~~Red Raven lode.~~

No.1, the discovery, cut, 4 x 8 x 18 ft., which is intersected by the lode line 342.9 ft. from the West end center and which extends thence N.63° 00' W. 4 ft. to mouth and S. 63° 00' E. 14 ft. to face. Value \$25.00.

No.2, 69.5 ft. of cut and tunnel, 4.5 x 6 ft., the center of the portal of which bears N.65° 56' E. 626.2 ft. from the west end center, and which extends thence S. 76° 00' W. 20.5 ft. to mouth of cut and N.76° 00' E. 32.0 ft.; thence N.87° 00' E. 17 ft. to face. Value \$500.00

~~Sherty lode.~~

Shorty.

No.1, the discovery, shaft, 8 x 8 x 4 ft., the center of the north side of which is on the lode line 219.5 ft. from the West end center. Value \$25.00.

No.2, shaft, 4 x 6 x 30 ft., partially timbered, the S.W. corner of which bears N. 54° 50' E. 127.0 ft. from Cor. No.2. Value \$275.00.

No.3, shaft, 4 x 6 x 26 ft., the S.W. corner of which bears N.46° 00' E., 11.0 ft. from Cor. No.2. Value \$220.00.

No.4, 56.5 ft., of cut and tunnel, 4.5 x 6.5 ft., the center of the portal of which bears S. 76° 00' W. 555.3 ft. from Cor. No.1, and which extends thence S. 37° 00' E. 7.0 ft. to mouth of cut and N.37° 00' W. 49.5 ft. to face of tunnel. Value \$400.00.

Tie Up.

No.1, the discovery, shaft, 6 x 6 x 6.5 ft., the center of the south side of which is on the lode line 10.0 ft. from the West end center. Value \$25.00.

No.2, 72.5 ft., of cut and tunnel, 4 x 7 ft., the center of the mouth of which bears S. 24° 50' E., 75.0 ft. from Cor. No.2 and which extends thence S. 14° 00' E. 55.0 ft.; thence S. 05° 00' W. 17.5 ft. to face. Value \$500.00.

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Instrument and Determination of Meridian.

This survey was made with a Berger Engineer's Transit. The courses were deflected from the true meridian as determined by direct Solar observation, verified by Polaris observation. The distances were measured with a 650 ft. steel tape.

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Report.

The side and end lines of the claims in this survey and all tie lines were run direct upon the ground.

Corners of the public survey to which ties are given:

The west quarter corner of Section 19 as originally

set was a quartzite stone, 4 x 5 x 9 ins. out of the ground, with mound of stone along side, chiseled $\frac{1}{4}$ on the west face. This corner has recently been removed during the construction of the railroad from Inspiration Consolidated Copper Company's mine to their smelter and reset since the completion of the road, the point now being a nail driven in the planking of track scales, surrounded by five other nails, by the side of which is scribed W 1/4 19. I verify the location of this corner by retracing the tie from Cors. 1 of the Legal Tender and Brownie lodes of Sur. 3015, and the tie from Cor. 1 Yankey Jumper lode, Sur. 2923, and find it to be in its original position.

The N.W. Corner of Section 19 is not in. I establish the theoretical position of this corner north 2640 feet from the west quarter corner of said section.

Cors. 1, 2 and 3, of the Prospect lode, Sur. 2906, are 4 x 4 posts properly set and scribed. The disagreement between these notes and the bearing of line 1-2 of said Prospect lode as approved is due to error in Sur. 2906. There is a nominal disagreement between these notes and line 2-3 of said Prospect lode, as approved.

Survey 3015;

Cors. 1, 2 and 3, Copperopolis lode and Cor. 1, Copperopolis No. 2 lode are iron pipes set in concrete, properly marked with corner and survey number. Cor. 4 of said Copperopolis No. 2 lode is a 4 x 4" post properly set and scribed. Cor. No. 2 of the Legal Tender lode is a 4 x 4" post properly set and scribed, and Cor. No. 3 of said Legal Tender lode is a 4 x 6" post properly set and scribed. I find line 1-2 of said Copperopolis lode and the quarter section corner tie from Cors. 1 of said Copperopolis and Copperopolis No. 2 lodes and the bearings of line 2-3 of said Copperopolis lode, 4-1 of said Copperopolis No. 2 lode and line 2-3 of said Legal Tender

lode correct as approved.

