

Platted

Aug 25 1915

4-683.

Mineral Survey No. 3233

Lot No.

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

IRON CAP COPPER COMPANY

KNOWN AS THE

Side Hill, High Hill, Cora May, Black Peak, Search Me

Globe

Mining District,

Gila

County, Arizona

Section 10 and 15, Township 1 N., Range 15 1/2 E., G. & S.R.B. & M., partially in the Crook National Forest.

Surveyed under instructions dated August 2, 1915,

by Edwin T. Stewart,

U. S. Deputy Mineral Surveyor

Claim located See location notices, 1

Survey commenced August 5, 1915.

Survey completed August 10, 1915.

6-160

Address:

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

Vertical handwritten notes on the left margin, including 'No. 3233' and '4000'.

Feet.	Mineral Survey No.3233
	Search Me.
	Beginning at Cor. No.1, identical with N.W. Corner of the location.
	A pine post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 24 ins. in the ground, with mound of stone, scribed 1-SM-3233, whence
	The corner common to sections 12 and 13 on the east boundary of T.1 N., R.15 E., G.& S.R.B.& M., bears N.00° 33' 50" W. 938.7 ft.
	No other bearings available.
	Thence N.65° 46' E.
118.30	Intersect line 1-2, Rooster lode, Sur. 2302, N.51° 35' W. 93.4 ft. from Cor.2.
1217.70	Intersect line 3-4, Side Hill lode, this survey, N.52° 21' E. 137.0 ft. from Cor. 3.
1500.0	To Cor. No.2, identical with N.E. Corner of the location. A pine 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-SM-3233, whence A diorite boulder, 2 x 2.3 ft., flush with the ground, chiseled cross B.R. 3233, bears N.27° 46' E. 23.9 ft. No other bearings available.
	Thence S.16° 18' E.
296.60	To Northeast end monument of the location. A mound of stone, 3 ft. base, 3 ft. high.
415.85	Intersect line 1-2, Side Hill lode and line 4-1, High Hill lode, both of this survey, N.47° 09' E. 325.7 ft. from Cor. N°2 of said Side Hill lode and N.47° 09' E. 552.9 ft. from Cor. N°4 of said High Hill lode.
594.50	To Cor. No.3, identical with S.E. Corner of the location. A diorite boulder, showing 1.2 x 1.3 x 2.0 ft., out of the ground, chiseled cross 3-SM-3233 on the east face, with mound of stone alongside, whence A cross on diorite in place, about which is chiseled B.R. 3233, bears N.38° 40' E. 10.95 ft.

No other bearings available.

Thence S.65° 49' W.

- 499.30 To Cor. No.4, High Hill lode, this survey, and intersect line 3-4, Ninety-Six lode, Sur. 2312, S. 30° 05' E. 265.8 ft. from Cor. 3.
- 1499.80 To Cor. No.4, identical with S.W.Cor. of the location and Cor. 4, Bowery Girl lode, Sur. 2315.
- On line 2-3, Ninety-Six lode, Sur. 2312, S.50° 37' W. 1008.5 ft. from Cor. 3.
- A pine post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 24 ins. in the ground, with mound of stone, scribed 4-2315-B G L, to which I add 4-SM-3233, for this claim, whence
- A conglomerate boulder, showing 4 x 5 x 5 ft., out of the ground, chiseled cross B.R.-2315, to which I add 3233, bears S.77° 55' W. 17.63 ft.
- A cedar tree, 10 ins. in diameter, blazed and scribed cross B.T.-3233, bears S.61° 11' W. 58.75 ft.

No other bearings available.

Thence N. 16° 18' W.

- Along line 4-3, Bowery Girl lode, Sur. 2315.
- 296.6 To Southwest end monument of the location, from which the discovery shaft bears N.65° 46' E. 103.7 ft.
- A mound of stone, 3.0 ft. base, 4 ft. high.
- 482.9 To Cor. 3 of said Bowery Girl lode, and intersect line 2-3, Rooster lode, Sur. 2302, S.57° 18' W. 178.4 ft. from Cor. 2.
- 593.2 To Cor. No.1, the place of beginning.

Side Hill.

Beginning at Cor. No.1, identical with S.E. Corner of the location and Cor. No.1, High Hill lode, this survey.

A pine post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 26 ins. in the ground, with mound of stone, scribed 1-S H-3233 for this claim, whence

The quarter section corner between sections 10 and 15,

T.1 N., R.15 $\frac{1}{2}$ E., G.& S.R.B.& M., bears N.60° 16' 40" E.
444.1 ft.

No other bearings available.

Thence S.47° 09' W.

Along line 1-4, High Hill lode, this survey.

30.65 Intersect line 4-1, Cora May lode, this survey, S.33° 57'
E. 156.66 ft. from Cor.N.º1

961.20 Intersect line 2-3. Search Me lode, this survey, S.16°
18' E. 415.85 ft. from Cor. 2.

1286.90 To Cor. No.2, identical with S.W.Cor. of the location.
On line 4-1, High Hill lode, this survey, N.47° 09' E.
227.2 ft. from Cor. 4.

A pine 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-S H-3233, whence

A diorite boulder, showing 1 x 3 x 3 ft., out of the
ground, chiseled cross B.R.-3233, bears S. 11° 53' E.
14.5 ft.

No other bearings available.

Thence N.30° 05' W.

190.70 To Southwest end monument of the location, from which the
discovery tunnel bears N.52° 21' E., 333.5 ft.

A mound of stone, 3 ft. base, 4 ft. high.

