

SEP. 12 1910

10-21-10.

F. L.

(4-683.)

Mineral Survey No. 2858

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Arizona Copper Company,

KNOWN AS THE

Rambler, Fair View, Bacon Rind, Maveric, Copper Bar, Copper Pig, Senator, and Congress.

Copper Mountain Mining District,

Graham County, Arizona. Approx

Sections 19 and 20 Un., Township 4 S., Range 29 E.,

Surveyed under instructions dated August 29, 1910.

by Lamar Cobb
U. S. Deputy Mineral Surveyor

Claim located see location notices 1

Survey commenced August 31, 1910

Survey completed Sept. 8, 1910

6-100

Address:

J.R. Hampton, Attorney for Claimant,

Clifton, Arizona.

feet

Survey No. 2858

Rambler lode

Beginning at Cor. No. 1.

Identical with Cor. No. 2 Senator lode, of this survey.

A pine post, in place, 4x6 ins., 3.5 ft. above ground,
with mound of stone, scribed S2, R1-2858, whence

Across (X) and B.R. 2-1-2858 chiseled on shale bed
rock, 2x4 ft., facing South, bears S.78°36'E., 43.1 ft.

U.S.L.M. No. 1764 bears S.52°53'W., 2758.7 ft.

Thence N. 13°49' W.

317.3 End center of the location and lode.

319.1 To Cor. No. 2.

A pine post, in place, 4x6 ins., 3.5 ft. above ground,
with mound of stone, scribed R2-2858, whence

Across (X) and B.R. 2-2858, chiseled on porphyry bed
rock, 2x4 ft., faces Northwest, bears S.10°36'E., 15.1 ft.

Thence N.10°36'W.

300.9 To Cor. No. 3.

A pine post, in place, 4x6 ins., 3.5 ft. above ground,
with mound of stone, scribed R3-2858.

No bearings available.

Thence N.58°51'E.

1083.7 To Cor. No. 4.

On line 4-1, Fairview lode, of this survey.

Identical with Cor. No. 2, Maveric lode, of this survey.

A pine post, in place, 4 ins. square, 3.5 ft. above
ground, scribed M2, R4-2858, whence

Across (X) and B.R. 2-4-2858, chiseled on granite por-
phyry bed rock, exposed 2x2 ft., facing East, bears
S.46°55'E., 41.5 ft.

Thence S.13°49'E.

261.85 End center of the location and lode.

feet

579.15 To Cor. No. 5.

A pine post, in place, 4 ins. square, 3.5 ft. above ground, with mound of stone, scribed R5-2858.

No bearings available.

Thence S.57°08'W.

61.4 Cors. No. 1,2,3, Maveric, Congress and Senator lodes, respectively, of this survey.

1112.3 To Cor. No. 1, the place of beginning.

Fairview lode

Beginning at Cor. No. 1.

A pine post, in place, 4x6 ins., 3.5 ft. above ground, with mound of stone, scribed F1-2858, whence

Across (X) and B.R. 1-2858, chiseled on quartz bed rock, exposed 4x8 ft., bears N.49°10'W. 164 ft.

U.S.L.M.No.1764 bears S.45°19'W. 3925.6 ft.

Thence N.12°09'W.

70. Road, course from East to West.

90. Gulch, course from East to West.

275. Gulch, course from Northeast to Southwest.

300.5 End center of the location and lode.

601.1 To Cor. No. 2.

A pine post, in place, 4x6 ins., 3.5 ft. above ground, scribed F2-2858.

No bearings available.

Thence N.71°06'E.

250. Gulch, course from Northeast to Southwest.

1489. To Cor. No. 3.

Identical with Cor. No. 2, Bacon Rind lode, of this survey.

A pine post, in place, 4x6 ins., 3.5 ft. above ground, with mound of stone, scribed B.R.2-F3-2858, whence

Across (X) and B.R.2-5-2858, chiseled on quartz por-

feet

phyry bed rock, 2x3 ft., facing South, bears N.26°40'E.,
11 ft.

Thence S. 12°09'E.

108. Gulch, course from Northeast to Southwest.

300.5 End center of the location and lode.

576. Gulch, course from Northeast to Southwest.

601. To Cor. No. 4.

Identical with Cor. No. 1, Bacon Rind lode, of this
survey.

On line 2-3, Maveric lode, of this survey.

A pine post, in place, 4 ins. square, 3.5 ft. above
ground, with mound of stone, scribed B.R.1, F.4-2858.

No bearings available.

Thence S. 71° 06'W.

125. Gulch, course from Northeast to Southwest.

984. Gulch, course from Northeast to Southwest.

974.5 Gulch, course from East to West.

1152.5 Gulch, course from East to West.

1182.5 Road, course from East to West.

1272.5 Cors. Nos. 2-4, Maveric and Rambler lodes, of this survey.

1489. To Cor. No. 1, the place of beginning.

Bacon Rind lode

Beginning at Cor. No.1.

On line 2-3, Maveric lode, of this survey.

Identical with Cor. No. 4, Fairview lode, of this survey,
heretofore described
whence

U.S.L.M. No. 1764, bears S.52° 20'W., 5306.1 ft.

