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Exp'd Oct 23/07
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SEP. 24 1907

AUG. 8- 1907

4-683.

Mineral Survey No. 2430

Lot No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIMS OF

The National Mining Exploration Company

KNOWN AS THE

Iron Cap, Olympia, Columbus, Columbia, Mayory
Free America Fraction, Lepper Age & Friends ^{Globe} Mining District,

Gila County, Arizona

Section _____, Township 1-N, Range 16-E

Surveyed under instructions dated June 5, 1907
by Howard T. Wayne
U. S. Deputy Mineral Surveyor

Claims located 1897 to 1906 See location notices

Survey commenced June 13, 1907

Survey completed July 3, 1907

o 6-160

Address of claimant's attorney:

George K. French,

Globe, Arizona.

certified 17.00
10-1-20

FEET

SURVEY No. 2430

FRACTION LODE MINING CLAIM

Beginning at corner No. 1, the N W corner, identical with location, with corner No. 4 Bird lode Survey No. 2312; with corner No. 2 Annie lode Survey No. 2312, with the N E corner El Paso lode unsurveyed, a pine post 4 ft long, 4 in. square, set 18 in. in the ground in a mound of stone and scribed 1-2430-F L, whence the E $\frac{1}{4}$ corner section 13, T 1 N, R 15 E, G & S R B & M, bears N 65° 54' W 488.4 ft from which Quartzite croppings, chiseled X-2430-B R, bear S 42° 30' E 42.4 ft, S 59° 03' E 17.8 ft, N 66° 23' W 10.8 ft, and N 63° 20' E 20.45 ft.

Thence N 50° 40' E

532.0 to ravine
814.0 same course to Wagon Road leading to Big Johnnie
1445.0 same course to corner No. 2 (the distance of the Bird side line 1454.7 ft being in error), the N E corner, identical with location and situated on line 3-4 of Bird lode Survey No. 2312, with corner No. 4 Anaconda lode Survey No. 1911, a pine post 4 ft long, 4 in. square, set 18 in. in the ground in a mound of stone and scribed 2-2430-F L, whence Quartzite Croppings, chiseled X-2430-B R, projecting well above the surface, bear N 65° 43' E 24.8 ft, S 41° 15' E 26.3 ft.

Thence S 36° 40' E

54.5 to N E E C
327.2 same course to corner No. 3, identical with location, with corner No. 5 Copper Age lode, this Survey, a pine post 4 ft long, 4 in. square, set 18 in. in the ground in a mound of stone and scribed 3-2430-F L, whence Quartzite Croppings, chiseled X-2430-B R, bear N 82° 45' W 15.2 ft, N 49° 55' E 43.55 ft, and N 29° 35' E 24.4 ft.

Thence S 57° 26' W

755.0 to Road leading to Big Johnnie
950.4 same course to a Point from which Open Cut on Fraction lode bears S 73° 30' W 82.0 ft
1144.7 same course to corner No. 4 identical with location, with corner No. 1 Marjory lode, this Survey, with corner No. 6 Cochise lode Survey No. 631, a pine post 4 ft, long, 4 in. square, set 18 in. in the ground in a mound of stone and scribed 4-2430-F L, whence Quartzite Croppings, chiseled X-2430-B R, bears N 40' E 24.4 ft

Thence S 57° 02' W

303.3 on line 5-6 Cochise lode, Survey No. 631, (the course S 57° 55' W being in error), to corner No. 5, identical with location, a pine post 4 ft long, 4 in. square, set 18 in in the ground in a mound of stone and scribed 5-2430-F L, and identical with S E corner of El Paso lode unsurveyed, whence Quartzite Croppings, chiseled X-2430-B R, bears N 7° 42' E 21.6 ft,

Thence N 36° 40' W

103.0 to S W E C
157.5 same course to corner No. 1 the point of beginning.

Variation 13° 45' E to 14° E at all corners.

FEET

LEDGE

Presumed course of the vein on this claim is from the S. W. E. C. of location N 50° 40' E 1445.0 ft.

COPPER AGE LODE MINING CLAIM.

Beginning at corner No. 1, N W corner, identical with location, with corner No. 2 Fraction lode claim, this Survey, with corner No. 3 Bird lode claim, Survey No. 2312, and with corner No. 4 Anaconda lode claim Survey No. 1911, a pine post 4 ft long, 4 in. square and set 18 in. in the ground in a mound of stone and scribed 1-2430-C A L, whence

E $\frac{1}{4}$ corner section 13, T 1 N, R 15 E, G & S R B & M, bears S 65° 22' W 1720.1 ft.,

Quartzite Croppings, chiseled X-2430-B R, projecting well above the surface, bear N 65° 43' E 24.8 ft, S 41° 15' E 26.3 ft.

Thence N 51° 25' E

1492.7 on line coincident with 3-4 Anaconda lode claim, Survey No. 1911, (the course 51 18' E 1494.6 ft being in error) to corner No. 2, identical with location, with corner No. 3 Anaconda lode claim, Survey No. 1911, with S. W. corner Leap Year lode claim, unsurveyed, a pine post 4 ft long, 4 in. square, set 18 in. in the ground in a mound of stone and scribed 2-2430-C A L, whence, Quartzite Croppings, chiseled X-2430-B R, bears S 28° 15' E 16.8 ft., S 41° 15' E 26.3 ft, N 65° 43' E 24.8 ft.