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

A pine post, 4 ft. long, 4 ins. sq., with nail at the
exact corner, set 24 ins. in the ground, with mound of
stone, scribed 3-S.H.-3233, whence

A diorite boulder, showing 2 x 2 x 4 ft., out of the
ground, chiseled cross B.R.-3233, bears S. 59° 00' E.
33.7 ft.

No other bearings available.

Thence N.52° 21' E.

137.00 Intersect line 1-2, Search Me lode, this survey, S. 65°
46' W. 282.3 ft. from Cor. 2.

1101.70 Intersect the section line between Sections 10 and 15, T.
1 N., R.15 $\frac{1}{2}$ E., G.& S.R.B.& M., N. 89° 52' E. 1884.9

ft. from the S.W. and N.W. Corners, respectively of said sections and S. $89^{\circ} 52'$ W. 700.6 ft. from the quarter corner between said sections.

1266.00 To Cor. No. 4, identical with N.E. Cor. of the location.

A pine post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 28 ins. in the ground, with mound of stone, scribed 4-S H -3233, whence

A cross on diorite in place, about which is chiseled B.R. 323233, bears N. $33^{\circ} 00'$ E. 29.75 ft.

No other bearings available.

Thence S. $30^{\circ} 05'$ E.

115.50 Intersect the section line between said sections 10 and 15, N. $89^{\circ} 52'$ E. 2072.9 ft. from the S.W. and N.W. corners, respectively of said sections, and S. $89^{\circ} 52'$ W. 512.6 ft. from the quarter corner between said sections.

215.60 Intersect line 1-2, Cora May lode, this survey, N. $54^{\circ} 58'$ E. 40.60 ft. from Cor. 1.

295.80 To Northeast end monument of the location.

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

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

High Hill.

Beginning at Cor. No. 1, identical with N.E. Corner of the location, and Cor. 1, Side Hill lode, this survey.

A pine post previously described, to which I add 1-H H for this claim.

The quarter section corner between sections 10 and 15, T. 1 N., R. $15\frac{1}{2}$ E., G. & S.R.B. & M., bears N. $60^{\circ} 16' 40''$ E. 444.1 ft.

Thence S. $30^{\circ} 05'$ E.

301.70 To northeast end monument of the location.

A mound of stone, 3 ft. base, 4 ft. high.

449.10 To Cor. No. 2, identical with S.E. Corner of the location, Cors. 4 and 1, respectively, of Cora May and Black Peak lodes, both of this survey, and Cor. 2, Anaconda lode, Sur. 1911.

A pine post, 4 ins. sq., with nail at the exact corner, showing 2.5 ft., out of the ground, with mound of stone, scribed A 2-1911, to which I add 2-HH-3233, for this claim, whence

A diorite boulder, showing 1.5 x 2.5 x 2.5 ft., out of the ground, chiseled cross B.R. 2-1911, to which I add 3233, bears S.04° 19' W. 21.4 ft.

A diorite boulder, showing 3 x 3.5 x 5 ft., out of the ground, chiseled cross B.R. 3233 bears N.05° 41' E. 46.6 ft.

No other bearings available.

Thence S. 51° 25' W.

Along line 2-1, of said Anaconda lode, Sur. 1911.

1493.1 To Cor. No.3, identical with S.W. Corner of the location, Cor. 1 of said Anaconda lode, Sur. 1911, and Cors. 2 and 4, respectively, of the Bird and Ninety-Six lodes, both of Sur. 2312.

A redwood post, 4 ins. sq., with nail at the exact corner, showing 2.5 ft., out of the ground, with mound of stone, scribed A-1-1911, 2-2312 BL and 4 N L, to which I add 3-HH-3233, for this claim.

No bearings available.

Thence N.30° 05' W.

Along line 4-3 of said Ninety-Six lode, Sur. 2312.

147.40 To Southwest end monument of the location, from which discovery tunnel bears N.51° 25' E. 23.0 ft.

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

335.20 To Cor. No.4, identical with N.W. Corner of the location. At the intersection of line 3-4, Ninety-Six lode, Sur. 2312, with line 3-4, Search Me lode, this survey, being S.65° 49' W. 499.3 ft. from Cor. 3 of said Search Me lode.

A pine post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 24 ins. in the ground, with mound of stone, scribed 4-HH-3233, whence

A diorite boulder 1.8 x 2.5 ft., flush with the ground,

chiseled cross B.R. 3233, bears S. 79° 18' E. 14.45 ft.

No other bearings available.

Thence N.47° 09' E.

227.20 To Cor. No.2, Side Hill lode, this survey.

Along line 2-1 of said Side Hill lode, this survey.

552.90 Intersect line 2-3, Search Me lode, this survey, N.16° 18' W. 178.65 ft. from Cor. 3.

1483.45 Intersect line 4-1, Cora May lode, this survey, N.33° 57' W. 443.34 ft. from Cor. 4.

1514.10 To Cor. No.1, the place of beginning.

Cora May.

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

A pine post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 24 ins. in the ground, with mound of stone, scribed 1-C M-3233, whence

The quarter section corner between sections 10 and 15, T.1 N., R.15½ E., G.& S.R.B.& M., bears N.77° 21' 40" E. 508.0 ft.

A diorite boulder, showing 1 x 4 x 5.5 ft. out of the ground, chiseled cross B.R. 3233, bears S. 87° 23' W. 6.45 ft.

No other bearings available.

Thence N.54° 58' E.