Thence N.12°09'W.

25. Gulch, course from Northeast to Southwest.

300.5 End center of the location and lode.

493. Gulch, course from Northeast to Southwest.

601. To Cor. No. 2.

feet	Identical with Cor. No. 3, Fairview lode of this survey, heretofore described.
	----- Thence N. 71°06'E.
25.	Gulch, course from North to South.
1500.	To Cor. No. 3.
	A pine post, in place, 4 ins. square, 4 ft. above ground, with mound of stone, scribed B.R.3-2858, whence
	Across (X) and B.R.3-2858, chiseled on quartz porphyry bed rock, 2x5 ft., facing South, bears S.34°50'E., 58.3 feet.
	----- Thence S. 12°09'E.
50.	Gulch, course from Northeast to Southwest.
300.5	End center of the location and lode.
601.	To Cor. No. 4.
	On line 2-3, Copper Bar lode of this survey.
	A pine post, in place, 4x6 ins., 3.5 ft. above ground, with mound of stone, scribed B.R.4-2858, whence
	Across (X) and B.R.4-2858, chiseled on quartz porphyry bed rock, exposed 4x6 ft., facing East, bears S.13°55'E., 177.6 ft.
	----- Thence S.71°06'W.
300.	Gulch, course from East to West.
1272.5	Cors. Nos. 2-3, Copper Bar and Maveric lodes, of this survey.
1500.	To Cor. No. 1, the place of beginning.
	----- Maveric lode
	Beginning at Cor. No.1.
	Identical with Cors. Nos. 2-3, Congress and Senator lodes, respectively, of this survey.
	On line 5-1, Rambler lode, of this survey, S. 57°08' W. 61.4 ft. from Cor. No.5.
	A pine post, in place, 4x6 ins., 3.5 ft. above ground, with mound of stone, scribed 32, 33, M1-2858, whence

Feet

Across (X) and B.R.2-3-1-2858, chiseled on porphyry bed rock, exposed 1x1 ft., bears $S.57^{\circ}03'E.$, 32.2 ft.
U.S.L.M. No. 1764, bears $S.54^{\circ}03'N.$, 3807.6 ft.

Thence $N.8^{\circ}17'W.$

302. End center of the location and lode.

602. To Cor. No. 2.

On line 4-1, Fairview lode, of this survey.

Identical with Cor. No. 4, Rambler lode, of this survey,^{heretofore described}
Cor. No. 5, Rambler lode. *brs. $S.13^{\circ}49'E. 579.15\#$*

Thence $N.71^{\circ}06'E.$

90. Road, course from East to West.

120. Gulch, course from East to West.

298. Gulch, course from East to West.

348.5 Gulch, course from Northeast to Southwest.

1158.5 Gulch, course from Northeast to Southwest.

1272.5 Cors. Nos. 4-1, Fairview and Bacon Rind lodes, respectively, of this survey.

1500. To Cor. No. 3.

On line 4-1, Bacon Rind lode, of this survey.

Identical with Cor. No. 2, Copper Bar lode, of this survey.

A pine post, in place, 4x6 ins., 3.5 ft. above ground, scribed C.B.2, M.3-2858.

No bearings available.

Thence $S. 8^{\circ} 17'E.$

54. Road, course from Southeast to West.

300. End center of the location and lode.

500. Gulch, course from Southeast to Northwest.

600. To Cor. No. 4.

Identical with Cors. Nos. 1-2-3, Copper Bar, Copper Pig and Congress lodes, respectively, of this survey.

A pine post, in place, 4x6 ins., 3.5 ft. above ground, with mound of stone, scribed C.B.1, C.P.2,

Feet	
	C.S. M.4-2858.
	No bearings available.

	Thence S.71°01'W.
1500.	To Cor. No. 1, the place of beginning.

	Copper Bar lode.
	Beginning at Cor. No. 1.
	Identical with Cors. Nos. C-3-4, Copper Pig, Congress, and Maveric lodes, respectively, of this survey, <i>heretofore described</i> <i>Whence U.S.L.M.N.º 1764 brs. S.58°50'W. 5261 ft.</i>

	Thence N.8°17'W.
100.	Gulch, course from Southeast to Northwest.
300.	End center of the location and lode.
546.	Road, course from Southeast to West.
600.	To Cor. No.2.
	Identical with Cor. No. 3, Maveric lode, of this survey, <i>heretofore described.</i>

	Thence N.71°06'E.
972.5	Gulch, course from East to West.
1272.5	Cor. No. 4, Bacon Bend lode, of this survey.
1499.2	To Cor. No. 3.
	A pine post, in place, 4x6 ins., 3.5 ft. above ground, scribed C.B.3-2858.
	No bearings available.

