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AUG. 5-1907

AUG. 19, 1907

(4-683.)

Mineral Survey No. 2448

Lot No. \_\_\_\_\_

Arizona

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Arizona Copper Co.

KNOWN AS THE

Morenci No. 1, Morenci No. 2, Bench No. 1, Bench  
No. 2 and Bench # 4 Placers Copper Mtn. Mining District,

Graham County, Arizona

Section \_\_\_\_\_, Townships 4 & 5 S., Range 29 E., Unsur.

Surveyed under instructions dated July 19<sup>th</sup>, 1907.

by Lamar Cobb, Jr.,  
U. S. Deputy Mineral Surveyor

Claim located see location notices, 1

Survey commenced July 24, 1907.

Survey completed July 31, 1907.

6-123

Address of claimant's attorney:

M. J. Egan,  
Clifton, Arizona.

## SURVEY NO. 2448

Feet

Morenci No. 1 Placer.

Beginning at Cor. No. 1.

Identical with Cor. No. 6 Morenci No. 2 Placer and Cor. No. 5 Bench No. 1 Placer, both of this survey.

A pine post,  $4\frac{1}{2}$  ft. long, 4 ins. square set 1 ft. in the ground to conglomerate bed rock, surrounded by mound of stone, scribed 1-5-6-2448, whence

No bearings available.

The S.W. Cor. T. 4 S. R. 30 E. bears S.  $74^{\circ}53'$  E. 9005.9 ft.

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Thence S.  $64^{\circ}50'$  W.

491 Center Morenci Gulch 150 ft. wide, course from North to Southeast.

660 To Cor. No. 2.

Identical with Cor. No. 3 Bench No. 2 Placer and on line 5-6 Morenci No. 2 Placer.

A pine post,  $4\frac{1}{2}$  ft. long, 4 ins. square, set 1 ft. in ground to bed rock, surrounded by mound of stone, scribed 2-3-2448, whence

No bearings available.

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Thence N.  $25^{\circ}10'$  W.

2486 Center Gulch 50 ft. wide, course from Northwest to Southeast.

2899.5 Cor. No. 4 Bench No. 2 Placer

5631 Cross small gulch, course from West to East.

6629 Cross small gulch, course from West to East.

6750.9 To Cor. No. 3

A pine post,  $4\frac{1}{2}$  ft. long, set 1 ft. in the ground to conglomerate bed rock, surrounded by mound of stone, scribed 3-2448, whence

A cross (x) and B.R. 3-2448 chiseled on quartzite point exposed 18 x 18 ins., 1 ft. high, bears N.  $56^{\circ}34'$  W. 22.9 ft.

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Thence N. 2° 51' E.

1322 Cross gulch, course from Northwest to Southeast.  
2856.3 To Cor. No. 4.

A pine post,  $4\frac{1}{2}$  ft. long, 4 ins. square, set 1 ft. in the ground to bed rock, surrounded by mound of stone, scribed 4-2448, whence

A cross (x) and B.R. 4-2448 chiseled on sandstone point, exposed 2 x 2 ft., 1 ft. high, bears N. 59° 53' W. 23.7 ft.

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Thence N. 46° 30' W.

758.1 To Cor. No. 5

A pine post,  $4\frac{1}{2}$  ft. long, 4 ins. square, set 1 ft. in the ground to bedrock, surrounded by mound of stone, scribed 5-2448, whence

A cross (x) and B.R. 5-2448 chiseled on quartzite boulder, exposed 2 x 3 ft. 3.5 ft. high, bears S. 86° 43' W. 13.3 ft.

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Thence N. 33° 56' E.

546 Cross Morenci Gulch, 100 ft. wide, course from Northwest to Southeast.

665 Morenci Southern R.R. course Northwest and Southeast.

669.1 To Cor. No. 6.

A pine post, 5 ft. long, 4 x 6 ins. set on bed rock, surrounded by mound of stone, scribed 6-2448, whence

A cross (x) and B.R. 6-2448, chiseled on sandstone bluff 4 ft. above railroad track, east side railroad cut.

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Thence S. 46° 30' E.

15 Morenci Southern R.R., course from Northwest to Southeast.  
1173 To Cor. No. 7.

A pine post,  $4\frac{1}{2}$  ft. long, 4 ins. square, set 1 ft. in the ground to bed rock, surrounded by mound of stone, scribed 7-2448, whence

A cross (x) and B.R. 7-2448 chiseled on porphyry

boulder exposed 2 x 3 ft., 18 ins. high, bears S.44°08' E.  
32 ft.

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Thence S. 2° 51' W.

2995 To Cor. No. 8.

A pine post, 4½ ft. long, 4 ins. square, set 18 ins. in the ground, surrounded by mound of stone, scribed 8-2448, whence

A cross (x) and B.R. 8-2448 chiseled on quartzite boulder exposed 1½ x 3 ft., 1 ft. high, bears S. 40°17' E. 30.6 ft.

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Thence S. 25°10' E.