Thence S 36° 40' E

270.0 to N E E C
353.6 same course to corner No. 3, from which original location bears, same course, 140.0 ft, a pine post 4 ft long, 4 in. square, set 18 in. in the ground in a mound of stone and scribed 3-2430-C A L, whence, Cropping of Shale, chiseled X-2430-B R, bears S 48° 30' E 38.3 ft,

Thence S 46° 45' W

706.5 on line identical with 5-6 Matamora lode, (46° 20' being in error), Survey 632 to corner No. 4, identical with location, with corner No. 6 Matamora lode, Survey 632, with corner No. 2 Friends lode claim, this Survey, a cedar post 5 in, in diameter, set 18 in. in the ground in a mound of stone and scribed 4-2430-C A L, whence, Quartzite Croppings, chiseled X-2430-B R, bears S 27° 37' W 44.8 ft, N 10' W 35.5 ft,

Thence S 57° 26' W

20.0 to ravine
443.2 same course to corner No. 1, Friends lode claim, this Survey, and corner No. 2 Marjory lode claim, this Survey,
790.5 same course to corner No. 5, identical with location, and with corner No. 3 Fraction lode claim, this Survey, a pine post 4 ft long, 4 in. square, set 18 in. in the ground in a mound of stone and scribed 5-2430-C.A.L., whence, Quartzite Croppings, chiseled X-2430-B.R., bear N 82° 45' W 15.3 ft, N 49° 55' E 43.55 ft, and N 29° 35' E 24.4 ft.

Thence N 36° 40' W

57.2 to S W E C
327.2 identical with line 2-3 Fraction lode claim, this Survey, to corner No. 1, Point of beginning.

Variation 13° 45' E to 14° E at all corners.

LEDGE

The presumed course of the vein on this claim from
the S W E C of location N 51° 25' E 1492.7 ft.

MARJORY LODE MINING CLAIM

Beginning at corner No. 1, the N W corner, identical
with location, with corner No. 6 Cochise lode, Survey
No. 631, a pine post 4 ft long, 4 in. square, set 18 in,
in the ground in a mound of stone and scribed 1-2430-M L,
whence the

E $\frac{1}{4}$ corner section 13, T 1 N, R 15 E, G & S R B & M,
bears N 78° 33' W 810.5 ft.,
Quartzite Cropping, chiseled X-2430-B R, bears N 40' E
24.4 ft.

Thence N 57° 26' E

194.3 to a point from which Open Cut on Marjory lode bears
S 23° 36' W 79.0 ft
390.0 same course to Road leading to Big Johnnie mine,
1144.7 same course to corner No. 3 Fraction lode claim, this
Survey, and corner No. 5 Copper Age lode claim, this
Survey,
1492.0 same course to corner No. 2, identical with location,
with corner No. 1 Friends lode claim, this Survey, a
pine post 4 ft long, 4 in. square, set 18 in, in the
ground in a mound of stone and scribed 2-2430-M L,
whence,
Rock Croppings, chiseled X-2430-B R, bear N 49° 53' E
43.5 ft, N 7° 05' W 15.85 ft.

Thence S 36° 30' E

296.2 to N E E C
596.2 same course to corner No. 3, identical with location,
a pine post 4 ft long, 4 in. square, set 18 in, in the ground
in a mound of stone and scribed 3-2430-M L, whence,
Quartzite Croppings, chiseled X-2430-B R, bears N 16° 25'
E 13.75 ft.

Thence S 57° 21' W

92.6 corner No 4 Friends lode, this Survey,
390.0 same course to intersection with the Arizona Commercial
Railway,
818.0 same course to Road leading to Big Johnnie mine,
971.0 same course to main Copper Canyon Road,
1081.1 same course to corner No. 3 Olympia lode claim and
corner No. 1 Columbus lode, this Survey,
1213.0 same course to second intersection with Copper Canyon
Road,
1492.0 same course to corner No. 4, identical with location,
with corner No. 2 Cochise lode claim, Survey No. 631,
a pine post 4 ft long, 4 in. square, set 18 in, in the
ground in a mound of stone and scribed 4-2430-M L,
whence,
N W corner of a well, bears N 55° 43' E 7.2 ft, S W
corner of the same well, bears N 79° 25' E 8.5 ft.

Thence N 36° 30' W

50.0 on line 2-1-6 Cochise lode claim, Survey No. 631 (the
232.0 course S 36 20' E 600.0 ft being in error),
to intersection main Copper Canyon Road,
300.00 same course to intersection of the Arizona Commercial
598.0 Railway,
same course to S W E C,
same course to corner No. 1 the point of beginning.

Variation 13° 30' E to 13° 45' E at all corners.

LEDGE

The presumed course of the vein on this claim is from
S W E C of location N 57° 21' E 1492.0 ft.

FRIENDS LODE MINING CLAIM.

Beginning at corner No. 1, the N W corner, identical with location, with corner No. 2 Marjory lode mining claim, this Survey, a pine post 4 ft long, 4 in. square, set 18 in. in the ground in a mound of stone and scribed 1-2430-Fr. L, whence,
E $\frac{1}{2}$ corner section 13, T 1 N, R 15 E, G & S R B & M, bears S 72° 34' W 2150.4 ft, and
Quartzite Croppings, chiseled X-2430-B R, bear N 49° 53' E 43.5 ft, N 7° 05' W 15.85 ft.

Thence N 57° 26' E

423.2 to ravine,

443.2 same course to corner No. 2, identical with location, with corner No. 4, Copper Age lode claim, this Survey, with corner No. 6, Matamora lode claim, Survey No. 632, a round cedar post 5 in, in diameter, set 18 in, in the ground in a mound of stone and scribed 2-2430-Fr. L, whence,
Quartzite Croppings, chiseled X-2430-B R, bears S 27° 37' W 44.8 ft, N 10' W 35.5 ft.