40.60 Intersect line 4-1, Side Hill lode, this survey, N.30° 05' W. 153.0 ft. from Cor.1.

192.20 Intersect the section line between sections 10 and 15, T.1 N., R.15½ E., G.& S.R.B.& M., N.89° 52' E. 2247.3 ft. from the S.W. and N.W.corners, respectively, of said section and S.89° 52' W. 338.2 ft., from the quarter corner between said sections.

1449.60 To Cor. No.2, identical with N.E.Corner of the location.

A pine post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 24 ins. in the ground, with mound of stone, scribed 2-C M -3233, whence

A quartzite boulder, showing 1.0 x 1.5 x 3.0 ft., out of the ground, chiseled cross B.R. 3233, bears N.38° 15' E. 9.0 ft.

No other bearings available.

Thence S.33° 57' E.

300.00 To Northeast end monument of the location, from which the discovery cut bears S.54° 58' W. 525.0 ft.

A mound of stone, 3.5 ft. base, 3.5 ft. high.

562.31 Intersect line 1-2, M.C.lode, of Sur. 2651, N.38° 31' E. 687.46 ft. from Cor. 1.

600.00 To Cor. No.3, identical with S.E. Corner of the location and Cor. No.2, Black Peak lode, this survey.

A pine post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 28 ins. in the ground, scribed 3-C G.M.-3233, for this claim, whence

A diorite boulder, 1 x 1.5 ft., flush with the ground, chiseled cross B.R. 3233, bears N.71° 07' W. 35.85 ft.

No other bearings available.

Thence S.54° 58' W.

Along line 2-1 of said Black Peak lode, this survey.

126.90 Intersect line 1-2, M.C.lode of Sur. 2651, N.38° 31' E., 554.4 ft. from Cor.1.

384.70 Intersect the section line between said sections 10 and 15, S.89° 48' W. 1912.8 ft. from the S.E. and N.E. corners, respectively, of said sections, and N.89° 48' E. 711.4 ft. from the quarter corner between said sections.

1449.60 To Cor. No.4, identical with S.W. corner of the location, Cor. 2, Anaconda lode, Sur. 1911, and Cors. 1 and 2, respectively, of the Black Peak and High Hill lodes, both of this survey.

A pine post, previously described, to which I add 4-CM for this claim.

Thence N.33° 57' W.

300.00 To Southwest end monument of the location.

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

- 443.34 Intersect lines 4-1 and 1-2, respectively of the High Hill and Side Hill lodes, both of this survey, S. 47° 09' W. 30.65 ft. from Cors.1.
- 600.00 To Cor. No.1, the place of beginning.
Black Peak.
Beginning at Cor. No.1, identical with N.W.Corner of the location, Cor. 2, Anaconda lode, Sur. 1911, and Cors. 2 and 4, respectively, of the High Hill and Cora May lodes, this survey.
A pine post, previously described, to which I add 1- B P for this claim.
The quarter corner between sections 10 and 15, T.1 N., R.15½ E., G.& S.R.B.& M., bears N.14° 46' 20" E. 629.7 ft.
Thence N.54° 58' E.
Along line 4-3 of said Cora May lode, this survey.
- 1064.90 Intersect the section line between sections 10 and 15, T. 1 N., R. 15½ E., G.& S.R.B.& M., N.89° 48' E. 711.4 ft. from the quarter corner between said sections, and S. 89° 48' W. 1912.8 ft. from the S.E. and N.E.corners respectively of said sections.
- 1322.70 Intersect line 1-2, M.C.lode, of Sur. 2651, N.38° 31' E. 554.4 ft. from Cor. 1.
- 1449.60 To Cor. No.2, identical with N.E.Corner of the location and Cor. 3 of said Cora May lode, this survey.
A pine post previously described, to which I add 2-BP for this claim.
Thence S.30° 02' E.
- 253.30 Intersect the section line between said sections 10 and 15, N.89° 48' E. 1153.2 ft. from the quarter corner between said sections and S. 89° 48' W. 1471.0 ft. from the S.E. and N.E.corners respectively of said sections.
- 300.00 To northeast end monument of the location.
A mound of stone, 3 ft. base, 3.5 ft. high.
- 374.00 To Cor. No.3, identical with S.E.Corner of the location.

A pipe post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 24 ins. in the ground, scribed 3-B P -3233, whence

A quartzite boulder, .6 x .8 ft., flush with the ground, chiseled cross B.R. 3233 bears N.71° 55' E. 28.75 ft.

Cor. 1, Total Eclipse lode, of Sur. 2651, bears N.12° 03' W. 79.0 ft.

No other bearings available.

Thence S. 46° 20' W.

707.70 Intersect line 4-1, M.C.lode, of Sur. 2651, S. 22° 08' E. 330.2 ft. from Cor.1.

1486.00 To Cor. No.4, identical with S.W.Corner of the location, Cor. 3, Anaconda lode, Sur. 1911, and Cor. 2, Copper Age lode, Sur. 2430.

A pine post, 4 ins. sq., with nail at the exact corner, showing 2.5 ft. out of the ground, with mound of stone, scribed A.3-1911, 2-2430-C.A., to which I add 4-B.P.-3233, for this claim, whence

A quartzite boulder, showing 1 x 1.5 x 1.5 ft. out of the ground, chiseled cross B.R. 3-1911, to which I add 3233, bears S.47° 53' E. 19.9 ft.

No other bearings available.

Thence N.30° 02' W.

Along line 3-2 of said Anaconda lode, Sur. 1911,

297.90 To s.o u t h-west end monument of the location, identical with northeast end monument of the said Anaconda lode, from which the discovery cut bears N.54° 58' E. 25000 ft.