4495.7 Cor. No. 4 Bench No. 1 Placer, of this survey.

6586.3 To Cor. No. 1, the place of beginning.

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Morenci No. 2 Placer.

Beginning at Cor. No. 1

Identical with Cor. No. 6 Bench No. 1 Placer of this survey.

A pine post, 4½ ft. long, 4 ins. square, set 9 ins. in the ground to bed rock, surrounded by mound of stone, scribed 1-6-2448, whence

No bearings available.

The S.W. Cor. T. 4 S., R. 30 E. bears N. 80°44' E.  
8707.5 ft.

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Thence S. 18° 17' E.

2176 Cross gulch 150 ft. wide course from North to South.

2859 Cor. No. 7 Bench No. 1 and Cor. No. 2 Bench # 4 Placers, of this survey.

4395.1 To Cor. No. 2

Identical with Cor. No. 3 Bench # 4 Placer, of this survey.

A pine post, 4½ ft. long, 4 ins. square, set 6 ins. in the ground, surrounded by mound of stone, scribed 2-3-2448,

No bearings available.

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Thence S.  $71^{\circ} 43'$  W.

40 Center Morenci Gulch 50 ft. wide, course from Northwest to Southeast.

862 To Cor. No. 3

Identical with Cor. No. 4 Bench # 4 Placer of this survey.

A pine post,  $4\frac{1}{2}$  ft. long, 4 ins. square, set 1 ft. in the ground to bed rock, surrounded by mound of stone, scribed 3-4-2448,

No bearings available.

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Thence N.  $18^{\circ} 17'$  W.

873 Center of gulch, course from West to East.

1471 Center of gulch, course from West to East

2066.5 Cor. No. 10, Bench No. 2 Placer, of this survey.

2240 Center of Gulch, 100 ft. wide, course from Northwest to Southeast.

4521.9 To Cor. No. 4

In gulch 40 ft. wide, course from Northwest to Southeast.

Identical with Cor. No. 1, Bench No. 2 Placer, of this survey.

A pine post,  $4\frac{1}{2}$  ft. long, 4 ins. square, set 18 ins. in the ground, surrounded by mound of stone, scribed 4-1-2448,

No bearings available.

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Thence N.  $1^{\circ} 32'$  W.

1150 Cross gulch, course from Northwest to Southeast.

3400 Center of gulch 50 ft. wide, course from Northwest to Southeast.

3501.6 To Cor. No. 5

Identical with Cor. No. 2 Bench No. 2 Placer, of this survey.

A pine post,  $4\frac{1}{2}$  ft. long, 4 ins. square, set 18 ins. in the ground, surrounded by mound of stone, scribed

5-2-2448.

No bearings available.

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Thence N. 64°50' E.

280.9 Cor. No. 2 Morenci No. 1 Placer and Cor. No. 3 Bench No. 2 Placer, both of this survey.

491 Center of Morenci Gulch, 150 ft. wide, course from Northwest to Southeast.

940.9 To Cor. No. 6

Identical with Cor. No. 1 Morenci No. 1 Placer and Cor. No. 5 Bench No. 1 Placer, both of this survey.

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Thence S. 1°32' E.

80 Center of gulch, 100 ft. wide, course from Northeast to Southwest.

3752 To Corner No. 1, the place of beginning.

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Bench No. 1 Placer.

Beginning at Cor. No. 1

A pine post, 4½ ft. long, 4 ins. square, set 1 ft. in the ground to bed rock, surrounded by mound of stone, scribed 1-2448,

No bearings available.

The S.W. Cor. T. 4 S. R. 30 E. bears N. 80°48' E. 7907 ft.

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Thence N. 1°32' W.

560 Cross gulch, course from Northwest to South.

1571 Cross gulch, course from Northwest to Southeast.

3700 Cross gulch, course from Northeast to Southwest.

3801.2 To Cor. No. 2,

A pine post, 4½ ft. long, 4 ins. square, set 1 ft. in the ground to bed rock, surrounded by mound of stone, scribed 2-2448,

No bearings available.

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Thence N. 25°10' W.

2256.3 To Cor. No. 3

A pine post, 4½ ft. long, 4 ins. square, set 9 ins. in the ground to bed rock, surrounded by mound of stone, scribed 3-2448,

No bearings available.

Thence S. 64° 50' W.

792 To Cor. No. 4

On line 8-1 Morenci No. 1 Placer, of this survey.

A pine post, 4½ ft. long, 4 ins. square, set 1 ft. in the ground to bed rock, surrounded by mound of stone, scribed 4-2448, whence

A cross (x) and B.R. 4-2448, chiseled on quartzite boulder exposed 2 x 2.5 ft., 1 ft. high, bears S. 38° 50' W. 18.8 ft.

Thence S. 25°10' E.

2090.6 To Cor. No. 5

Identical with Cor. No. 1, Morenci No. 1 Placer and Cor. No. 6 Morenci No. 2 Placer, both of this survey.

Thence S. 1°32' E.