	Thence S.8°17'E.
300,	End center of the location and lode.
600.	To Cor. No.4.
	Identical with Cor. No.3, Copper Pig lode, of this survey.
	A pine post, in place, 4 ins. square, 3 ft. above ground, with mound of stone, scribed C.P.3, C.B.4-2858, whence
	Across (X) and B.R.3-4-2858, chiseled on quartz porphyry

Feet	bed rock, exposed 10x30 ft., facing North, bears S17°58'E., 83.5 ft.
	----- Thence S.71°06'W.
1197.2	Road, course from South to North.
1499.2	To Cor. No.1, the place of beginning.
	----- Copper Pig lode
	Beginning at Cor. No.1.
	Identical with Cor. No.4, Congress lode, of this survey.
	A pine post, in place, 4x6 ins., 5 ft. above ground, with mound of stone, scribed C.4, C.P.1-2858, whence
	No bearings available.
	U.S.L.M. No. 1764, bears S.65°08'W., 5057.4 ft.
	----- Thence N.8°17'W.
252.	Gulch, course from Northeast to Southwest.
300.	End center of the location and lode.
602.	To Cor. No.2.
	Identical with Cors. Nos.3-4-1, Congress, Maveric and Copper Bar lodes, of this survey, <i>heretofore described.</i>
	----- Thence N71°06'E.
302.	Road, course from South to North.
1499.2	To Cor. No.3.
	Identical with Cor. No.4, Copper Bar lode, of this survey, <i>heretofore described.</i>
	----- Thence S.8°17'E.
28.	Gulch, course from Northeast to Southwest.
300.	End center of the location and lode.
480.	Gulch, course from Southeast to Northwest.
600.	To Cor. No. 4.
	A pine post, in place, 4x6 ins., 5.5 ft. above ground, with mound of stone, scribed C.P.4-2858, whence
	Across (X) and B.R.4-2858, chiseled on quartz bed rock, exposed 2x2.5x2 ft., facing North, bears N.80°27'E.,
	69.0 ft.

Feet	Cor.No.9, Survey No.1172, Crown lode, bears $S.58^{\circ}16'W.$, 29.7 ft.
	----- Thence $S.71^{\circ}01'W.$
200.	Road, course from South to North.
500.	Gulch, course from Southeast to Northwest.
1499.6	To Cor. No.1, the place of beginning.
	----- Congress lode
	Beginning at Cor. No.1.
	Identical with Cor. No. 4, Senator lode, of this survey.
	A pine post, in place, 4x6 ins., 3.5 ft. above ground, with mound of stone, scribed S.4, C.1-2858, whence
	No bearings available.
	U.S.L.M. No.1764, bears $S.62^{\circ}41'W.$, 3567.5 ft.
	----- Thence $N.8^{\circ}17'W.$
302.	End center of the location and lode.
604.	To Cor. No.2.
	Identical with Cors. Nos. 3-1, Senator and Maveric lodes, respectively, of this survey, heretofore described.
	On line 5-1, Rambler lode, of this survey.
	----- Thence $N.71^{\circ}01'E.$
1500.	To Cor. No.3.
	Identical with Cors. Nos.4-1-2, Maveric, Copper Bar and Copper Pig lodes, respectively, of this survey, heretofore described.
	----- Thence $N.8^{\circ}17'E.$
302.	End center of the location and lode.
350.	Gulch, course from Northeast to Southwest.
602.	To Cor. No. 4.
	Identical with Cor. No.1, Copper Pig lode, of this survey, heretofore described.

Feet	Thence S.70°56'W.
1300.	Gulch, course from Northeast to Southwest.
1500.	To Cor. No. 1, the place of beginning.

	Senator lode
	Beginning at Cor. No. 1.
	Identical with the end center of the location and lode.
	A pine post, in place, 4x6 ins., 3.5 ft. above ground, with mound of stone, scribed S.1-2858, whence
	Across (X) and B.R.1-2858, chiseled on quartzite bed rock, 2x4 ft., bears S.75°05'E., 17. ft.
	U.S.L.M. No. 1764, bears S.58°40'W., 2626.6 ft.

	Thence N.8°17'W.
302.	To Cor. No. 2.
	Identical with Cor. No. 1, Rambler lode, of this survey, <i>heretofore described</i>

	Thence N.57°08'E.
1050.9	To Cor. No.3.
	Identical with Cors. Nos. 1-2, Maveric and Congress lodes, respectively, of this survey, <i>heretofore described</i>

	Thence S.8°17'E.
302.	End center of the location and lode.
604.	To Cor. No.4.
	Identical with Cor. No.1, Congress lode, of this survey, <i>heretofore described</i>

	Thence S.55°40'W.
893.	To Cor. No.5.
	Identical with Cor. No.2, Survey No.1764A, Tatie L. lode.
	A pine post, in place, 4x6 ins., 3.5 ft. above ground, with mound of earth, scribed S.5-2858, whence
	Across (X) and B.R.5-2858, chiseled on quartz porphyry bed rock, 2x2 ft., facing East, bears N.25°37'W., 25.8 ft.

	Thence N.39°04'W.
301.8	To Cor. No. 1, the place of beginning.

Feet

Variation at all corners $15^{\circ}30'E$.

LODE LINES

As near as can be determined from present developments, the vein of the several locations, embraced in this claim, extend as follows, from their respective discovery points:

Rambler lode, 50 ft. S. $57^{\circ}08'W$., and 1062.3 ft.,
N. $57^{\circ}08'E$.