A mound of stone, 2.5 ft. base, 3.5 ft. high.

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

Variation at all corners 14° 30' E.

Lode Lines.

As near as can be determined from present development the veins of the several locations embraced in this survey extend as follows from their respective discovery

points:

Search Me, S.65° 46' W. 103.7 ft., and N.65° 46' E.
1396.3 ft.

Side Hill, S. 52° 21' W. 333.5 ft., and N.52° 21' E.
932.5 ft.

High Hill, S. 51° 25' W. 23.0 ft., and N.51° 25' E.
1470.1 ft.

Cora May, S. 54° 58' W. 924.6 ft., and N.54° 58' E.
525.0 ft.

Black Peak, S. 54° 58' W. 250.0 ft., and N.54° 58' E.
1199.6 ft.

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Areas.

	Acres	Acres.
Total Area Search Me lode,		20.254'
Area in conflict with:		
Rooster lode, Sur. 2302,	.329	
Ninety-Six lode, Sur. 2312,	3.036	
Side Hill lode, this survey,	3.820	
High Hill lode, this survey	1.014	
Tract A,	1.330	
Total Area Side Hill lode,		12.318'
Total Area High Hill lode,		13.294'
Total Area Cora May lode,		19.964'
Area in conflict with:		
Side Hill lode, this survey,	.125	
High Hill lode, this survey,	.154	
M.C.Lode, Sur. 2651,	.055	
Total Area Black Peak lode,		16.110'
Area in conflict with M.C. lode, Sur. 2651,	5.482	

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Tract A.

Beginning at Cor. No.4, Search Me lode, this survey;
thence N.59° 08' E. 995.3 ft. to a point on line 3-4,
Ninety-Six lode, Sur. 2312; ^{149.34 ft. from Coy. No.3} thence S. 30° 05' E. along
said line, ^{3-4 Ninety-Six lode,} 116.46 ft., to a point on line 3-4 of said
Search Me lode; thence S. 65° 49' W., along said line 3-4
1000.5 ft., to the place of beginning, containing an
area of 1.330 acres.

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Location.

This survey is located in Sections 10 and 15, T.1 N., R.15 1/2 E., G. & S.R.B. & M., Globe Mining District, Gila County, Arizona, partially in the Crook National Forest.

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Adjoining and Conflicting Claims.

The Hope No.1, Hope No.2 and Hope No.3 lodes, unsurveyed, owned by T.E.Rinehart et al., on the north. The M.C.lode of Sur. 2651, owned by the Superior & Boston Copper Company; and the M.C.Fraction lode, unsurveyed, owned by Anton Trojanovich, on the east. The Anaconda lode, Sur. 1911, owned by C.E.Taylor; the Copper Age lode, Sur. 2430, and the Ninety-Six lode and Bird lode, both of Sur. 2312, owned by the Iron Cap Copper Co., on the south. The Bowery Girl lode, Sur. 2315, owned by Lizzie House, et al.; and the Rooster lode, Sur. 2502, owned by W.J.Mallory, 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:

Search Me.

No.1, discovery, shaft, 4 x 6 x 9 ft., the center of which is on the lode line 103.7 ft., from the southwest end monument. Value \$30.00.

No.2, cut, 5 x 8 x 44 ft., the center of the mouth of which bears N.27° 53' E. 412.6 ft. from Cor. 4 and which extends thence N.60° E. to face. Value \$200.00.

No.3, shaft, 4 x 5 x 22 ft., the N.W.Corner of which bears S.54° 30' E. 44.0 ft., from a point on the lode line 431.1 ft. from the southwest end monument. Value \$200.00.

No.4, shaft, 5 x 7 x 90 ft., timbered, the N.W.corner of which bears N.82° 02' E. 170.7 ft., from the above

described point. Value \$1300.00.

No.5, shaft, 4 x 6 x 10 ft., the N.W.corner of which bears N.79° 00' E. 269.6 ft., from the above described point. Value \$50.00.

No.6, 116 ft., of cut and tunnel, 4 x 6 ft., the center of the portal of which bears N.79° 15' E., 310.7 ft., from the above described point and which extends thence S. 82° W.28.0 ft., to mouth of cut and S. 63° 00' E. 9.0 ft. to point 1; thence N.70° 30' E. 65.0 ft. to face. And, from point 1, S. 53° 30' E. 14.0 ft. to face. Value \$1000.00.

No.7, shaft, 5 x 5 x 7 ft., the N.W.corner of which bears N.78° 28' E. 373.3 ft., from the above described point. Value \$30.00.

No.8, 51 ft., of cut and tunnel, 3.5 x 6 ft., the center of the portal of which bears N.79° 15' E., 459.6 ft. from the above described point, and which extends thence S. 87° 10' W. 17.0 ft. to mouth of cut, and N.78° 30' E. 34.0 ft. to face. Value \$425.00.

Side Hill.

No.1, discovery, 38 ft. of cut and tunnel, 4 x 6 ft. which is intersected by the lode line, 333.5 ft. from the southwest end monument, and which extends thence N.56° W. 9.0 ft. to mouth of cut, and S. 56° E. 29.0 ft. to face. Value \$275.00.

No.2, 89 ft. of cut and tunnel, 4 x 6 ft., the center of the mouth of which bears N.25° 20' W. 75.7 ft., from Cor. 2, and which extends thence S. 48° 50' E., 17.0 ft.; thence S. 40° 15' E. 72.0 ft. Value \$800.00.

This improvement being situated partially upon the Side Hill lode and the High Hill lode, the value thereof is distributed equally between said claims, \$400.00 being credited to each.