Thence S 27° 37' E

(Matamora course S 28° E 600.0 ft being in error)
298.0 to N E E C,

595.9 same course to corner No. 3, identical with location, with corner No. 2 Matamora lode claim, Survey No. 632, pine post 4 ft long, 4 in, square, set 18 in, in the ground in a mound of stone and scribed 3-2430-B R, bears S 23° 19' E 20.64 ft, S 15° 17' E 24.55 ft.

Thence S 57° 21' W

350.4 to corner No. 4, Marjory lode claim, this Survey, from which corner No. 1 bears N 36° 30' E 596.2 ft,

443.0 same course to corner No. 4, identical with location, a pine post 4 ft long, 4 in, square, set 18 in, in the ground in a mound of stone and scribed 4-2430-Fr. L, whence, Bearing Rock, chiseled X-2430-B R, bears N 7° 17' W 6.7 ft.

Thence N 27° 37' W

298.0 to S W E C

596.8 same course to corner No. 1, place of beginning.

Variation 13° 45' E to 14° E at all corners.

LEDGE

The presumed course of the vein on this claim is from
the N E E C of location S 57° 21' W 443.1 ft.

OLYMPIA LODGE MINING CLAIM.

Beginning at corner No. 1, identical with location, with post set by Arizona Commercial Copper Company, at Point of intersection between line 2-3 Cochise lode claim, Survey 631, and line 5-6 of Defiance lode claim, Survey 551, a pine post 4 ft long, 4 in, square, set in concrete and scribed 1-2430-0 L, whence,
 E $\frac{1}{4}$ corner section 13 bears N 30° 31' W 1156.1 ft,
 Iron Cap Shaft bears N 84° 25' E. Globe Consolidated Shaft, bears S 76° W. No near witnesses available.
Cor. No. II Defiance lode Surv. No. 551. Brs N. 77° 30' E. 548.6 ft.
 Thence N 57° 50' E

110.0 along line 2-3 Cochise lode claim, Survey 631, (the course 57° 55' 553.0 ft being in error),
 Wagon Road leading from main Copper Gulch Road to the Buckeye Mine,
 665.0 same course to corner No. 2, identical with corner No. 2 Cochise lode claim, Survey 631; with corner No. 4, Marjory lode claim, this Survey, and with location, a pine post 4 ft long, 4 in, square, set in concrete and scribed 2-2430-0-L, whence,
 N W corner of a well, bears N 55° 43' E 7.2 ft, S W corner, bears N 79° 25' E 8.5 ft.

Thence N 57° 21' E

290.0 on line 3-4 Marjory lode claim, this Survey,
 to main Copper Gulch Road,
 410.9 same course to corner No. 3, identical with location, a pine post 4 ft long, 4 in, square, set 18 in, in the ground in a mound of stone and scribed 3-2430-0 L,
 No bearing monuments available.

Thence S 26° 06' E

140.0 to N E E C
 295.6 same course to corner No. 4, identical with location, a pine post 4 ft long, 4 in, square, set 18 in, in the ground in a mound of stone and scribed 4-2430-0 L,
 No bearing monuments available.

Thence S 63° 53' W

547.3 to intersection with line 2-1-6 Defiance lode claim, Survey 551, *at S. 12° 13' E. 50 ft. from cor. No. VI.*
 701.9 same course to corner No. 1 Iron Cap lode mining claim this Survey,
 707.0 *same course*
 1070.0 same course to corner No. 5, identical with location, a pine post 4 ft long, 4 in square, set 18 in. in the ground in a mound of stone, and scribed 5-2430-0 L,
 No bearing monuments available.

Thence N 26° 06' W

155.6 to S W E C
 178.0 same course to corner No. 1 the point of beginning.

Variation 13° 45' E to 14° E at all corners.

LEDGE

The presumed course of the vein on this claim is from the N E E C of location S 63° 53' W. 1070 ft.

FEET

COLUMBUS LODE MINING CLAIM.

Beginning at corner No. 1, identical with location, a pine post 4 ft long, 4 in. square, set 18 in. in the ground in a mound of stone, and scribed 1-2430-Col.L., with corner No. 3, Olympia lode, this Survey, whence, E $\frac{1}{4}$ corner section 13, bears N 74° 19' W 1553.9 ft. No bearing monuments available.

Thence N 57° 21' E

110.0 Along line 3-4 Marjory lode, this Survey,
263.0 to main Copper Gulch Road,
691.0 same course to Road leading from Buckeye to Big Johnnie,
988.5 same course to Arizona Commercial Railway,
1081.1 same course to corner No. 4, Friends lode, this Survey,
1431.5 same course to corner No. 3 Marjory lode, this Survey,
same course to corner No. 2, identical with location,
with corner No. 3 Friends lode, this Survey, and corner
No. 2 Matamora lode, Survey No. 632; a pine post 4 ft
long, 4 in. square, set 18 in, in the ground in a mound
of stone and scribed 2-2430-Col.L., whence,
Bearing Rocks, chiseled X-2430-B-R, bears S 23° 19' E
20.65.ft, S 15° 17' E 24.55 ft.