Fairveiw lode, 1589. ft., S. $71^{\circ}06'W$., and 100. ft.,
N. $71^{\circ}06'E$.

Bacon Rind lode, 50 ft., S. $71^{\circ}06'W$., and 1450 ft.,
N. $71^{\circ}06'E$.

Maveric lode, 1400 ft., S. $71^{\circ}06'W$., and 100 ft.,
N. $71^{\circ}06'E$.

Copper Bar lode, 103 ft., S. $71^{\circ}06'W$., and 1596.2
ft., N. $71^{\circ}06'E$.

Copper Pig lode, 100 ft., S. $71^{\circ}01'W$., and 1399.2
ft., N. $71^{\circ}01'E$.

Congress lode, 1400 ft., S. $71^{\circ}01'W$., and 100 ft.,
N. $71^{\circ}01'E$.

Senator lode, 50 ft., S. $57^{\circ}08'W$., and 1000.9 ft.,
N. $57^{\circ}08'E$.

AREA

Acres

Total area Rambler lode-----14.345^v

Area in conflict with-

Maveric lode of this survey---0.386^v

Total area Fairveiw lode-----20.401^v

Total area Bacon Rind lode-----20.552^v

Total area Maveric lode-----20.339^v

Total area Copper Bar lode-----20.297^v

Total area Copper Pig lode-----20.330^v

Total area Congress lode-----20.401^v

Total area Senator lode-----13.022^v

Feet

The survey of each lode of this location is identical with the respective locations as staked upon the ground.

Location

This survey is located approximately in Secs. 19 & 20, ^{8ns.} T.4S., R.29E., C.&S.R.P.M. ~~unsurveyed~~, Copper Mountain Mining District, Graham County, Arizona.

Adjoining lodes

This claim is bounded on the North by the W.J. Bryan, Balboa, Barcelona lodes, unsurveyed, Detroit Copper Mining Company, claimant; on the East by the Southern Belle, Dorcas and Ella Belle lodes, unsurveyed, Detroit Copper Mining Co., claimant; on the South by the Copper Queen Ext. lode, unsurveyed, Arizona Morenci Copper Co., claimant, Yale and Providenda lodes, unsurveyed, and Sur. No. 1172, Crown lode, Detroit Copper Mining Co., claimant; on the West by the Galena, ^{unsurveyed} and Sur. No. 1764.A, Katie L. lodes, the Missaba Morenci Development Co., claimant.

EXPENDITURE OF FIVE HUNDRED DOLLARS

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

Rambler lode

No. 1 The discovery of the Rambler lode, showing mineral in place, in the outcrop, which is on the lode line 50 ft. from line 2-1.

No. 2 A shaft, which bears from Cor. No.3, S.87°05'E., 616 ft., 4x7 ft., 97 ft. deep.

Value-----\$1164.00

No. 3 A tunnel, the mouth of which bears from Cor. No.3 N.80°30'E., 340 ft., running S.5°E., 50 ft., 4x6 ft.

Value-----\$ 500.00

Fairveiw lode

No. 1 The discovery of the Fairveiw lode, showing mineral in place, in the outcrop, which is on the lode line, 100 ft. from line 3-4.

No. 2 A shaft which bears from Cor. No. 3, S. 4° 30' W., 243 ft., 4x6 ft., 63 ft. deep.

Value-----\$750.00

Bacon Hind lode

showing mineral in place in the outcrop

No. 1 The discovery of the Bacon Hind lode, which is on the lode line, 50 ft. from line 1-2.

No. 2 A shaft, which bears from Cor. No. 1, N. 47° 20' E., 258 ft., 6x8 ft., 75 ft. deep.

Value-----\$900.00

Maveric lode

No. 1 The discovery of the Maveric lode, showing mineral in place, in the outcrop, which is on the lode line, 100 ft. from line 3-4.

No. 2 A shaft, which bears from the East end of the lode line, S. 2° E., 45 ft., 3x10 ft., 95 ft. deep.

Value-----\$1420.00

Copper Bar lode

showing mineral in place in the outcrop

No. 1 The discovery of the Copper Bar lode, which is on the lode line, 103 ft. from line 1-2.

No. 2 A shaft, which bears N. 73° 30' W., 197 ft. from Cor. No. 4, 6x8 ft., 285 ft. deep.

Value-----\$4275.00

Copper Pig lode

No. 1 The discovery of the Copper Pig lode, showing mineral in place, in the outcrop, which is on the lode line, 100 ft. from line 1-2.

No. 2 A shaft, which bears from Cor. No. 4, N. 29° 45' W., 53 ft., 4x6 ft., 51 ft. deep.

Value-----\$ 612.00

Congress lode

showing mineral in place in the outcrop

No. 1 The discovery of the Congress lode, which is on

the lode line, 100 ft. from line 3-4.

No. 2 A tunnel, the mouth of open cut approach bears from Cor. No.3, S.3°E., 87 ft., running S.53°08'W., 30 ft., open cut, 171 ft., tunnel 4x6 ft.

Value-----\$1710.00

Senator lode

No. 1 The discovery of the Senator lode, showing mineral, in place, in the outcrop, which is on the center line, 50 ft. from Cor. No.1.