Cors. 2 and 3, Moonshine lode, Sur. 3008, are 4 x 4" posts properly set and scribed. The disagreement between these notes and line 2-3 of said Moonshine lode as approved is due to error in Sur. 3008.

Survey 2497:

Cors. 3 and 4 of each, the January, Nellie and Lion lodes, are 4 x 4" posts properly set and scribed as described herein. The disagreement between these notes and line 3-4 of each of said claims is due to error in Sur. 2497.

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

Edwin P. Steward
U.S. Mineral Surveyor.

Globe, Arizona, July 10, 1915.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

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

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

Warrior Copper Company

known as the June, May, Red Raven, Shorty, and Tie Up

and showing the respective capacities in which they acted.

Percy H. Bell, Chairman.
 _____, Chairman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~ I, Percy H. Bell

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

Edwin T. Stewart, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Warrior Copper Company

known as the June, May, Red Raven, Shorty, and Tie Up ~~lots~~

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 ^{my} ~~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.

Percy H. Bell, Chairman.
 _____, Chairman.
 _____, Axman.
 _____, Flagman.

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

day of July, 1915.

My Com. Ex. Jan. 21, 1919.

L. B. Peland

Notary Public, Gila
County, Arizona

(4-686.)

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

I, Edwin T. Stewart, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 21, 1915, 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 Warrior Copper Company, known as the June, May, Red Raven, Shorty, and Tie Up lodes, situate in Globe Mining District, Gila County, Arizona, approx., in Section 24, Township No. 1 N., Range No. 14 E., unsurveyed and sec. 19, Township 1 N., Range 15 E. and designated as Survey No. 3205, 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. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart
 U. S. ~~Deputy~~ Mineral Surveyor, before me L. B. Feland,
 a Notary Public this 10th
 day of July, 1915.
 My Com. Ex. Jan. 21, 1919.

L. B. Feland
 Notary Public, Gila Co.,
 Arizona.

JUN 21 1915

AMENDED LOCATION NOTICE.JUNE Lode Mining Claim.

TO WHOM IT MAY CONCERN:

This lode mining claim, the name of which is the JUNE, and which contains rock in place bearing valuable mineral deposits, was originally entered upon and located on the 3rd day of March, 1906, by Ernest M. White, who was then a citizen of the United States. The original location notice of this claim is recorded in the office of the County Recorder of Gila County, State of Arizona, in Book 11 of Records of Mines, at page 627; and an amended location notice is recorded in the office of said County Recorder, in Book 15 of Records of Mines, at page 133. This amended location of said claim is made on this 18th day of June, 1915, by Warrior Copper Company, a corporation organized under the laws of the State of Delaware and qualified to transact business and transacting business in said Gila County, which company is the present owner of said claim; and said company hereby reserves and maintains all and abandons and relinquishes none of its rights in and to said mining claim.

The length of this claim is 1500 feet measured from the east end monument to the west end monument; and said company claims lengthwise of the claim 107 feet easterly and 1393 feet westerly from the center of the discovery cut, at which this notice is posted, together with 463.8 feet measured along the west end line and 525

feet measured along the east end line. The general course of the lode deposit and premises is from the northeast to the southwest.

This claim is situated in the Globe Mining District, in Gila County, State of Arizona, the southeast corner thereof being approximately 1500 feet in a westerly direction from the mine office of said Warrior Copper Company.

The surface boundaries of this claim are marked upon the ground as follows: Beginning at a ~~post and~~ monument on the east end line of said claim 107 feet from the center of the discovery cut (at which this notice is posted); thence 275 feet in a northerly direction to a post and monument at the northeast corner of said claim; thence westerly 1500 feet to a post and monument at the northwest corner of said claim; thence southerly 231.9 feet to a ~~post and~~ monument at the center of the west end line of said claim; thence southerly 231.9 feet to a post and monument at the southwest corner of said claim; thence easterly 1500 feet to a post and monument at the southeast corner of said claim; thence northerly 250 feet to the place of beginning.