Thence S 26° 06' E

63.0 to intersection of Arizona Commercial Railway,
140.0 same course to N E E C,
163.0 same course to main Copper Gulch Road,
429.5 same course to corner No. 3, identical with location,
with corner No. 2 Columbia lode claim, this Survey,
with corner No. 3, Omega lode claim, Survey No. 636,
a pine post 4 ft long, 4 in. square, set 18 in, in the
ground in a mound of stone and scribed 3-2430-Col.L.
whence, corner No. 2 Iron Cap, bears S 61° 09' W 624.8
ft, and corner No. 1 Columbia lode, bears S 61° 09' W
829.3 ft. - Bearing Rocks, chiseled X-2430-B R, bear N
18° 51' E 48.2 ft, S 1° 25' E 42.55 ft, S 26° 20' W
33.15 ft.

Thence S 57° 21' W

638.2 to intersection with Iron Cap line 2-3, this Survey,
whence, corner No. 2 Iron Cap lode, bears N 13 02' W
43.96 ft,
827.2 same course to line 5-1 Columbia lode, this Survey, whence,
corner No. 1 Columbia lode, bears N 32° 55' W 54.96 ft,
1135.5 same course to Road leading from Buckeye to Big Johnnie,
1330.0 same course to ravine,
1431.5 same course to corner No. 4, identical with location, a
pine post 4 ft long, 4 in, square, set 18 in, in the
ground in a mound of stone and scribed 4-2430-Col.L.
No bearing monuments available.

Thence N 26° 06' W

133.6 to corner No. 4 Olympia lode claim, this Survey, on line
1-2 of Iron Cap lode, whence,
corner No. 2, Iron Cap lode, bears N 63° 53' E 798.1 ft,
289.5 same course to S W E C
429.5 same course to corner No. 1, point of beginning.

Variation 13° 45' E at all corners.

LEDGE.

The presumed course of the vein on this claim is from
the N E E C of location S 57° 21' W 1431.5 ft.

FEET

FREE AMERICA LODE MINING CLAIM

Beginning with corner No. 1, identical with location, a pine post 4 ft long, 4 in, square, set 18 in, in the ground in a mound of stone and scribed 1-2430-F A L, whence, E $\frac{1}{4}$ corner section 13, bears S 84° 53' W 2585.3 ft, Rock, chiseled X-2430-B R, bears S 50° 01' E 16.0 ft,

Thence N 46° 23' E

~~coincident with Matamora line 2-3,~~
 175.5 to corner No. 3, Friends lode, also Corner No. 2, Columbus lode, this Survey, with corner No. 2 Matamora lode, Survey 632,
 1383.3 same course to corner No. 2, identical with location, with S E corner Matamora lode, Survey No. 632, a pine post 4 ft long, 4 in. square, set in concrete and scribed 2-2430-F A L, whence, Diabase Croppings, chiseled X-2430-B R, bears S 40° 10' W 32.45 ft,

Thence S 50° 04' E

300.0 to N E E C
 448.0 same course to Copper Gulch Road,
 580.9 same course to corner No. 3, identical with location, with S W corner Covellite Claim unsurveyed, a pine post 4 ft long, 4 in. square, set 18 in, in the ground in a mound of stone and scribed 3-2430-F A L, whence, a Diabase Cropping, chiseled X-2430-B R, S 89° 46' W 40.2 ft.

Thence S 53° 13' W

459.0 to main Copper Gulch Road,
 580.0 same course to Arizona Commercial Railway,
 992.0 same course to main Copper Gulch Road,
 1412.2 same course to corner No. 4, identical with location, with corner No. 3, Columbus lode, corner No. 2 Columbia lode, this Survey, and with corner No. 3 Omega lode, Survey No. 636, a pine post 4 ft long, 4 in, square, set 18 in, in the ground in a mound of stone and scribed 4-2430-F A L, whence, corner No. 2 Columbus lode, bears N 26° 06' W 429.5 ft, Bearing Rocks, chiseled X-2430-B R, bear N 18° 51' E 48.2 ft, S 1° 25' E 42.55 ft, S 26° 20' W 33.15 ft,

Thence N 50° 04' W

207.0 to S W E C
 207.0 same course main Copper Gulch Road,
 347.0 same course to Arizona Commercial Railway,
 411.8 same course to corner No. 1, the point of beginning.

Variation 13° 30' E to 13° 45' E at all corners.

LEDGE

The presumed course of the vein on this claim is from the S W E C of location N 50° 18' E 1396.9 ft.

FEET

IRON CAP LODE MINING CLAIM.

Beginning at corner No. 1, identical with location, a pine post 4 ft long, 4 in. square, set 18 in. in the ground in a mound of stone and scribed -1-2430-I C L, whence, E $\frac{1}{2}$ corner section 13, bears N 45° 03' W 1408.3 ft, Iron Cap Shaft, bears N 80° 46' E Triangulation Station Black Peak, bears N 15° 48' E No near bearing monuments available.