No. 2 A shaft, which bears from Cor. No.3, S. 15°W., 71 ft., 6x8 ft., 70 ft. deep.

Value-----\$840.00

INSTRUMENT

This survey was made with a C.L.Berger Mining Transit. The courses were deflected from the true meridian as determined by Polaris observations. The distances were measured with 50 ft. and 500 ft. steel tapes.

REPORT

U.S.L.M.No.1764 is a 6x6 in. pine post, 8 ft. high, properly set and scribed.

Survey No.1764 A,Katie L; Cor. No.2 is a pine post, 4x6 ins., 3.5 ft. high, properly set and scribed.

Survey No.1172 Crown lode; Cor. No.9 is a pine post, 4 in. square, 3.5 ft. high, properly set and scribed.

The end centers of all the lodes embraced in this claim, are pine posts, 4x6 ins., 3.5 ft. high, except the West end center of the Maveric lode, East and West end centers of the Rambler lode, which are monuments of stone, 3.5 ft. high.

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

The differences between these field notes and the

returns of Survey No. 1764 A, Katie L. 1080 are due to errors in the latter.

All side center monuments have been obliterated.

Lawrence Lobb
U.S. Mineral Surveyor.

Sur. No. 2858

TERRITORY OF ARIZONA)
)ss.
COUNTY OF GRAHAM)

John C. Moeder, being first duly sworn, deposes and says that he is familiar with the Bacon Rind lode mining claim, situate in the Copper Mountain Mining District, Graham County, Arizona, for which the Arizona Copper Company made application to the Surveyor-General for the District of Arizona for an official survey, as a basis for an application for patent to said claim; that he has actually been on this mining claim and has seen all the monuments of location defined in the boundaries thereof, as described in the location notice of said lode claim on which this survey is based; that the original side center monuments of location were actually established on the ground by the locators at the approximate centers of the side lines of this claim; that said side center monuments of location were not situate within the boundaries of said lode claim, as defined by straight lines connecting the respective corner monuments; and furthermore he is not interested in said mining claim in any manner whatsoever.

John C. Moeder
Affiant

Subscribed and sworn to before me this 21st day of December, 1910.

John R. Hampton
Notary Public

My commission expires July 8, 1911-

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Lamar Cobb

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 The Arizona

Copper Company,

known as the Rambler, Fairview, Bacon Rind, Maveric, Copper Bar, Copper Pig,
Congress and Senator.

and showing the respective capacities in which they acted.

E.T. Morton , Chainman.

W.F. Collier , Chainman. }

..... , Axman. }

..... , Flagman.

FINAL OATHS OF ASSISTANTS.

We, E.T. Morton

and W.F. Collier , do solemnly swear that we assisted Lamar Cobb

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

the boundaries of the mining claim of The Arizona Copper Co.

known as the Rambler, Fairview, Bacon Rind, Maveric, Copper Bar, Copper Pig,
Congress and Senator.

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 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.

E.T. Morton , Chainman.

W.F. Collier , Chainman. }

..... , Axman. }

..... , Flagman.

Subscribed and sworn to by the above-named persons before me this 10th

day of September, 1910

Wade Hampton
Notary Public

my commission expires Dec 22/1913

4-686.

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

I, Jamar Cobb, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated August 29, 1910, 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 Company, known as the Rambler, Fairview, Bacon Rind, Maveric, Copper Pig, Copper Bar, Congress, and Senator, situate in Copper Mountain Mining District, Graham County, Arizona, in ^{Approx} Sections 19 and 20, Township No. 4 S., Range No. 29 E., and designated as Survey No. 2858, 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.

Jamar Cobb
U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said

U. S. ~~Deputy~~ Mineral Surveyor, before me

day of September, 1910,

this 10th

Wade Hampton
Notary Public

o 3-154

my commission expires Dec. 22/1913

LOCATION NOTICE-
LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:- The Arizona Copper Company has this 1st day of October 1897, entered upon and located by right of discovery and location, fifteen hundred (1500) feet of this vein, or lode, of mineral bearing rock, together with three hundred (300) feet on each side of the center of same. The name of this mining claim shall be the Rambler and it is situated about one and one half miles in a Westerly direction from Morenci, in Copper Mountain Mining District, County of Graham, Territory of Arizona, The general course of the vein or lode is from the northeast to the Southwest,

The Surface boundaries are more particularly described as follows, to-wit : Beginning at a stake at the center of the Westerly end line of the claim from which the discovery shaft bears N. 52° 43' E. 50 feet thence N. 8° 24' W. 300 feet to a stake at the northwest corner; thence N. 52° 43' E. 1070.5 feet to a stake at Northeast corner; thence S. 8° 24' E. 600 feet to a stake, at Southeast corner; from which corner N. 9, U.S. Survey, No. 1172, Crown Lode, bears N. 89° 46' E. 2922.5 feet, thence S. 52° 43' W. 1070.5 feet to a stake, at Southwest corner, thence N. 8° 24' W. 300 feet to the place of beginning.

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, 20, 1895.

Dated on the ground, this, 1st. day of october, 1897.

Witness: Geo Smith.
Paul Nicholas.