Dated and posted on the ground this 18th day of June, 1915.

WARRIOR COPPER COMPANY,

By Spencer D. Wright

WITNESSES:

John Ralston

STATE OF ARIZONA,)
County of GILA.) SS

I, E.T.STEWART, Recorder in and for the County of Gila, State of Arizona, do hereby certify that the foregoing is a full, true and correct copy of the AMENDED LOCATION NOTICE of the JUNE Lode Mining Claim, as the same appears of record in my office in Book 16, Records of Mines, at page 208; that I have compared the same with the original record, and that the same is a true transcript, and of the whole thereof.

GIVEN under my hand and seal of office, this 19th day of June, A.D.1915.

E.T.STEWART, Recorder,

By L. B. Feland
Deputy.



AMENDED LOCATION NOTICE.

JUN 27 1915

MAY Lode Mining Claim.

TO WHOM IT MAY CONCERN:

This mining claim, the name of which is the MAY, and which contains rock in place bearing valuable mineral deposits, was originally entered upon and located on the 3rd day of March, 1906, by Ernest M. White, who was then a citizen of the United States. The original location notice of this claim is recorded in the office of the County Recorder of Gila County, State of Arizona, in Book 11 of Records of Mines, at page 628; and an amended location notice is recorded in the office of said County Recorder, in Book 15 of Records of Mines, at page 140. This amended location of said claim is made on this 18th day of June, 1915, by Warrior Copper Company, a corporation organized under the laws of the State of Delaware and qualified to transact business and transacting business in said Gila County, which company is the present owner of said claim; and said company hereby reserves and maintains all and abandons and relinquishes none of its rights in and to said mining claim.

The length of this claim is 1500 feet measured from the east end monument to the west end monument; and said company claims lengthwise of the claim 1447 feet easterly and 53 feet westerly from the center of the discovery out, at which this notice is posted, together with 600 feet measured along the east end line and 525 feet

measured along the west end line. The general course of the lode deposit and premises is from the northeast to the southwest.

This claim is situated in the Globe Mining District, in Gila County, State of Arizona, the southwest corner thereof being approximately 1500 feet in a westerly direction from the mine office of said Warrior Copper Company.

The surface boundaries of this claim are marked upon the ground as follows: Beginning at a ~~post and~~ monument on the west end line of said claim 53 feet from the center of the discovery shaft (at which this notice is posted); thence northerly 275 feet to a post and monument at the northwest corner of said claim; thence easterly 1500 feet to a post and monument at the northeast corner of said claim; thence southerly 300 feet to a ~~post and~~ monument at the center of the east end line of said claim; thence southerly 300 feet to a post and monument at the southeast corner of said claim; thence westerly 1500 feet to a post and monument at the southwest corner of said claim; thence northerly 250 feet to the place of beginning.

Dated and posted on the ground this 18th day of June, 1915.

WARRIOR COPPER COMPANY,

By Spencer O. Wright

WITNESSES:

John Ralston

AMENDED LOCATION NOTICE.

JUN 21 1915

24

RED RAVEN Lode Mining Claim.

TO WHOM IT MAY CONCERN:

This lode mining claim, the name of which is the RED RAVEN, and which contains rock in place bearing valuable mineral deposits, was originally entered upon and located on the 17th day of August, 1907, by Warrior Copper Company, a corporation organized under the laws of the State of Delaware and qualified to transact business and transacting business in Gila County, State of Arizona; and the original location notice of this claim is recorded in the office of the County Recorder of said Gila County, in Book 14 of Records of Mines, at page 497.

This amended location of said claim is made on this 18th day of June, 1915, by said Warrior Copper Company, which company is the present owner of said claim; and said company hereby reserves and maintains all and abandons and relinquishes none of its rights in and to said mining claim.

The length of this claim is 1500 feet measured from the east end monument to the west end monument; and said company claims lengthwise of the claim 1157.1 feet easterly and 342.9 feet westerly from the center of the discovery cut, at which this notice is posted, together with 300 feet in width of the surface ground on each side of the center of the claim. The general course of the lode deposit and premises is from the northeast to the southwest.