Thence N 63° 53' E

- 154.6 to intersection with Defiance east end line 2-1-6, Survey 551, whence, corner No. 2 Defiance lode, bears S 12° 13' E 294.8 ft,
 701.9 same course to corner No. 4 Olympia lode, this Survey, whence corner No. 4 Columbus lode, bears S 26° 06' E 133.6 ft.
 1032.0 same course to Wagon Road leading from Big Johnnie to Buckeye Mine,
 1500.0 same course to corner No. 2, identical with location, and on line 1-2 of Columbia lode, a pine post 4 ft long, 4 in. square, set 18 in. in the ground in a mound of stone and scribed 2-2430-I C L, whence, Rock, chiseled X-2430-B R, bear S 36° 45' E 17.5 ft,

Thence S 13° 02' E

- 300.0 N E E C
 600.0 same course to corner No. 3 identical with location, with corner No. 5^A, Columbia lode claim, this Survey, a pine post 4 ft long, 4 in. square, set 18 in. in the ground in a mound of stone and scribed 3-2430-I C L, and identical with corner No. 1, Copper Era lode Survey No 2297, with corner No. 4, Mountain Key lode claim, Survey No. 2297, whence, Rocks, chiseled X-2430-B R, bear N 67° 50' W 23.75 ft, N 26° 25' E 40.8 ft,

Thence S 63° 53' W

- 237.0 along line 4-1 Mountain Key lode, Survey No. 2297,
 to Road leading to Buckeye,
 337.0 same course to ravine,
 647.0 same course to branch Road leading to Iron Cap shaft,
 738.0 same course to Road between Buckeye Mine and main Copper Gulch Road.
 1500.0 same course to corner 4, identical with location, with corner No. 1, Mountain Key lode, Survey No. 2297. a pine post 4 ft long, 4 in square, set 18 in. in the ground in a mound of stone and scribed 4-2430-I C L, whence, Rocks, chiseled X-2430-B R, bear N 86° 48' W 5.65 ft, N 82° 53' E 21.65 ft,

Thence N 13° 02' W

- 3000.0 to S W E C
 342.7 to U.S. Mineral Monument No. 2 on line 2-3 Defiance lode, identical with Copper Hill lode Survey No. 531, ~~N side~~ line, whence, corner No. 2 Defiance lode, bears N 77° 43' E 146.3 ft,
 594.0 same course to Wagon Road between Buckeye and main Copper Gulch road,
 600.0 same course to corner No. 1, the point of beginning.

Variation 13° 30' E to 13° 45' E to all corners.

LEDGE

The presumed course of the vein on this claim is from S W E C of location N 63° 53' E 1500.0 ft

F E E T

COLUMBIA LODE MINING CLAIM.

Beginning at corner No. 1, identical with location, a pine post 4 ft long, 4 in, square, set 18 in, in the ground in a mound of stone and scribed 1-2430-C L, whence, E $\frac{1}{4}$ corner section 13, bears N 78° 41' W, 2207.2 ft. Iron Cap Shaft, bears S 57° 38' W. Globe Consolidated Shaft, bears S 80° 35' W. No bearing monuments available.

Thence N 61° 09' E

204.5 to corner No. 2, Iron Cap lode, this Survey, whence,
829.3 corner No. 3, Iron Cap lode, bears S 13° 02' E 600 ft,
same course to corner No. 2, identical with location,
with corner No. 3 Omega lode, Survey No. 636, with
corner No. 3 Columbus lode, with corner No. 4 Free America
lode, this Survey, a pine post 4 ft long, 4 in, square,
set 18 in. in the ground in a mound of stone and scribed
2-2430-C L, whence,
Rocks, chiseled X-2430-B R, bear N 18° 51' E 48.2 ft
S 1° 25' E 42.55 ft, S 26° 20' W 33.15 ft,

Thence S 32° 55' E

300.0 on line 3-4-5 Omega lode Survey No. 636, (S 32° 50'
576.7 E being in error),
to N E E C
to intersection with line 1-4 Oregon lode, Survey No.
2297.
596.5 same course to corner No. 3, identical with location,
with corner No. 5, Omega lode, Survey No. 636, a pine
post 4 ft long, 4 in. square, set 18 in. in the ground in
a mound of stone and scribed 3-2430-C L, whence,
Rock, chiseled X-2430-B R bears S 18° 56' W 28.05 ft.

Thence S 62° 25' W

300.93 to intersection with line 3-4 Copper Era lode, Survey
741.5 No. 2297, whence, corner No. 4 Copper Era lode, bears
N 12° 56' W 150.84 ft,
to corner No. 4, identical with location and with corner
No. 1 Oregon lode, Survey No. 2297, a pine post 4 ft long,
4 in, square, set 18 in. in the ground in a mound of stone
and scribed 4-2430-C L,

Thence S 62° 29' W

89.2 to corner No. 5, identical with location with corner
No. 1, Copper Era lode Survey No. 2297, corner⁴Mountain
Key lode, Survey No. 2297, whence,
Rocks chiseled X-2430-B R bear N 67° 50' W 23.75 ft N
26° 25' E 40.8 ft. This corner is a pine post 4 ft
long, 4 in, square, set 18 in, in the ground in a mound
of stone and scribed 5-2430-C L,

Thence N 32° 55' W

279.0 to S W E C
524.04 to intersection of line 3-4 Columbus lode, this survey,
whence, corner No. 3 Columbus lode, bears N 57° 21' E
827.2 ft,
579.0 same course to corner No. 1, the point of beginning.

Variation 13° 30' to 13° 45' at all corners.

LEDGE

The presumed course of the vein on this claim is from
the N E E C of location S 61° 09' W 829.3 ft.

FEET

ADJOINING CLAIMS.

N Bird lode, Survey No. 2312, Globe Consolidated Copper Company, owner.
Anaconda lode, Survey No. 1911, Globe Consolidated Copper Company, owner.

N E Cor Leap Year lode, unsurveyed, owner unknown.

E M. C. Fraction lode, unsurveyed, owner not known.
Matamora lode, Survey No. 632, Arizona Commercial Copper Company owner.
Covellite lode, unsurveyed, Arizona Commercial Copper Company owner.
Omega lode, Survey No. 636, Arizona Commercial Copper Company owners.