80 Center of gulch, 100 ft. wide, course from Northeast to Southwest.

3752 To Cor. No. 6.

Identical with Cor. No. 1, Morenci No. 2 Placer, of this survey.

Thence S. 18°17' E.

2176 Center of gulch, 150 ft. wide, course from North to South.

2859 To Cor. No. 7

On line 1-2 Morenci No. 2 Placer of this survey.

Identical with Cor. No. 2 Bench #4 Placer, of this survey.



A pine post, 4½ ft. long, 4 ins. square, set 12 ins. in the ground to bed rock, surrounded by mound of stone, scribed 7-2-2448.

No bearings available.

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Thence N. 71°43' E.

792 To Cor.No. 8

Identical with Cor. No. 1, Bench #4 Placer, of this survey.

A pine post, 4½ ft. long, 4 ins. square, set 6 ins. in the ground to bed rock, surrounded by mound of stone, scribed 8-1-2448,

No bearings available.

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Thence N. 18°17' W.

2240 Cross gulch, course from North to Southwest.

2720 Cross gulch, course from North to South.

2742.5 To Cor. No. 1, the place of beginning.

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Bench No. 2 Placer

Beginning at Cor. No. 1

In gulch 40 ft. wide, course from Northwest to Southeast.

Identical with Cor. No. 4 Morenci No. 2 Placer, of this survey, whence

The S.W. Cor. T. 4 S., R. 50 E. bears N. 80° 41' E. 9578.6 ft.

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Thence N. 1° 32' W.

1150 Cross gulch, course from Northwest to Southeast.

3400 Center gulch, 50 ft. wide, course from Northwest to Southeast.

3501.6 To Cor. No. 2

Identical with Cor. No. 5 Morenci No. 2 Placer, of this survey.

Thence N. 64°50' E.

280.9 To Cor. No. 3

Identical with Cor. No. 2 Morenci No. 1 Placer, of this survey.

Thence N. 25° 10' W.

2486 Center gulch, 50 ft. wide, course from Northwest to Southeast.

2899.5 To Cor. No. 4

A pine post, 4½ ft. long, 4 ins. square, set 1 ft. in the ground to bed rock, surrounded by mound of stone, scribed 4-2448,

No bearings available.

Thence S. 64° 50' W.

792 To Cor. No. 5

In gulch, 50 ft. wide, course from Northwest to Southeast.

A pine post, 4½ ft. long, 4 ins. square, set 18 ins. in the ground, surrounded by mound of stone, scribed 5-2448,

No bearings available.

Thence S. 25°10' E.

650 Cross gulch, course from Northwest to Southeast.

2899.5 To Cor. No. 6

A pine post, 4½ ft. long, 4 ins. square, set 1 ft. in the ground to bed rock, surrounded by mound of stone, scribed 6-2448, whence

A cross (x) and B.R. 6-2448 chiseled on sandstone boulder exposed 2 x 2.5 ft. ., 1 ft. high, bears N. 17°30' W. 54.3 ft.

Thence S. 64° 50' W.

353.4 To Cor. No. 7

A pine post, 4½ ft. long, 4 ins. square, set 1 ft. in the ground to bed rock, surrounded by mound of stone, scribed 7-2448,

No bearings available.

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Thence S.  $1^{\circ}32'$  E.

2539 Center of gulch, 150 ft. wide, course from Northwest to Southeast.

3271.5 To Cor. No. 8

A pine post,  $4\frac{1}{2}$  ft. long, 4 ins. square, set 18 ins. in the ground, surrounded by mound of stone, scribed 8-2448,

No bearings available.

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Thence S.  $18^{\circ}17'$  E.

200 Center gulch, 50 ft. wide, course from Northwest to Southeast.

1000 Gulch, course Northwest to Southeast.

2572.1 To Cor. No. 9

A pine post,  $4\frac{1}{2}$  ft. long, 4 ins. square, set 18 ins. in the ground, surrounded by mound of stone, scribed 9-2448,

No bearings available.

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Thence N.  $71^{\circ}43'$  E.

792 To Cor. No. 10

A pine post,  $4\frac{1}{2}$  ft. long, 4 ins. square, set 18 ins. in the ground, surrounded by mound of stone, scribed 10-2448,

No bearings available.

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Thence N.  $18^{\circ}17'$  W.

173 Center gulch, 100 ft. wide, course from Northwest to Southeast.

2455.4 To Cor. No. 1, the place of beginning.

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Bench #4 Placer

Beginning at Cor. No. 1

Identical with Cor. No. 8 Bench No. 1 Placer, of this survey, whence

The S.W. Cor. T. 4 S., R. 30 E. bears N. 60°53' E.  
7949.5 ft.

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Thence S. 71° 43' W.

792 To Cor. No. 2

Identical with Cor.No. 7 Bench No. 1 Placer, of this  
survey.

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Thence S. 18°17' E.

1536.2 To Cor. No. 3

Identical with Cor. No. 2 Morenci No. 2 Placer, of this  
survey.

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Thence S. 71°43' W.