This claim is situated in the Globe Mining District, in Gila County, State of Arizona, the southwest corner of the claim being approximately 300 feet in a northerly direction from the mine office of said Warrior Copper Company.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a ~~post and~~ monument in the center of the west end line of said claim, 342.9 feet in a westerly direction from the center of the discovery out (at which this notice is posted); thence northerly 300 feet to a post and monument at the northwest corner of said claim; thence easterly 1500 feet to a post and monument at the northeast corner of said claim; thence southerly 300 feet to a post and monument at the center of the east end line of said claim; thence southerly 300 feet to a post and monument at the southeast corner of said claim; thence westerly 1500 feet to a post and monument at the southwest corner of said claim; thence northerly 300 feet to the place of beginning.

Dated and posted on the ground this 18th day of June, 1915.

WARRIOR COPPER COMPANY,

By Spencer D. Wright

WITNESSES:

John Ralston

STATE OF ARIZONA, }
County of GILA. } SS

I, E.T.STEWART, Recorder in and for the County of Gila, State of Arizona, do hereby certify that the foregoing is a full, true and correct copy of the AMENDED LOCATION NOTICE of the RED RAVEN Lode Mining Claim, as the same appears of record in my office in Book 16, Records of Mines, at page 209; that I have compared the same with the original record, and that the same is a true transcript, and of the whole thereof.

GIVEN under my hand and seal of office, this 19th day of June, A.D.1915.

E.T.STEWART, Recorder,

By L. B. Feland
Deputy.



BERKSHIRE
PARC-MENT L 1 3
RECORDS

JUN 21 1915

AMENDED LOCATION NOTICE.SHORTY Lode Mining Claim.

TO WHOM IT MAY CONCERN:

This lode mining claim, the name of which is the SHORTY, and which contains rock in place bearing valuable mineral deposits, was originally entered upon and located on the 4th day of December, 1907, by Warrior Copper Company, a corporation organized under the laws of the State of Delaware and qualified to transact business and transacting business in Gila County, State of Arizona; and the original location notice of this claim is recorded in the office of the County Recorder of said Gila County, in Book 14 of Records of Mines, at page 553. This amended location of said claim is made on this 18th day of June, 1915, by said Warrior Copper Company, which company is the present owner of said claim; and said company hereby reserves and maintains all and abandons and relinquishes none of its rights in and to said mining claim.

The length of this claim is 1150 feet measured from the east end monument to the west end monument; and said company claims lengthwise of the claim 930.5 feet easterly and 219.5 feet westerly from the center of the discovery shaft, at which this notice is posted, together with 300 feet in width of the surface ground on each side of the center of the claim. The general course of the lode deposit and premises is from the northeast to the southwest.

This claim is situated in the Globe Mining District, in Gila County, State of Arizona, the southwest corner of the claim being approximately 900 feet in a northerly direction from the mine office of said Warrior Copper Company.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a post and monument of stones on the west end line of said claim, 219.5 feet in a westerly direction from the center of the discovery shaft (at which this notice is posted); thence northerly 300 feet to a post and monument at the northwest corner of said claim; thence easterly 1150 feet to a post and monument at the northeast corner of said claim, thence southerly 300 feet to a ~~post and~~ monument at the center of the east end line of said claim, thence southerly 300 feet to a post and monument at the southeast corner of said claim; thence westerly 1150 feet to a post and monument at the southwest corner of said claim; thence northerly 300 feet to the place of beginning.

Dated and posted on the ground this 18th day of June, 1915.

WARRIOR COPPER COMPANY,

By Spencer D. Krizler

WITNESSES:

John Dalton

STATE OF ARIZONA,)
County of GILA.) SS

I, E.T.STEWART, Recorder in and for the County of Gila, State of Arizona, do hereby certify that the foregoing is a full, true and correct copy of the AMENDED LOCATION NOTICE of the SHORTY Lode Mining Claim, as the same appears of record in my office in Book 16, Records of Mines, at page 210; that I have compared the same with the original record and that the same is a true transcript, and of the whole thereof.

GIVEN under my hand and seal of office this 19th day of June, A.D.1915.

E.T.STEWART, Recorder,
By L.D. Feland
Deputy.



BEAR CASE
PARCHEME
U.S.A.