The Arizona Copper Company,
Locators.
By James Conquhoun, Agent.

Recorded at request of J.G. Hopkins, Dec 21, 1897, at 11 o'clock. A.M.

P. Michena,
Co. Recorder.

LOCATION NOTICE, Lode Claim.

TO ALL WHOM IT MAY CONCERN: The Arizona Copper Company, has this 1st day of October, 1897, entered upon and located by right of discovery and location fifteen hundred (1500) feet of this vein or lode of mineral bearing rock, together with three hundred (300) feet on each side of the center of same, The name of this mining claim shall be FAIRVIEW and it is situated about one and one-half miles in a ~~Western~~ direction from Morenci, in Copper Mountain Mining District, County of Graham, Territory of Arizona,

The general course of the vein, or lode, is from the northeast to the southwest, The surface boundaries are more particularly described as follows: to-wit:-

Beginning at a stake at the center of the Easterly end of the claim, from which the discovery shaft bears S 70° 59' W. 100 feet, thence N. 12° 15' W. 300 feet to a stake at the Northeast Corner; thence S. 70° 59' W. 1500 feet to a stake at Northwest corner; thence S. 12° 15' E. 600 feet to a stake at Southwest corner; thence N. 70° 59' E. 1500 feet to a stake at southeast corner, from which corner No. 9, U.S. Survey, No. 1172, Crown Lode, bears S. 70° 15' E. 1394.5 feet; thence N. 12° 15' W. 300 feet to the place of beginning.

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 20, 1895,

Dated on the ground, this 1st day of October, 1897.

Witness:

Geo. Smith.
Withe Denby.

The Arizona Copper Company, Locator.

By James Conquaboun, Agent.

Recorded at request of J. G. Hopkins, Dec 21, 1897, at 11 o'clock, A.M.

P. Michelena,

County Recorder.

AMENDED LOCATION NOTICE.

LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:- The Arizona Copper Company has this 10th day of December, 1897, entered upon and located by right of discovery and amended location fifteen hundred 1500 feet of this vein, or lode, of mineral bearing rock, together with three hundred (300) feet on each side of the center of same,

The name of this mining Claim shall be the Maveric and it is situated about one and one half miles in a Westerly direction from Morenci, in Copper Mountain Mining District, County of Graham, Territory of Arizona.

The General course of the vein, or lode, is from the northeast to the South west. The surface boundaries are more particularly described as follows, to-wit;:

Beginning at a stake at the center of the Easterly end line of the claim, from which the discovery shaft bears S. $70^{\circ} 59'$ W. 100 feet, thence N. $8^{\circ} 24'$ W. 300 feet to a stake at the northeast corner; Then S. $70^{\circ} 59'$ W. 1500 feet to a stake at northwest corner; thence $8^{\circ} 24'$ E. 600 feet to a stake at southwest corner; thence N. $70^{\circ} 59'$ E. 1500 feet to a stake at Southeast corner, from which corner No. 9, U.S. Survey, No. 1178, Crown Lode, bears S. $85^{\circ} 20'$ E. 1486 feet; thence N. $8^{\circ} 24'$ W. 300 feet to the place of beginning.

This further and amended certificate of location is made without waiver of any previously acquired rights, but for the purposes of correcting any errors on the original location, description, or record.

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 20, 1895,

Dated on the ground, this 10th day of December 1897.

Witness: Geo. Smith,
Paul Nicholas.

The Arizona Copper Company,
Locators
By James Colquhoun, Agent.

Recorded at request of J.G. Hopkins, Dec 21, 1897, at 11 o'clock, A.M.

P. MICHELENA,
County Recorder.

AMENDED LOCATION NOTICE.
LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:- The Arizona Copper Company has this 10th day of December 1897, entered upon and located by right of discovery and amended location fifteen hundred ⁽³⁰⁰⁾ feet of this vein or lode of mineral bearing rock, together with three hundred (300) feet on each side of the center of same. The name of this mining claim shall be the Copper Bar and it is situated about one and one half miles in a Westerly direction from Morenci, in Copper Mountain Mining District, County of Graham, Territory of Arizona, The general course of the vein, or lode is from the northeast to the Southwest, The surface boundaries are more particularly described as follows, to-wit:-

Beginning at a stake at the center of the westerly end line of the claim, from which the discovery shaft bears N.70°59'E.103 feet, thence N 8° 24' W. 300 feet to a stake at the Northwest corner; thence N.70°59'E.1500 feet to a stake at the Northeast corner; thence S.8°24'E.600 feet to a stake at the Southeast corner, from which corner no. 9, U.S. Survey No. 1172, Crown Lode, bears S 5° 50' E.612 feet; thence S.70°59' W.1500 feet to a stake at the Southwest corner thence N.8° 24' W. 300 feet to the place of beginning.

This Further and amended certificate is made without waiver of any previously acquired rights, but for the purpose of correcting any errors in the original location, description or record.

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, 20, 1895,

Dated on the 10th day of December, 1897.

Witness Geo Smith,
Wythe Demby.

The Arizona Copper Company, Locator.

By, James Colquhoun, Agent.

Recorded at request of J.B. Hopkins, Dec. 21, 1897, at 14 o'clock, A.M.