40 Center Morenci gulch, 50 ft. wide, course from Northwest  
to Southeast.

862 To Cor. No. 4

Identical with Cor. No. 3 Morenci No. 2 Placer, of  
this survey.

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Thence S. 18° 17' E.

1840 Cross gulch, course from North to South

2381 Enter Canyon of the San Francisco River

2820 Leave Canyon of the San Francisco River.

3356.7 To Cor. No. 5

A pine post, 4½ ft. long, 4 ins. square, set on bed  
rock, surrounded by mound of stone, scribed 5-2448,  
No bearings available.

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Thence N. 71°43' E.

180 Enter Canyon of the San Francisco River.

440 Leave Canyon of the San Francisco River,

1580 Cross gulch, course from North to South.

1654 To Cor. No. 6.

A pine post, 4½ ft. long, 4 ins. square, set on bed

rock, surrounded by mound of stone, scribed 6-2448,  
whence

No bearings available.

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Thence N. 18°17' W.

- 200 Cross gulch, course from Northeast to Southwest.
- 900 Cross gulch, course from Northeast to Southwest.
- 4892.9 To Cor. No. 1, the place of beginning.

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Variation at all corners 12°45' E.

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The Surveys of all the Placers in this Claim are identical with their respective locations.

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- A R E A -

Total and Net Area Morenci No. 1 Placer	159.982 Acres
Total and Net Area Morenci No. 2 Placer	159.994 "
Total and Net Area Bench No. 1 Placer	159.105 "
Total and Net Area Bench No. 2 Placer	160.000 "
Total and Net Area Bench #4 Placer	<u>155.386</u> <sup>7</sup> "
Net Area Placer Claim	794.467 <sup>8</sup> "

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Location.

This Claim is located in the S.E.  $\frac{1}{4}$  Sec. 22, E.  $\frac{1}{2}$  Sec. 27, N.E.  $\frac{1}{4}$  Sec. 34 and W.  $\frac{1}{2}$  Sec. 35, T. 4 S., R. 29 E. and Sec. 2 and 11, T. 5 S., R. 29 E., of the G. & S. R. B. & M. unsurveyed.

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Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimants or their grantors is not less than five hundred dollars for each location, and that said improvements consist of:

## MORENCI NO. 1 PLACER

No. 1 The discovery cut which bears from Cor. No. 2 N. 9°04' E. 1047 ft., 3½ x 5½ ft. 2½ ft. face.

Value \$5.00

No. 2 An open cut which bears from Cor. No. 2 N. 37°30' E. 637 ft., 4½ x 11½ ft., 9 ft. face

Value \$ 20.00

No. 3 Dam No. 1, the center of which bears from a point on line 2-3, 5355 ft. from Cor. No. 2, N. 70°40' E. 397 ft., 50 ft. base, 3 ft. on top, 25 ft. high, and 100 ft. long, built of earth, course S. 78° E.

Value \$1002.00

An undivided one fifth interest in this improvement, value \$200.40 to be credited to each of the five placers in this claim.

No. 4 Dam No. 2, the center of which bears from a point on line 2-3, 4664 ft. from Cor. No. 2, N. 60°50' E. 159.5 ft., 40 ft. base, 5 ft. on top, 20 ft. high, and 85 ft. long.

Value \$560.00

An undivided one-fifth interest in this improvement, value \$112.00 to be credited to each of the five placers in this claim.

No. 5 Dam No. 3, the center of which bears from a point on line 2-3, 3241 ft. from Cor. No. 2, N. 47°26' E. 384 ft., 50 ft. on bottom, 7 ft. on top, 18 ft. high and 80 ft. long.

Value \$610.00

An undivided one-fifth interest in this improvement, value \$122.00 to be credited to each of the five placers in this claim.

## MORENCI NO. 2 PLACER.

No. 1 The discovery cut, which bears from <sup>Cor No. 2</sup> Morenci No. 1 Placer, on line 5-6, 280.9 ft. from Cor. No. 5, S. 56° E. 258 ft., 4 x 6 ft., 2½ ft. face.

Value \$5.00

No. 2 A shaft, which bears from Cor. No. 6 S. 50°11' W. 214 ft., 4.2 x 6.3 ft., 10.3 ft. deep.

Value \$20.00

No. 3 A tunnel, the face of which bears from Cor. No. 1, N. 20°16' W. 1980 ft., 4½ x 5 ft., 5 ft. long, running West in conglomerate bluff.

Value \$10.00

No. 4 Dam No. 4, a partially constructed stone dam, the center of which bears from Cor. No. 1, N. 15° 28' W. 2047 ft., 20 ft. wide, 4½ ft. high, 85 ft. long, course N. 48° W.

Value \$590.00

An undivided one-fifth interest in this improvement, value \$118.00 to be credited to each of the five placers in this claim.

BENCH NO. 1 PLACER

No. 1 The discovery cut which bears from Cor. No. 4 S. 72°15' E. 346 ft., 4 x 4 ft., 3½ ft. face.