High Hill.

No.1, discovery, 112.5 ft. of cut and tunnel, 4 x 6 ft., which is intersected by the lode line, 23.0 ft.,

from the southwest end monument, and which extends thence S. 24° 45' W. 12.0 ft. to mouth of cut; thence N.24° 45' E. 100.5 ft. to face. Value \$1050.00.

No.2, 33.5 ft. of cut and tunnel, 4 x 6 ft., the center of the mouth of which bears N.73° 39' E. 97.9 ft., from Cor.4, and which extends thence S. 77° 00' E. to face. Value \$225.00.

1/2 of Improvement No.2 on the Side Hill lode, which is credited to this claim. Value \$400.00.

Cora May.

No.1, discovery, cut, 4 x 10 x 17 ft., the center of the face of which is on the lode line 525.0 ft., from the northeast end monument, and which extends thence N. 55° E. to mouth. Value \$25.00.

No.2, 50 ft., of cut and tunnel, 4 x 6 ft., the center of the mouth of which bears S. 76° 10' W. 101.0 ft., from a point on the lode line 543.0 ft. from the northeast end monument, and which extends thence S. 64° W. to face. Value \$350.00.

No.3, cut, 4 x 6 x 13 ft., the center of the mouth of which bears S. 73° 05' W. 74.5 ft., from a point on line 3-4 493.6 ft., from Cor. 3, and which extends thence N.75° W. to face. Value \$25.00.

No.4, 33 ft. of cut and tunnel 4 x 6 ft., the center of the mouth of which bears N.47° 30' E. 262.9 ft. from the above described point and which extends thence N. 34° W. to face. Value \$225.00.

Black Peak.

No.1, discovery, cut, averaging 5 x 6 x 28 ft., a point on the northwest side of which is on the lode line 250.0 ft. from the southwest end monument, and which extends thence N.55° E. 6.0 ft. to face and S. 55° W. 22.0 ft. to mouth. Value \$150.00.

No.2, cut, 4 x 6 x 40 ft., the center of the mouth of which bears N.57° 14' E. 166.9 ft., from the southwest end monument, and which extends thence N.57° E. to face. Value \$150.00.

No.3, pit, 3 x 14 x 14 ft., the center of which bears N.51° 15' E., 116.2 ft. from a point on the lode line 259.4 ft., from the southwest end monument. Value \$75.00.

No.4, 32 ft., of cut and tunnel, 3.5 x 6 ft., the center of the mouth of which bears S. 31° 18' W. 309.6 ft. from a point on line 1-2, 493.6 ft., from Cor. 2, and which extends thence S. 01° E. 21.0 ft., thence S.65° W. 11.0 ft. to face. Value \$200.00.

No.5, 72 ft. of cut and tunnel, 4 x 6 ft., the center of the mouth of which bears S. 45° 52' W. 291.9 ft., from the above described point, and which extends thence S. 3° W. 54.0 ft.; thence S. 38° E. 18.0 ft. to face . Value \$500.00.

Other Improvements.

Cora May.

A shaft, 4 x 6 x 9 ft., the S.W.corner of which bears N. 40° 36' E. 232.8 ft., from a point on the lode line, 543.0 ft. from the northeast end monument.

21 ft. of cut and tunnel, 4 x 6 ft., the center of the portal of which bears N.44° 44' E. 178.7 ft. from a point on line 3-4, 493.6 ft., from corner 3 and which extends thence S. 70° E. 14.0 ft. to mouth, thence N. 70° W. 7.0 ft. to face.

These two improvements are not credited to the Cora May claim, because of their not having been made by the claimant, or its grantor.

.....

Instrument and Determination of Meridian.

This survey was made with a 6 1/4 inch 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.

.....

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 section corner common to Sections 12 and 13, on the east boundary of T.1 N., R.15 E., is a diorite stone, showing 4 x 6 x 6 ins. out of the ground, chiseled with two grooves on the north face and four grooves on the south face. The ^{closing} corner common to Sections 10 and 15, on the west boundary of T.1 N., R.15 $\frac{1}{2}$ E., I establish from the witness corner, a quartzite stone, showing 5 x 8 x 6 ins. out of the ground, chiseled WC on northeast face and 15 $\frac{1}{2}$ E. on the south face, with mound of stone alongside, and which is S. 89° 52' W. 24 links from the true corner.

The quarter corner between Sections 10 and 15, T.1 N., R.15 $\frac{1}{2}$ E., is a diorite stone showing 4 x 1 x 1 ft. out of the ground, chiseled $\frac{1}{4}$ on north face, with mound of stone alongside.

The section corner common to Sections 10, 15, 11 and 14, T.1 N., R.15 $\frac{1}{2}$ E., is a diorite stone, showing .6 x .7 x 1.0 ft., out of the ground, chiseled 1 N on north face, two grooves and 15 $\frac{1}{2}$ on east face, four grooves on south face, and one groove on west face.

Corners 1, 2 and 3, of the Rooster lode, Sur. 2302, are 4 x 4" posts properly set and scribed. The disagreement between these notes and the bearings of lines 1-2-3 of said Rooster lode, as approved, is due to error in Sur. 2302.

Corners 3 and 4 of the Bowery Girl lode, Sur. 2315, are 4 x 4" posts properly set and scribed. The disagreement between these notes and line 3-4 of said Bowery Girl lode, as approved, is due to error in Sur. 2315. The northeast end monument of said Bowery Girl lode is not in.