P. MICHELENA,

County Recorder.

(Book 9-Pg 360-361)

Date of original Location Aug, 11th, 1892. Date of original Record Book 8 Record of Mines, Pages 118, Oct, 3rd, 1893.

AMENDED LOCATION NOTICE.
LODE CLAIM.

TO ALL WHOM IT MAY CONCERN: The Arizona Copper Company, has this 10th day of December, 1897, entered upon and located by right of discovery and amended located, fifteen hundred 1500 feet of this vein or lode, of mineral bearing rock together with three hundred (300) feet in each side of the center of same, The name of this mining claim shall be the Copper Pig and it is situated about one and one half miles in a westerly direction from Morenci, in Copper Mountain Mining District, County of Graham, Territory of Arizona,

The general course of the vein or lode, is from the northeast to the South west. The surface boundaries are more particularly described as follows, to-wit:

Beginning at a stake (at the center of the Westerly end line of the claim from which the discovery shaft bears N.70°59' E. 100 feet, thence N.8°24' W.300 feet to a stake at the North west corner; Thence N.70°59' E. 1500 feet to a stake at the Northeast corner; thence S.8°24' E.600 feet to a stake at the Southeast corner, from which Corner No.9, U.S. Survey No.1172, Crown Lode, bears S.58°04' W. 30 feet; thence S.70°59' W. 1500 feet to the Southwest corner; thence N.8°24' W.300 feet to the place of beginning.

This further and amended certificate of location is made without waiver of any *previously acquired* rights, but for the purpose of correcting any errors in the original location, description, or record,

All done under the provisions of Chapter Six of Title XXXII, of the Revised Statutes of the United States, and of Act of the General Assembly of Arizona, Entitled, "An Act Concerning Mines", approved March, 20, 1895, Dated on the ground this 10th day of December, 1897.

Witness: Geo Smith.
Paul Nicholas.

The Arizona Copper Company, Locator,
By, James Colquhoun, Agent.

Recorded at request of J.F. Hopkins, Dec, 21, 1897, at 11 o'clock, A.M.

P. Michelena.

Co. Recorder.

Date of original location Aug. 11th 1893.

" " " Record Oct. 3rd 1893. Book 8 Record of Mines

page 119.

AMENDED LOCATION NOTICE?
LODE CLAIM.

To ALL WHOM IT MAY CONCERN: The Arizona Copper Copper Company, has this 10th day of December, 1897, entered upon and located by right of discovery and amended location, fifteen hundred (1500) feet of this vein, or lode, of mineral bearing rock, together with three hundred (300) feet on each side, of the center of same. The name of this mining claim shall be the Senator and it is situated about one and one half miles from Morenci, in Copper Mountain Mining District, County of Graham, Territory of Arizona, The general course of the vein or lode, is from the Northeast to the Southwest. The surface boundaries are more particularly described as follows, to-wit: Beginning at a stake at the Center of the Westerly end of the claim, from which the discovery shaft, bears N. 52° 43' W 50 feet, thence N. 8° 24' W. 300 feet to a stake at the northwest corner; thence N. 52° 43' E. 1070.5 feet to a stake at northeast corner; thence S. 8° 24' E. 600 feet to a stake at Southeast corner, from which corner No. 9, U.S. Survey No. 1172, Crown Lode, bears N. 71° 07' E. 2971, feet; Thence S. 50° 23' W. 914. feet to a stake at southwest corner; thence N. 39° 37' W. 300 feet to place of beginning.

This further and amended certificate of location is made without waiver of any previously acquired rights, but for the purpose correcting any errors in the original location, description, or record.

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, 20, 1895, dated

Dated on the ground this 10th day of December, 1897.

Witness, Geo Smith

The Arizona Copper Company, Locators.

Paul Nicholas.

By James Colquhoun Agent.

Recorded at request of J.G. Hopkins, Dec 21, 1897, at 11 o'clock, A.M.

P. Michelena,
County Recorder.

Date of original location June 2nd. 1897, Date of original record, Aug, 5th, 1897, Book 9-records of Mines, pages 95-96.

AMENDED LOCATION NOTICE.

LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:- The Arizona Copper Company, has this 10th day of December, 1897, entered upon and located *by* right of discovery, and amended location, fifteen hundred (1500) feet of this vein, or lode, of mineral bearing rock, together with three hundred (300) feet on each side of the center of same. The name of this mining claim shall be the Congress and it is situated about one and one half miles in a westerly direction from Morenci, in Copper Mountain Mining District, County of Graham, Territory of Arizona. The general course of the vein or lode, is from the northeast to the Southwest,

The surface boundaries are more particularly described as follows, to wit:- Beginning at a stake at the center of the Easterly end line of the claim, from which the discovery shaft bears S.70° 59' W. 100 feet, thence N.8° 24' W. 300 feet to a stake at the Northeast corner; thence S.70° 59' W.1500 feet to a stake at northwest corner; thence S.8°24' E. 600 feet to a stake at Southeast corner; from which corner No.9, U.S. Survey, No.1172, Crown Lode, bears N.71° 15' E. 1471 feet, thence N. 8° 24' W.300 feet to the place of beginning.