Value \$5.00

No. 2 A shaft, 4 ft. wide, 10 ft. long, 6 ft. deep, the center of which bears from Cor. No. 5, N. 59°43' E. 365 ft.

Value \$20.00

BENCH NO. 2 PLACER.

No. 1 The discovery cut which bears from Cor. No. 2, N. 22°57' W. 649 ft., 3.8 x 5.5 ft. face.

Value \$5.00

No. 2 A shaft which bears from Cor. No. 2 N. 45°40' W. 187 ft., 4.8 x 10.5 ft., 5 ft. deep.

Value \$20.00

BENCH #4 PLACER.

No. 1 The discovery shaft which bears from Cor. No. 3, S. 31°27' E. 864 ft., 4 x 10.5 ft., 6 ft. deep.

Value \$20.00

This claim is located upon Morenci Gulch which heads one and one-half miles away at the ore concentrating plant of the claimant, from which plant there is flowing into the said gulch from 200 to 250 gallons per minute of waste water which runs directly to this claim. The dams Nos. 1, 2 & 3, described and included in the estimate of expenditure are impounding and settling or clarifying this water which can then be utilized for placer mining purposes on all the placers in this claim. The stone dam on the Morenci No. 2 Placer is being constructed for the same purpose.

Note:

Dams Nos. 1 and 2 both have breaks in them which can be easily repaired.

Instrument

This survey was made with a Gurley and a Berger Light Mountain Transits. The courses were deflected from the true meridian as determined by Polaris observations. The distances were measured with 6 ft., 50 ft., and 500 ft. steel tapes.

Note:

The disagreements between these field notes and the location certificates are due to errors in the latter.

Adjoining Claims.

This claim is bounded on the North by the Canon lode, *unsurveyed*, Detroit Copper Mining Company, Claimant, and by public lands: on the West and South by public lands, and on the East by the New York, Chicago and Pittsburg Placers, Detroit Copper Mining Company, Claimant, and the Stevens Nos. 9, 10 and 11 Placers, *all surveyed*, J. R. Hampton, Wade Hampton, L. M. Layton, Paul Carey, Walter Seigel, Frank B. Laine, W. J. Riley, and George Carlton, Claimants.



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

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## DEPARTMENT OF THE INTERIOR

Office of U. S. Surveyor General,

Phoenix, Arizona, October 7, 1907.

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 The Arizona Copper Co., known as the Morenci No. 1, Morenci No. 2, Bench No. 1, Bench No. 2 and Bench #4 Placers, situate in Copper Mountain Mining District, Graham County, Arizona, in Townships No. 4 & 5 S., Range No. 29 E., Unsur. and designated as Survey No. 2448, 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 not less than five hundred dollars' worth of labor has been expended or improvements made upon the Morenci No. 1 Placer, consisting of discovery cut, open cut and three dams, total value \$2197, also that not less than five hundred dollars' worth of labor has been expended or improvements made upon the Morenci No. 2 placer, consisting of discovery cut, 1 shaft, 1 tunnel and 1 dam, total value \$625, and that less than five hundred dollars' has been expended upon the Bench No. 1, Bench No. 2, and Bench #4 placer claims, the credit of a portion of the value of the dams built on the Morenci No. 1 and Morenci No. 2 Placers to the other claims of the survey, not being allowed.

If the claimant can make a further showing that the dams located on the Morenci No. 1 and the Morenci No. 2 placer claims are for the legitimate development of the Bench No. 1, Bench No. 2 and Bench #4 placer claims, or if they should do the necessary amount of work upon these claims before the expiration of the period of publication of notice of application for patent, a further certificate will be issued as to the sufficient amount of work upon all the claims of the survey. And I further certify 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.

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

I, Lamar Cobb Jr., U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 19<sup>th</sup>, 1907, 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 The Arizona Copper Co., known as the Morenci No. 1, Morenci No. 2, Bench No. 1, Bench No. 2, & Bench No. 4 Places situate in Copper Mountain Mining District, Graham County, Arizona, in Section \_\_\_\_\_, Township No. 4 & 5 S, Range No. 29 E, unsurveyed, and designated as Survey No. 2448, 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.

Lamar Cobb Jr.

U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Lamar Cobb Jr.

U. S. Deputy Mineral Surveyor, before me Franc B. Blaine

or Notary Public, this 3<sup>d</sup>

day of August 1907.

Franc B. Blaine  
Notary Public.

## NOTICE OF MINING LOCATION. PLACER CLAIM.

TO ALL WHOM IT MAY CONCERN: This Placer Mining claim, the name which is the BENCH#4 Placer Mining Claim, situate on lands belonging to the United States of America, and being a form of valuable mineral deposit other than in veins or lodes of quartz or other rock in place, was entered upon and located for the purpose of exploration and purchase by Geo.Fraser, Archie Morrison, C.W.Beck, Dave Clark, A.K. Minson, Walter B.Foote, J.G.Cooper, E.M.Williams, the undersigned on the 21st day of May, 1907.