S Oregon lode, Survey No. 2297, Superior & Boston Copper Company owners.
Copper Era lode, Survey No. 2297, Superior & Boston Copper Company owners.
Mountain Key lode, Survey No. 2297, Superior & Boston Copper Company owners.

W Copper Hill lode, Survey No. 535, Arizona Commercial Copper Company, owner.
Defiance lode, Survey No. 551, Arizona Commercial Copper Company, owner.
Cochise lode, Survey No. 631, Arizona Commercial Copper Company owner.
El Paso lode, unsurveyed. Owner not known.

N W Cor Annie lode, Survey No. 2312, Globe Consolidated Copper Company, owner.

AREA

FRACTION LODE MINING CLAIM.

	Acres
Total of net area	8.049

COPPER AGE LODE MINING CLAIM.

Total of net area	12.842
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MARJORY LODE MINING CLAIM.

Total of net area	20.393
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FRIENDS LODE MINING CLAIM.

Total area	6.043	
Less area in conflict with Marjory lode claim	<u>0.632</u>	
Net area		5.411

OLYMPIA LODE MINING CLAIM.

Total area	5.673	
Less area in conflict with Defiance lode mining clm.	<u>1.381</u>	
Net area		4.292

COLUMBUS LODE MINING CLAIM.

Total area	14.022	
Area in conflict with Columbia lode, this Survey,	.522	
Common conflict Columbus and Iron Cap	<u>.219</u>	
		.303

AREA

COLUMBUS LODGE MINING CLAIM - Cont.

	<u>Acres</u>	<u>Acres</u>
Less area in conflict with Iron Cap lode mining claim	1.601	
Total area in conflict	2.123	
Total area to be excluded	1.904	
Net area		12.118

FREE AMERICA LODGE MINING CLAIM.

Total Area	15.662	
Less area in conflict with Columbus lode mining claim	<u>.824</u>	
Net area		14.838

IRON CAP LODGE MINING CLAIM.

Total area	20.126	
Less area in conflict with Defiance lode mining claim, Survey No. 551	<u>.951</u>	
Net area		19.175

COLUMBIA LODGE MINING CLAIM.

Total area	11.162	
Less area in conflict with Iron Cap lode mining claim	<u>1.356</u>	
Area in conflict with Copper Era lode, Survey 2297(not deducted)	.829	
Area in conflict with Oregon lode Survey No. 2297(not deducted)	.168	
Net area		<u>9.806</u>
Net Area of the Group		106.924

IMPROVEMENTS

I hereby certify that the value of the labor and improvements on these claims, placed thereon by the claimant or its grantors is not less than Five Hundred Dollars for each location and consists of the following:

The chief improvement upon this group consists of a shaft bearing N 80° 46' E 590.0 ft from corner No. 1, Iron Cap lode. This shaft has a depth of 575.0 ft and is 4 x 8 ft in the clear, timbered from top to bottom. From the 450 ft level a cross cut has been driven N 35° W 460 ft. From the same level a similar cross cut S 33° E has been run for 285 ft. Besides this some 100 ft of drifting has been done.

Both shaft and cross-cuts are now being driven and it is the intention of the management to entirely cross-cut the group before stopping, thus developing at depth all the leads on the property.

Value of shaft, surface equipments and cross-cuts as follows:

Shaft	\$23000.00
10x14 Hoist	3000.00
1- 2-drill Compressor	1000.00
1- Boiler in place	1000.00
1- 75 H.P. Internal Fire Boiler	2000.00
Pump	500.00
Small Engine and Blower Outfit	500.00
Buildings and Gallows Frame	3500.00
Cross-cuts	5500.00
Total	\$40000.00

One eighth of the value of the Shaft etc. to be allowed toward the improvements on each of eight claims, the Free America being excluded.

FRACTION

No. 1	Discovery Open Cut and Tunnel 416-50' driven in an easterly direction, the mouth of which 498.0 ft. N 50° 40' E from S W E C of location.	Value	350.00
No. 2	Open Cut 4 x 7 x 10 ft., S 73° 34' W 83 ft. from point on S E side line 194.3 ft. N E from cor No. 4	Value	25.00
No. 3	One eighth value of Shaft etc.		5000.00
	Total value of improvements		<u>5375.00</u>

COPPER AGE

No. 1	Discovery Open Cut 5 x 12 x 14 ft. bears S 51° 25' W 484.0 ft. from the N E E C	Value	75.00
No. 2	Open Cut 6 x 9 x 13 ft. bears N 23° 54' E 29.5 from Cor. No. 4.	Value	50.00
No. 3	One eighth value of Shaft etc.		5000.00
	Total value of improvements		<u>5125.00</u>

MARJORY

No. 1	Discovery Shaft 4 x 6 x 58 ft. bears from the S E E C of location N 57° 21' E 55.0 ft.	Value	460.00
No. 2	Open Cut 4 x 15 x 25 ft. bears from S W E C of location N 57° 21' E 25.0 ft., general course of same being northeast.	Value	100.00
No. 3	One eighth value of Shaft etc.		5000.00
	Total value of improvements		<u>5560.00</u>

FRIENDS

No. 1	Discovery Open Cut 5 x 10 x 18 ft. bears from N E E C S 57° 21' W 144.0 ft.	Value	50.00
No. 2	Shaft 4 x 6 x 25 ft. bears from S W E C of location S 73° W 70.0 ft.	Value	200.00
No. 3	One eighth value of Shaft etc.		5000.00
	Total value of improvements		<u>5250.00</u>