Corners 2, 3 and 4 of the Ninety-Six lode, Sur. 2312, are 4 x 4" posts properly set and scribed. The disagreement between these notes and the bearing of line 2-3 and both the bearing and distance of line 3-4 of said Ninety-Six lode, as approved, is due to error in said Sur. 2312. The

northeast end monument of said Ninety-six lode is not in.

Corners 1,2 and 3 of the Anaconda lode, Sur.1911, are 4 x 4" posts, properly set and scribed. The disagreement between these notes and lines 1-2-3 of said Anaconda lode, as approved, is due to error in Sur.1911.

Corners 4-1-2, M.C.lode, Sur.2651, are 4 x 4" posts, properly set and scribed. I find the bearing of line 4-1 correct as approved. There is a nominal disagreement between these notes and the bearing of line 1-2 of said M.C.lode, as approved. There is a nominal disagreement between the section corner tie from Cor. No.1 of said M.C.lode, as approved, and the same tie as computed through these notes.

Corner 1, Total Eclipse lode, Sur.2651, is a 4 x 4" post, properly set and scribed. There is a nominal disagreement between the section corner tie from said corner, as approved, and the same tie as computed through these notes.

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

Edwin P. Stewart
U.S.M.S.

Globe, Arizona, August 21, 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

IRON CAP COPPER COMPANY

known as the Side Hill, High Hill, Cora May, Black Peak, Search Me

and showing the respective capacities in which they acted.

D.H. Beece

....., Chainman.

....., Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

~~I do~~

~~and~~ I, P.H. Bell,, 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 IRON CAP COPPER COMPANY

known as the Side Hill, High Hill, Cora May, Black Peak, Search Me

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

D.H. Beece

....., Chainman.

....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 21st

day of August, 1905

L.B. Filand

Notary Public, Gila County,
Arizona.

My commission expires Jan 21, 1919

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 August 2, 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 Iron Cap Copper Company, known as the Side Hill, High Hill, Cora May, Black Peak, Search Me, situate in Globe Mining District, Gila County, Arizona, in Sections 10 and 15, Township No. 1 N., Range No. 15 1/2 E., G. & S. R. B. & M., and designated as Survey No. 3233, 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 21st

day of August, 1915.

My. Com. Ex. Jan 21 1919 L. B. Feland

Notary Public, Gila County,
Arizona.

JUL 31, 1915

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AMENDED LOCATION NOTICE.

SIDE HILL Lode Mining Claim.

TO WHOM IT MAY CONCERN:

This mining claim, the name of which is the SIDE HILL, and which contains rock in place bearing valuable mineral deposits, was originally entered upon and located on the 5th day of July, 1900, by William Stavenson, Winthrop House and H. Shoap, who were then citizens 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 7 of Records of Mines, at page 163. This amended location of said claim is made on this 28th day of July, 1915, by Iron Cap Copper Company, a corporation organized under the laws of the State of Maine 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 1266 feet measured from the east end monument to the west end monument of said claim; and said company claims lengthwise of the claim 936 feet northeasterly and 330 feet southwesterly from the center of the discovery cut, at which this notice is posted, together with the surface ground on each side of the center of the claim, being 369 feet measured along the east end line and 486.5 feet measured

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

This claim is situated in the Globe Mining District in Gila County, State of Arizona. The southeast corner thereof bears S. 60° 10' W. 440.0 feet from the N. $\frac{1}{4}$ corner of Section 15, T. 1 N., R. 15 $\frac{1}{2}$ E., G. & S. R. B. & M.; and the south line of said claim is approximately 400 feet northwest from the north line of the Anaconda patented lode mining claim, Lot. No. 1911.

The surface boundaries of this claim are marked upon the ground as follows: Beginning at a monument on the west end line of said claim 330 feet from the center of the discovery cut (at which this notice is posted); thence northwesterly 295.8 feet to a post at the northwest corner of said claim; thence northeasterly 1266 feet to a post at the northeast corner of said claim; thence southeasterly 178.0 feet to a monument on the east end line of said claim; thence southeasterly 191.0 feet to a post at the southeast corner of said claim; thence southwesterly 1286 feet to a post at the southwest corner of said claim; thence northwesterly 190.7 feet to the place of beginning.

Dated and posted on the ground this 28th day of July, 1915.

IRON CAP COPPER COMPANY,

By F. A. Woodward,

Its Superintendent.

WITNESS:

Percy H. Bell

Filed and recorded at the request of Alderman & Elliott on the 29 day of July, A.D.1915, at 30 minutes past 2 o'clock P.M.

E.T.Stewart, County Recorder.

STATE OF ARIZONA,)
County of GILA.) SS

I, E.T.Stewart, County Recorder in and for the County of Gila, State of Arizona, hereby certify that the above and foregoing is a full, true and correct copy of the Amended Location Notice of the SIDE HILL Lode Mining Claim, as the same appears of record in my office in Book 16, Records of Mines, page ____; 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 29th day of July, A.D.1915.

E. T. Stewart
County Recorder.



AMENDED LOCATION NOTICE.HIGH HILL Lode Mining Claim.

TO WHOM IT MAY CONCERN:

This mining claim, the name of which is the HIGH HILL, and which contains rock in place bearing valuable mineral deposits, was originally entered upon and located on the 21st day of June, 1900, by H. Shoap, William Stevenson and Winthrop House, who were then citizens 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 7 of Records of Mines, at page 140. This amended location of said claim is made on this 28th day of July, 1915, by Iron Cap Copper Company, a corporation organized under the laws of the State of Maine 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 1493 feet measured from the east end monument to the west end monument of said claim; and said company claims lengthwise of the claim 1470 feet northeasterly and 23 feet southwesterly from the center of the discovery cut, at which this notice is posted, together with the surface ground on each side of the center of the claim, being 449.4 feet measur-

ed along the east end line and 335.9 feet measured along the west end line. The general course of the lode deposit and premises is from the southwest to the northeast.