We claim 160 acres thereof, and have marked the same on the ground as follows: Beginning at Cor #1( the Northeast Cor.)Whence the Southwest Cor. to T.4 S. R. 30 bears N. 60°52' E. 7950.2 ft; thence S. 71°43' W. 792 ft. to Cor #2; thence S.18° 17' E. 1536.2 ft to Cor #3; thence S. 71° 43' W. 862 ft to Cor #4( the Northwest cor.)thence S 18° 17' E. 3356.7 ft to Cor.#5( the Southwest cor); thence N. 71° 43' E. 1654 ft to Cor #6( the Southeast cor); thence N. 18° 17' W. 4892 ft to the place of beginning. This notice is posted at Cor #3., containing 160 acres all in Copper Mountain Mining District, in the County of Graham, Territory of Arizona.

All done under the provisions of Chapter Six, of Title XXXII of the Revised Statutes of the United States, and of An Act of the General Assembly of the Territory of Arizona" entitled " An Act to Codify and Revise the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 21st day of May, 1907.

Geo.Fraser,	Archie Morrison,
C W.Beck,	Dave Clark,
A.K.Minson,	Walter B.Foote,
J.G.Cooper,	E.M.Williams,

Filed and recorded at request of L.Cobb, July 13th 1907 at 9 o'clock A.M.

Mit Simms, County Recorder, By L.Simms,  
Deputy Recorder.

TERRITORY OF ARIZONA,) (ss  
 County of Graham. )

I, MIE SIDES, County Recorder in and for the County of Graham, Territory of Arizona, do hereby certify that the within and following( consisting of one page besides this one) is a true, full and correct copy of the within mentioned NOTICE OF LOCATION of \_\_\_\_\_  
Bunch # 4 Placer Claim, as the same appears of record in the office of the County Recorder of Graham County, Territory of Arizona, and I further certify that the same is recorded in Book 16 of Record of Mines, at page 218.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official Seal, this the 13th day of July, A.D. 1907.

Mie Sides  
 County Recorder in and for Graham  
 County, Arizona.

## NOTICE OF MINING LOCATION, PLACER CLAIM.

TO ALL WHOM IT MAY CONCERN: This Placer Mining claim, the name of which is the MORENCI No.1 Placer Mining claim, situate on lands belonging to the United States of America, and being a form of valuable mineral deposit other than in veins or lodes of quartz or other rock in place, was entered upon and located for the purposes of exploration and purchase by J.R.Hampton, Wade Hampton, Walter Seigal, J.G.Cooper, the undersigned on the 30 day of June, 1904. We claim 160 acres thereof, and have marked the same on the ground as follows:

Beginning at corner No.1 where this notice is posted( whence the S.W. cor T.4. S.R. 30 E. bears S. 74° 43' E. 8999 ft) thence S. 64° 50' W.660 ft. to Cor.No.2;thence N. 25° 10' W. 6750.9 ft to cor. No.3 thence N.2° 51' E. 2856.3 ft to Cor No.4;thence N. 46°30' W. 758.4 ft to cor. No.5; thence N. 33° 56' E. 669.3 feet to Cor No.6; thence S. 46° 30' E.1173 feet to Cor No.7; thence S. 2° 51' W. 2995 feet to cor No.8; thence S. 25° 10' E. 6586.3 feet to place of beginning, containing 160 acres all in Copper Mountain Mining District, in the County of Graham, in the Territory of Arizona.

All done under the provisions of Chapter Six, of Title XXXII of the Revised Statutes of the United States and of an Act of the General Assembly of Arizona, entitled " An Act Concerning Mines, approved March 20th, 1895 and the Act Amendatory thereof, approved March 2d, 1899.

Dated and posted on the ground this 30 day of June,1904.

J.G.Cooper,  
H.W.Horn,  
A.C.Gilliam,  
T.A.Balmer,

J.A.Herron,  
J.R.Hampton,  
Wade Hampton,  
Walter Seigal.

Filed and recorded at request of John R.Hampton, July 13th 1904 at 9 A.M.

Wit Simms, County Recorder, By L.Simms, Deputy Recorder.

TERRITORY OF ARIZONA,) (ss  
 County of Graham. )

I, MIT SIMMS, County Recorder in and for the County of Graham, Territory of Arizona, do hereby certify that the within and following( consisting of one page besides this one) is a true, full and correct copy of the within mentioned NOTICE OF LOCATION of \_\_\_\_\_  
Morenci #1 Placer Claim, as the same appears of record in the office of the County Recorder of Graham County, Territory of Arizona, and I further certify that the same is recorded in Book 16 of Record of Mines, at page 72.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official Seal, this the 13th day of July, A.D.1907.

Mit Simms  
 County Recorder in and for Graham  
 County, Arizona.