OLYMPIA

No. 1	Discovery Open Cut 4 x 8 x 14 ft. bears from N E E C of location S 63° 53' W 29.0 ft. General course of same is northeast.	Value	40.00
No. 2	One eighth value of Shaft etc.		5000.00
	Total value of improvements		<u>5040.00</u>

COLUMBUS

No. 1	Discovery Open Cut and Tunnel, Open Cut 4 x 8 x 10 ft. Value	\$ 25.00
	Tunnel 4 x 6 x 28 ft. Value	165.00
	general course of which is northwest and bears from N E E C of location S 57° 21' W 81.0 ft.	
No. 2	One eighth value of Shaft etc.	5000.00
	Total value of improvements	5190.00

FREE AMERICA

No. 1	Discovery Shaft 4 x 6 x 10 ft. bears from S W E C of location N 50° 18' E 193.0 ft. Value	40.00
No. 2	Shaft 4 x 6 x 33 ft. deep bears from cor No. 2 of the Columbus lode, this survey, S 87° 05' E 420.0 ft. Value	300.00
No. 3	Shaft 4 x 6 x 20 ft. deep bears from cor No. 2 S 8° 39' W 415.0 ft. Value	150.00
No. 4	Shaft 4 x 6 x 7 ft deep bears from cor No. 2 S 40° 44' E 375.0 ft. Value	40.00
	Total value of improvements	530.00

IRON CAP

No. 1	Discovery Shaft 4 x 6 x 10 ft. bears from S W E C of location N 63° 53' E 75.0 ft. Value	50.00
No. 2	Main Shaft Iron Cap 4 x 8 in the clear bears N 80° 46' E 590.0 ft. from cor No. 1 Iron Cap lode. One eighth Value	5000.00
	Total value of improvements	5050.00

COLUMBIA

No. 1	Discovery Shaft 4 x 6 x 10 ft. deep bears from cor No. 2 S 15° 56' W 428.0 ft. Value	50.00
No. 2	Open Cut 4 x 10 x 16 ft. bears from cor No. 2 S 15° 56' W 476.0 ft. Value	50.00
No. 3	One eighth value of Shaft etc.	5000.00
	Total value of improvements	5100.00

LOCATION

These claims are located just east of Section 13,
outside of Globe Township, and about two miles in a
northeast direction from the City of Globe, *J. N. RICE*

INSTRUMENT

This survey was made with a W. & L. E. Gurley Complete
Mining Transit. The courses were determined by
direct Solar observation, checked by courses already
accurately determined. Distances were measured
with a 300 ft. steel tape.

Howard P. Haynes
U. S. Deputy Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Howard P. Wayne

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 claims of The

National Mining Exploration Company
known as the Iron Cap, Olympia, Columbia, Columbus, Marjory, Free America
Fraction, Copper Age, Friends.
and showing the respective capacities in which they acted.

- Ralph Smith, Chairman.
- Herbert Woodward, Chairman.
-, Assn.
-, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Ralph Smith

and Herbert Woodward, do solemnly swear that we assisted Howard

P. Wayne, United States Deputy Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claims of The National Mining

Exploration Company.

known as the Iron Cap, Olympia, Columbia, Columbus, Marjory,
Free America, Fraction, Copper Age and Friends
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

- R. Smith, Chairman.
- H. Woodward, Chairman.
-, Assn.
-, Flagman.

Subscribed and sworn to by the above-named persons before me this 5th

day of August, 1907

J. Weinberger
Notary Public

My commission expires March 26, 1910

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Howard T. Wayne, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 5, 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 Claims of The National Mining Exploration Company, known as the Iron Cap, Olympia, Columbia, Columbus Mayory, Free America, Fracture & Friends situate in Globe Mining District, Copper Co. Gila County, Arizona, in Section _____, Township No. 1N, Range No. 16E, and designated as Survey No. 2430, 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.

Howard T. Wayne
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Howard T. Wayne
U. S. Deputy Mineral Surveyor, before me J. Steinberger
this fifth
day of August, 1907

J. Steinberger
Notary Public

My commission expires March 26, 1910

Affidavit of Five Hundred Dollars Improvements.

We, Herbert Woodward, and W. S. Sutton

of lawful age, being first duly sworn according to law, depose and say: That we are
Iron Cap, Olympia, Columbia, Columbus, Trayon, Free America
acquainted with the Fraction, Ledger & Friends mining claims

situate in Globe Mining district, Gila County,

Arizona Territory, for which The National Mining
Exploration Company

has made application for survey prior to application for patent under the provisions
of the act of Congress, approved May 10, 1872; and that the labor done and improve-
ments made thereon by the applicant and its grantors exceed Five Hundred
Dollars in value, and further that we are not personally interested in said mine.

Herbert Woodward

W. S. Sutton

TERRITORY OF ARIZONA, }
County of Gila } ss:

Sworn to and subscribed before me, this 5th

day of August, 1907



J. Weinberger
Notary Public

My commission expires March 26, 1911

NOTICE OF MINING LOCATION
LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Copper Age Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by H. Shoap & Patrick Rose Citizens of U. S., the undersigned, on the 19th day of Dec. 1905.

The length of this claim is 1500 feet, and we claim about 300 feet, in a Northeast direction and about 1200 feet, in a Southwest direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim.

The general course of the lode deposit and premises is from the Northeast to the Southwest.