This further and amended certificate of location is made without waiver of any previously acquired rights, but for the purpose of correcting any errors in the original location, description or record,

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, 20, 1895,

Dated on the ground, this 10th day of December, 1897.

Witness:

George Smith,
Paul Nicholas.

The Arizona Copper Company,
Locators,

By James Colquhoun, Agent.

Recorded at the request of J.G. Hopkins, Dec, 21, 1897, at 11 o'clock, A.M.

P. Michelena, County Recorder.

(Book 9-Pg 360)

Date of original Location, Oct. 1st, 1897, Date of original Record, Nov. 27th, 1897, Book 9, Records of Mines, Pages 341-342.

AUG 26 1910 26

TERRITORY OF ARIZONA, }
County of Graham, } ss.:

I, D. H. Claridge, County Recorder in and for the County of Graham, Territory of Arizona, do hereby certify that the within and following, is a true, full, and complete copy of the within mentioned Mining location notices (Eight in Number)

as the same appears of record in my office, in book s 11 and 9 of Records of Mines

at page s 410, 360, 361, 362, 363, 364,

IN WITNESS WHEREOF, I have hereunto set my hand and seal of office this

(SEAL)

24th, day of August 1910. A. D. 191

D. H. Claridge
County Recorder.

By Gillie Claridge Deputy

AMENDED LOCATION NOTICE.

Lode Claim.

AUG 26 1910

TO ALL WHOM IT MAY CONCERN:- The Arizona Copper Company has this 19th day of July, 1899, entered upon and located by right of discovery and location fifteen hundred (1500) feet of this vein, or lode, of mineral bearing rock, together with three hundred (300) feet on each side of the center of same. The name of this mining claim shall be the Bacon Rind and it is situated about one and one half miles in a westerly direction from the town of Morenci in Copper Mountain Mining district, county of Graham, Territory of Arizona.

The general course of the vein, or lode, is from the south west to the north east, and we claim fifty (50) feet in a S.70°59' W. direction and fourteen hundred and fifty (1450) feet in a N.70°59' E. direction from the center of of discovery shaft at which this notice is posted lengthwise of the claim together with (300) three hundred feet in width on each side of the center of same.

The surface boundaries are particularly described as follows, to wit:- Beginning at a monument at the center of the south westerly end line of the claim from which the discovery shaft bears N.70°59' E., 50 feet, thence N.12°15' W. 300 feet to a stake at the N.W. Cor. thence N.70°59' E. 750 feet to a monument thence N.70° 59' E. 750 feet to a stake at N.E. Cor., thence S.12°15' E., 300 feet to a stake at center of north east end line of claim thence S.12°15' E., 300 feet to a stake at S.E. cor., from which, cor, no 9 U.S. Survey No. 1172, crown Lode, bears S.17°53' E., 118 7 feet, thence S.70° 59' W., 750 feet to a monument thence S.70° 59' W., 750 feet to a stake at S.W. cor. thence N.12°15' W., 300 feet to place of beginning

This amended certificate of location is made without waiver of any previously acquired rights, but for the purpose of correcting any errors in the original location.

All done under the provisions of Chapter Six, of Title Thirty Two, 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.

Dated on the ground this 19th. day of July 1899.

Witness, W.J. Atkinson
Thomas J. Knox.

The Arizona Copper Co.
Locators.

By James Colquhoun, Agent.

Date of Original Location, Oct, 1/1897, Recorded in Book 9, page 259, Dec 21st, 1897.
Recorded the 14 day of Sept. 1899, at 2 o'clock P.M. at the request of Arizona copper Co.

PEDRO MICHELINA,
County Recorder,
By Fred Dysart, Deputy.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

January 4, 1911., 190

I, U. S. Surveyor-General for 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 Company,

known as the Rambler, Fairview, Bacon Rind, Maveric, Copper Bar, Copper Pig, Senator and Congress, situate in Copper Mountain

Mining District, Graham County, Arizona,

approx. uns., in Section 19 & 20, Township No. 4 S., Range No. 29 E., and

designated as Survey No. 2858., 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 8 shafts, 2 tunnels and 1 cut, total value \$12,177.00

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,

January 4, 1911, 190

I, U. S. Surveyor-General for 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 Company,

known as the
Rambler, Fairview, Bacon Rind, Maveric, Copper Bar, Copper Pig,
Senator, and Congress.
situate in Copper Mountain Mining District,
Graham County, Arizona.

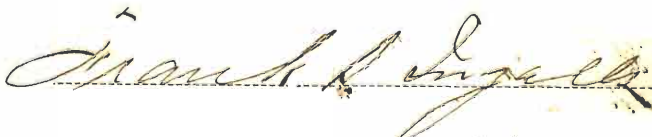
approx.
in Section 19 & 20, Uns, Township No. 4 S., Range No. 29 E.

, designated as Survey No. 2858.

executed by Lamar Cobb, U. S. ~~Deputy~~ Mineral

Surveyor, August 31 - September 8, 1910, 190, under my instructions dated

August 29, 1910, 190, 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.



U. S. Surveyor-General for Arizona.