This claim is situated in the Globe Mining District, in Gila County, State of Arizona. The southeast corner thereof bears S. $14^{\circ} 45'$ W. 630.0 feet from the N. $\frac{1}{4}$ corner of Section 15, T. 1 N., R. $15\frac{1}{2}$ E., G. & S. R. B. & M.; and the said claim is bounded on the south by the Anaconda patented lode mining claim, Lot No. 1911, and on the west by the Ninety Six patented lode mining claim, Mineral Survey No. 2312.

The surface boundaries of this claim are marked upon the ground as follows: Beginning at a monument on the west end line of said claim 23 feet from the center of the discovery cut (at which this notice is posted); thence northwesterly 188.5 feet to a post at the northwest corner of said claim; thence northeasterly 1514 feet to a post at the northeast corner of said claim; thence southeasterly 302.0 feet to a monument on the east end line of said claim; thence southeasterly 147.4 feet to a post at the southeast corner of said claim; thence southwesterly 1493 feet to a post at the southwest corner of said claim; thence northwesterly 147.4 feet to the place of beginning.

Dated and posted on the ground this 28th day of July, 1915.

IRON CAP COPPER COMPANY,

By F. A. Woodward,

Its Superintendent.

WITNESS:

Percy H. Bell.

Filed and recorded at the request of Alderman & Elliott on the 29 day of July, A.D.1915, at 30 minutes past 2 o'clock P.M.

E.T.Stewart, County Recorder.

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

I, E.T.Stewart, County Recorder in and for the County of Gila, State of Arizona, do hereby certify that the above and foregoing is a full, true and correct copy of the Amended Location Notice of the HIGH HILL Lode Mining Claim, as the same appears of record in my office in Book 16, Records of Mines, page ____; 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 29th day of July, A.D.1915.



E. T. Stewart
County Recorder.

JUL 31 1915

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AMENDED LOCATION NOTICE.

CORA MAY Lode Mining Claim.

TO WHOM IT MAY CONCERN:

This mining claim, the name of which is the CORA MAY, and which contains rock in place bearing valuable mineral deposits, was originally entered upon and located on the 1st day of July, 1913, by James Anderson, 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 25 of Records of Mines, at page 16. This amended location of said claim is made on the 28th day of July, 1915, by Iron Cap Copper Company, a corporation organized under the laws of the State of Maine, 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 and said company claims lengthwise of the claim 537 feet northeasterly and 913 feet southwesterly from the center of the discovery out, at which this notice is posted, together with the surface ground on each side of the center of the claim, being 600 feet measured along the east end line, and 600 feet measured along the west end line. The general course of the lode deposit and prem-

ises is from the southwest to the northeast.

This claim is situated in the Globe Mining District, in Gila County, State of Arizona. The southwest corner thereof bears S. 14° 45' W. 630.0 feet from the N. $\frac{1}{4}$ corner of Section 15, T. 1 N., R. 15 $\frac{1}{2}$ E., G. & S. R. B. & M.; and the said claim is bounded on the southwest by the Anaconda patented lode mining claim, Lot No. 1911.

The surface boundaries of this claim are marked upon the ground as follows: Beginning at a monument on the west end line of said claim 913 feet from the center of the discovery cut (at which this notice is posted); thence northwesterly 300 feet to a post at the northwest corner of said claim; thence northeasterly 1450 feet to a post at the northeast corner of said claim; thence southeasterly 300 feet to a monument on the east end line of said claim; thence southeasterly 300 feet to a post at the southeast corner of said claim; thence southwesterly 1450 feet to a post at the southwest corner of said claim; thence northwesterly 300 feet to the place of beginning.

Dated and posted on the ground this 28th day of July, 1915.

IRON CAP COPPER COMPANY,
By F. A. Woodward,
Its Superintendent.

WITNESS:

Percy H. Bell

Filed and recorded at the request of Alderman
& Elliott on the 29 day of July, A.D.1915, at 30 minutes past
2 o'clock P.M.

E.T.Stewart, County Recorder,

STATE OF ARIZONA,)
 0 ss.
County of Gila. 0

I, E.T.Stewart, County Recorder in and for
the County of Gila, State of Arizona, do hereby certify that
the above and foregoing is a full, true and correct copy
of the Amended Location Notice of the CORA MAY Lode Mining
Claim, as the same appears of record in my office in Book
16, Records of Mines, at page ___; 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
29th day of July, A.D.1915.



E. T. Stewart
County Recorder.

AMENDED LOCATION NOTICE.BLACK PEAK Lode Mining Claim.

TO WHOM IT MAY CONCERN:

This mining claim, the name of which is the BLACK PEAK, and which contains rock in place bearing valuable mineral deposits, was originally entered upon and located as the BLACK PEACK lode mining claim on the 1st day of January, 1911, by Edward Anderson, 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 21 of Records of Mines, at page 504. This amended location of said claim is made on this 28th day of July, 1915, by Iron Cap Copper Company, a corporation organized under the laws of the State of Maine 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 east end monument to the west end monument of said claim; and said company claims lengthwise of the claim 1200 feet northeasterly and 250 feet southwesterly from the center of the discovery cut, at which this notice is posted, together with the surface ground on each side of the center of the claim, being 375.0 feet

measured along the east end line and 598.0 feet measured along the west end line. The general course of the lode deposit and premises is from the southwest to the northeast.