## NOTICE OF MINING LOCATION. PLACER CLAIM.

TO ALL WHOM IT MAY CONCERN: This Placer Mining claim, the name of which is the BENCH NO.1 Placer Mining claim, situate on lands belonging to the United States of America, and being a form of valuable mineral deposit, other than in veins or lodes of quartz or other rock in place, was entered upon and located for the purposes of exploration and purchase by E.M.Williams, George Fraser, Archd. Morrison, David Clark, Jno.I.Widener, G.H.Dudley, R.K.Minson and Walter B.Foote the undersigned on the ... day of January 1906. We claim 160 acres thereof and have marked the same on the ground as follows; Beginning at Cor.No.1 where this notice is posted( whence the SW cor T. 4 S. R. 30 E. bears  $74^{\circ} 43'$  E. 8999 ft.) thence S  $1^{\circ} 32'$  E. 5752 ft to cor. No.2; thence S.  $18^{\circ} 17'$  E. 2859 ft to cor No.3; thence N.  $71^{\circ} 43'$  E. 792 ft. to cor.No.4 thence N.  $18^{\circ} 17'$  W. 2742.5 ft to cor. No.5; thence N.  $1^{\circ} 31'$  W. 3801.2 ft to cor. No.6; thence N.  $25^{\circ} 10'$  W. 2256.3 ft to cor. No.7; thence S.  $64^{\circ} 50'$  W. 792 ft to cor No.8; thence S  $25^{\circ} 10'$  E. 2090.6 ft to place of beginning, containing 160 acres all in Copper Mountain Mining District, in the County of Graham, in the Territory of Arizona.

All done under the provisions of Chapter Six, of Title XXXII of the Revised Statutes of the United States and of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines" approved March 20th 1895 and the act amendatory thereof approved March 2d, 1899.

Dated and posted on the ground this 5th day of January, 1906.

E.M.Williams,  
R.K.Minson,  
George Fraser,  
David Clark,

Jno.I.Widener,  
G.H.Dudley,  
Archd.Morrison,  
Walter B.Foote;

Filed and recorded at request of A.T.Thomson, Jan 17th 1906 at 9 A M.

Hit Simms, County Recorder,

By L. Simms, Deputy Recorder.



TERRITORY OF ARIZONA,) (ss  
 County of Graham. )

I, MIT SIMMS, County Recorder in and for the County of Graham, Territory of Arizona, do hereby certify that the within and following( consisting of one page besides this one) is a true, full and correct copy of the within mentioned NOTICE OF LOCATION of \_\_\_\_\_  
Bench # 1 Placer Claim, as the same appears of record in the office of the County Recorder of Graham County, Territory of Arizona, and I further certify that the same is recorded in Book 16 of Record of Mines, at page 127.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official Seal, this the 13th day of July, A.D.1907.

Mit Simms  
 County Recorder in and for Graham  
 County, Arizona.

## NOTICE OF MINING LOCATION, PLACER CLAIM.

TO ALL WHOM IT MAY CONCERN: This Placer Mining claim, the name of which is the MORENCI NO.2 Placer mining claim, situate on lands belonging to the United States of America, and being a form of valuable mineral deposit, other than in veins or lodes of quartz or other rock in place, was entered upon and located for the purpose of exploration and purchase by J.A.Herron, J.R.Hampton, Wade Hampton, Walter Seigal, J.G.Cooper, H.W.Horn, A.C.Gillam, and T.A.Balmer, the undersigned, on the 30th day of June, 1904.

We claim 160 acres thereof, and have marked the same on the ground as follows: Beginning at Cor No.1 where this notice is posted; (Whence the SW. cor T.4 S.R.30 E. bears S. 74° 43' E. 8999 ft) thence S. 1° 32' E. 3752 ft to cor. No.2; thence S. 18° 17' E. 4395.2 ft to cor. No.3; thence S. 71° 43' W. 862 feet to Cor No.4; thence N. 18° 17' W. 4522 feet to Cor No.5; thence N.1° 32' W. 3501.6 feet to Cor. No.6; thence N! 64° 50' E. 940.9 feet to place of beginning, containing 160 acres, all in Copper Mountain Mining District, in the County of Graham, in the Territory of Arizona.

All done under the provisions of Chapter Six, of Title XXXIII, of the Revised Statutes of the United States and of an Act of the General Assembly of Arizona entitled " An Act Concerning Mines, approved March 20th 1895 and the act Amendatory thereof, approved March 2d 1899.

Dated and posted on the ground this 30 day of June, 1904.

J.G.Cooper,	J.A.Herron,
H.W.Horn,	J.R.Hampton,
A.C.Gillam,	Wade Hampton
T.A.Balmer,	Walter Seigal,

Filed and recorded at request of John R.Hampton, July 18th 1904 at 9 A.M., Book 16, Page 72.

Mit Simms, County Recorder, By L.Simms, Deputy Recorder

TERRITORY OF ARIZONA,)   
 County of Graham. ) (ss

I, MIT SIMMS, County Recorder in and for the County of Graham, Territory of Arizona, do hereby certify that the within and following( consisting of one page besides this one) is a true, full and correct copy of the within mentioned NOTICE OF LOCATION of \_\_\_\_\_ Mornci # 21 Placer Claim, as the same appears of record in the office of the County Recorder of Graham County, Territory of Arizona, and I further certify that the same is recorded in Book 16 of Record of Mines, at page 72.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official Seal, this the 13th day of July, A.D.1907.