AMENDED LOCATION NOTICE.TIE UP Lode Mining Claim.

JUN 21 1915

TO WHOM IT MAY CONCERN:

This lode mining claim, the name of which is the TIE UP, and which contains rock in place bearing valuable mineral deposits, was originally entered upon and located on the 4th day of December, 1907, by E. M. White, who was then a citizen of the United States; and the original location notice of this claim is recorded in the office of the County Recorder of Gila County, State of Arizona, in Book 14 of Records of Mines, at page 554. This amended location of said claim is made on this 18th day of June, 1915, by Warrior Copper Company, a corporation organized under the laws of the State of Delaware and qualified to transact business and transacting business in said Gila County, which company is the present owner of said claim; and said company hereby reserves and maintains all and abandons and relinquishes none of its rights in and to said mining claim.

The length of this claim is 1450 feet measured from the center of the east end line to a point on the west end line 121.5 feet from the southwest corner of the claim; and said company claims lengthwise of the claim 1440 feet southeasterly and 16 feet northwesterly from the center of the discovery shaft, at which this notice is posted, together with the surface ground on each side of the center of the claim, being 64 feet

measured along the east end line and 434.5 feet measured along the west end line. The general course of the lode deposit and premises is from the southeast to the northwest.

This claim is situated in the Globe Mining District, in Gila County, State of Arizona, the southwest corner thereof being approximately 1450 feet in a northeasterly direction from the mine office of said Warrior Copper Company.

The surface boundaries of this claim are marked upon the ground as follows: Beginning at a post and monument on the west end line of said claim 10 feet from the center of the discovery shaft (at which this notice is posted); thence northerly 313 feet to a post and monument at the northwest corner of said claim; thence southeasterly 990 feet to a 4" iron pipe set in concrete; thence southeasterly 604 feet to a post and monument at the northeast corner of said claim; thence southerly 32 feet to a ~~post~~ monument at the center of the east end line; thence southerly 32 feet to a post and monument at the southeast corner of said claim; thence northeasterly 1415 feet to a post and monument at the southwest corner of said claim; thence northerly 121.5 feet to the place of beginning.

Dated and posted on the ground this 18th day of June, 1915.

WARRIOR COPPER COMPANY,

By Spencer W. Knight

WITNESSES:

John B. Burt

STATE OF ARIZONA,)
) SS
 County of GILA.)

I, E.T.STEWART, Recorder in and for the County of Gila, State of Arizona, do hereby certify that the foregoing is a full, true and correct copy of the AMENDED LOCATION NOTICE of the TIE UP Lode Mining Claim, as the same appears of record in my office, in Book 16, Records of Mines, at page 209; that I have compared the same with the original record, and that the same is a true transcript, and of the whole thereof.

GIVEN under my hand and seal of office,
 this 19th day of June, A.D.1915.

E.T.STEWART, Recorder,

By L. D. Filand
 Deputy.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

September 15, 1915.

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

WARRIOR COPPER COMPANY

known as the JUNE, MAY, RED RAVEN, SHORTY, TIE UP.

situate in GLOBE

Mining District, GILA County, ARIZONA.

in Section 24, Township No. 1 N., Range No. 14 E., unsur., and sec. 19, Township 1 N., Range 15 E., designated as Survey No. 3205

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 each of said mining claims by claimant or its grantors, and that said improvements consist of 5 shafts, 8 cuts and 5 tunnels, total value \$3765.00.

As shaft No. 2 on the June lode is situated on both the June and May lodes, an undivided one-half interest, value \$300, in said improvement, is properly apportioned to each the said June and May lodes.

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 S. Ingalls,

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,

September 15, 1915.

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

WARRIOR COPPER COMPANY

known as the

JUNE, MAY, RED RAVEN, SHORTY, TIE UP.

situate in GLOBE mining district,

GILA County, ARIZONA.

in Section 24, Township No. 1 N., Range No. 14 E., unsur. and section 19, Township 1 N., Range 15 E. designated as Survey No. 3205

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

Surveyor, June 25-30, 1915, under my instructions dated

June 21, 1915, 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.

Frank S. Ingalls

U. S. Surveyor-General for Arizona.