This claim is situated in the Globe Mining District in Gila County, State of Arizona. The northwest corner thereof bears S. 14° 45' W. 630.0 feet from the N. $\frac{1}{4}$ corner, Section 15, T. 1 N., R. 15 $\frac{1}{2}$ E., G. & B. R. B. & M.; and the said claim is bounded on the west by the Anaconda patented lode mining claim, Lot No. 1911.

The surface boundaries of this claim are marked upon the ground as follows: Beginning at a monument on the west end line of said claim 250 feet from the center of the discovery cut (at which this notice is posted); thence northwesterly 300 feet to a post at the northwest corner of said claim; thence northeasterly 1450 feet to a post at the northeast corner of said claim; thence southeasterly 300 feet to a monument on the east end line of said claim; thence southeasterly 75.0 feet to a post at the southeast corner of said claim; thence southwesterly 1480 feet to a post at the southwest corner of said claim; thence northwesterly 298.0 feet to the place of beginning.

Dated and posted on the ground this 28th day of July, 1915.

IRON CAP COPPER COMPANY,

By F. A. Woodward,

Its Superintendent.

WITNESS:

Percy H. Bell

Filed and recorded at the request of Alderman
& Elliott on the 29 day of July, A.D.1915, at 30 minutes
past 2 o'clock P.M.

E.T.Stewart, County Recorder.

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

I, E.T.Stewart, County Recorder in and for
the County of Gila, State of Arizona, do hereby certify
that the above and foregoing is a full, true and correct
copy of the Amended Location Notice of the BLACK PEAK
Lode Mining Claim, as the same appears of record in my
office in Book 16, Records of Mines, at page ____; 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
29th day of July, A.D.1915.



E. T. Stewart
County Recorder.

AMENDED LOCATION NOTICE.SEARCH ME Lode Mining Claim.

TO WHOM IT MAY CONCERN:

This mining claim, the name of which is the SEARCH ME, and which contains rock in place bearing valuable mineral deposits, was originally entered upon and located on the 19th day of January, 1905, by Walter H. Webster, 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 9 of Records of Mines, at page 291. This amended location of said claim is made on this 28th day of July, 1915, by Iron Cap Copper Company, a corporation organized under the laws of the State of Maine, 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 and said company claims lengthwise of the claim 1402 feet northeasterly and 98 feet southwesterly 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 594.5 feet measured along the east end line, and 593 feet measured along the west end line. The general course of the lode deposit and premises is

from the southwest to the northeast.

This claim is situated in the Globe Mining District, in Gila County, State of Arizona. The northeast corner thereof bears S. $68^{\circ} 30'$ W. 1300.0 feet from the $N\frac{1}{4}$ corner, Section 15, T. 1 N., R. $15\frac{1}{2}$ E., G. & S. R. B. & M.; and the said claim is bounded on the west by the Rooster patented lode mining claim, Mineral Survey No. 2302, and by the Bowery Girl patented lode mining claim, Mineral Survey No. 2315, and on the south by the Ninety Six patented lode mining claim, Mineral Survey No. 2312.

The surface boundaries on this claim are marked upon the ground as follows: Beginning at a monument on the west end line of said claim 98 feet from the center of the discovery shaft (at which this notice is posted); thence northwesterly 296.5 feet to a post at the northwest corner of said claim; thence northeasterly 1500 feet to a post at the northeast corner of said claim; thence southeasterly 296.5 feet to a monument on the east end line of said claim; thence southeasterly 298 feet to a post at the southeast corner of said claim; thence southwesterly 1500 feet to a post at the southwest corner of said claim; thence northwesterly 296.5 feet to the place of beginning.

Dated and posted on the ground this 28th day of July, 1915.

IRON CAP COPPER COMPANY,
By F. A. Woodward,
Its Superintendent.

WITNESS:

Percy H. Bell

Filed and recorded at the request of Alderman
& Elliott on the 29 day of July, A.D.1915, at 30 minutes
past 2 o'clock P.M.

E.T.Stewart, County Recorder.

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

I, E.T.Stewart, County Recorder in and for
the County of Gila, State of Arizona, do hereby certify
that the above and foregoing is a full, true and correct
copy of the Amanded Location Notice of the SEARCH ME
Lode Mining Claim, as the same appears of record in my
office in Book 16, Records of Mines, at page ___; 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 29th
day of July, A.D.1915.

E. T. Stewart
County Recorder.



(4-688.)

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

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

Phoenix, Arizona,

October 16, 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

IRON CAP COPPER COMPANY

, known as the SIDE HILL, HIGH HILL, CORA MAY, BLACK PEAK,

SEARCH ME, situate in GLOBE

Mining District, GILA County,

ARIZONA, in Section s 10 and 15, Township No. 1 N.,

Range No. 15 1/2 E., and designated as Survey

No. 3233, 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 claim^s by claimant or its grantors, and that said improvements consist of 5 shafts, 5 cuts, 1 pit and 10 cut and tunnels, total value \$7285.00

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,

October 16, 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

IRON CAP COPPER COMPANY

known as the

SIDE HILL, HIGH HILL, CORA MAY, BLACK PEAK, SEARCH ME.

situate in GLOBE mining district,

GILA County, ARIZONA.

in Sections 10 and 15, Township No. 1 N., Range No. 15½ E.

designated as Survey No. 3233

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

Surveyor, August 5-10, 1915, under my instructions dated

August 2, 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 Schgall

U. S. Surveyor-General for Arizona.