Mit Simms   
 County Recorder in and for Graham   
 County, Arizona.

## NOTICE OF MINING LOCATION, PLACER CLAIM

TO ALL WHOM IT MAY CONCERN: This Placer Mining claim, the name of which is the BENCH NO.2 Placer Mining claim, situate on lands belonging to the United States of America, and being a form of valuable mineral deposit other than in veins or lodes of quartz or other rock in place, was entered upon and located for the purposes of exploration and purchase by E.H.Williams, George Fraser, Archd.Morrison, David Clark, Jno. I.Widener, G.H.Dudley, R.K.Minson, and Walter B.Foote the undersigned on the ....day of January 1906. We claim 160 acres thereof, and have marked the same on the ground as follows; Beginning at Cor. No.1 where this notice is posted;whence the SW cor.T.4 S.R.30 E. bears N. 87° 53' E. 9476 ft; thence N.1° 32' W.2320.4 ft to cor. No.2; thence N. 64°50' E. 280.9 ft to cor. No.3;thence N.25°10' W. 2426.1 ft to cor. No.4 thence S. 64° 50' W. 792 ft. to cor. No.5; thence S. 25\_\_10\_\_ E. 2426.1 ft to cor. No.6; thence S. 64° 50' W. 353.4 ft to cor. No.7; thence S. 1° 32' E. 3271.5 ft to cor No.8 thence S. 18° 17' E. 3102.3 ft to cor No.9; thence N. 71° 43' E. 792 ft. to Cor. No.10; thence N. 18° 17' W. 2985.8 ft to cor. No.11;thence N. 1° 32' W.1181.2 ft. to place of beginning, containing 160 acres, all in Copper Mountain Mining District, in the County of Graham,in the Territory of Arizona.

All done under the provisions of Chapter Six, of Title XXXII of the Revised Statutes of the United States and of an act of the General Assembly of Arizona, entitled " An Act Concerning Mines, approved March 20th 1895 and the Act amendatory thereof, approved March 2d,1899.

Dated and posted on the ground this 5th day of January,1906.

E.H.Williams,  
George Fraser,  
Archd.Morrison,  
David Clark,

Jno.I.Widener,  
G.H.Dudley,  
R.K.Minson,  
Walter B.Foote,

Filed and recorded at request of A.T.Thomson,Jan 17th 1906 at 9 A.M.

Mit Simms,County Recorder, By L.Simms, Deputy Recorder.

TERRITORY OF ARIZONA,) (SS  
County of Graham. )

I, MIT SIMMS, County Recorder in and for the County of Graham, Territory of Arizona, do hereby certify that the within and following( consisting of one page besides this one) is a true, full and correct copy of the within mentioned NOTICE OF LOCATION of \_\_\_\_\_  
Bench #2 Placer Claim, as the same appears of record in the office of the County Recorder of Graham County, Territory of Arizona, and I further certify that the same is recorded in Book 16 of Record of Mines, at page 127.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official Seal, this the 15th day of July, A.D.1907.

Mit Simms  
County Recorder in and for Graham  
County, 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 7, 1907 .

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

The Arizona Copper Co.

....., known as the Morenci No. 1, Morenci No. 2, Bench No. 1, Bench No. 2, and Bench #4 Placers situate in Copper Mountain mining district,

Graham County, Arizona,

in Section ....., Township No. 4 & 5 S, Range No. 29 E., Unsurveyed ....., designated as Survey No. 2443

executed by Lamar Cobb, Jr., U. S. Deputy Mineral Surveyor, July 24 - 31, 1907 , under my instructions dated

July 19, 1907 , have been critically examined and the necessary corrections and explanations made, and the said Field Notes and Return, and

the Survey they describe, are hereby approved. A true copy of the copy of the location certificate filed by the applicant for survey is included in the field notes.



U. S. Surveyor General for Arizona.

**MISSING**

**PAGE(S)**

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (942)  
BUREAU OF LAND MANAGEMENT M.S. 2448  
ARIZONA STATE OFFICE

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NOTICE OF CANCELLATION OF MINERAL SURVEY

The Morenci No 1, Morenci No 2, Bench No 1, Bench No 2 and Bench No 4 Placers, located in Townships 4 and 5 South, Range 29 East, Gila and Salt River Meridian, Arizona, are hereby canceled. As of this date, this notice of cancellation will become part of the field notes for Mineral Survey No. 2448, page 31.

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

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Morenci No 1, Morenci No 2, Bench No 1, Bench No 2 and Bench No 4 Placers, M.S. 2448 was canceled May 13, 1996, by memo 9605 (942) M.S. 2448 which is now a part of the original field notes."

May 13, 1996  
Date

  
\_\_\_\_\_  
Acting Chief Cadastral Surveyor of Arizona



MAR 19