The claim is situated and located in the Globe Mining District, in Gila County, in the Territory of Arizona, about 1/4 mile in a South direction from U. S. monument o Blackcap & is bounded on the North by the Anaconda on the West by the Fraction on the South by the Friends mining claims. The above is abandoned ground.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at Northeast center being at a point in a Northeast direction about 300 feet from the discovery shaft (at which this notice is posted,) being in the center of the Northeast end line of said claim; thence Northwest 300 feet to a Monument of stones, being the Northeast, corner of said claim; thence Southwest 1500 feet to a Monument of stone, being at the Northwest corner of said claim; thence Southeast 300 feet to a Monument at the center of the southwest end of said claim; thence Southeast 300 feet to a Monument, being at the Southwest corner of said claim; thence Northeast 1500 feet to a Monument at the Southeast corner of said claim; thence Northwest 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 to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 19th day of Dec. 1905.

Witness

Louis Baarck

H. Shoap
Patrick Rose

Filed and recorded at the request of Henry Shoap, on the 21st day of February, A. D. 1906, at 50 minutes past 3 o'clock P. M.

W. D. Fisk County Recorder.
By Richard Fleming
Deputy Recorder.

TERRITORY OF ARIZONA, }
COUNTY OF GILA } SS

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of..... Location Notice of the

"COPPER AGE" Mining Claim,.....

as the same appears of record in my office in Book..... 11, Records of Mines,.....

at page..... 92.....; 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..... 3rd.....day of

June

....., A. D. 1907.

E. T. Stewart

County Recorder, Gila County, Arizona

Amended
NOTICE OF MINING LOCATION
LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Iron Cap Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by H. Shoap a citizen of the United States the undersigned, on the 2nd day of February 1901.

The length of this claim is 1500 feet, and we claim 100 feet, in a southeast direction and 1400 feet, in a northwest direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the southeast to the northwest.

The claim is situated and located in the Globe Mining District, in Gila County, in the Territory of Arizona, about one-half mile in a northeast direction from the hoist on the Gray Mine and adjoins the Copper Hill and Defiance claims on the northeast.

The surface boundaries of the claim are marked upon the ground as follows; Beginning at - - - - at a point in a southeast direction 100 feet from the discovery shaft (at which this notice is posted,) being in the center of the southeast end line of said claim; thence southwest 300 feet to a monument, being the southeast corner of said claim; thence northwest 1500 feet to a monument, being at the southwest corner of said claim; thence northeast 300 feet to a monument at the center of the northwest end of said claim; thence northeast 300 feet to a monument, being at the northwest corner of said claim; thence southwest 1500 feet to a monument at the northeast corner of said claim; thence southwest 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 to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Iron Cap Mining Claim, located by H. Shoap on the 2nd day of February 1906, and recorded in Book 7 of Records of Mines, at page 282 in the office of the county Recorder of the aforesaid County of Gila to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 12th day of July 1906.

The Iron Cap Mining and Milling Company
By J. B. Coplen Manager.

Filed and recorded at the request of George R. Hill, on the 13 day of July A. D. 1906 at 40 minutes past 11 o'clock A. M.

W. D. Fisk County Recorder.
By Richard Fleming
Deputy Recorder.

LOCATION NOTICE.

NOTICE IS HEREBY GIVEN, that the Columbia Mining Claim containing mineral-bearing quartz, earth or rock in place, located by the undersigned citizen of the United States on this 13 day of Jan 1902, has been located for mining purposes. Said claim is 1500 feet in length, and we claim 300 feet on each side of the center of discovery shaft, for full length of claim. The general course of this lode, deposit or premises, is Southwest.

This claim is situated in Globe Mining District, Gila County, Territory of Arizona, about 1/2 mile in a South direction from U. S.

Monument on the Black cap, and bounded on the Southwest by the Iron Cap.

This claim is bounded and marked as follows, to-wit: Beginning at the Northeast center end post or monument, being about 50 feet Northeast of the center of discovery shaft upon which the notice is posted; thence 300 feet in a Northwest direction to a post or monument; thence ~~750~~ 800 feet in a Southwest direction to a post or monument at the center of the ~~-----side-line-of-claim;--thence-750-feet-in-a---direction-to-a-post-er-monument;~~ thence 300 feet in a Southeast direction to a post or monument; being the center end post or monument of Southwest end of said claim and 750 feet - - - from the center of discovery shaft; thence 300 feet in a Southeast direction to a post or monument; thence 750 800 feet in a Northeast direction to a post or monument, being the center of the ~~-----side-line-of-claim;--thence-750-feet-in-a---direction-to-a-post-er-monument~~ thence 300 feet in a Northwest direction to the place of beginning.

Done under and by virtue of the laws of the United States, and the laws of the Territory of Arizona.

H. Shoap
Locators.

Witness:
Winthrop House

Recorded at request of Henry Shoap at 20 minutes past 10 o'clock

A. M., Apr

TERRITORY OF ARIZONA, }
COUNTY OF GILA } SS

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of..... Location Notice of the
"COLUMBIA" Mining Claim,

as the same appears of record in my office in Book..... 7, Records of Mines,

at page..... 537.....; 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..... 3rd.....day of

..... June....., A. D. 190..... 7.

By

E. T. Stewart
Belle Maldonado
Deputy Recorder.

LOCATION NOTICE.

NOTICE IS HEREBY GIVEN, that the Olympia Mining Claim, containing mineral-bearing quartz, earth or rock in place, located by Lizzie House citizen of the United States on this 21st day of July 1902, has been located for mining purposes. Said claim is 1500 feet in length, and we claim 300 feet on each side of the center of discovery shaft, for full length of claim. The general course of this lode, deposit or premises, is Southwest.

This claim is situated in Globe Mining District, Gila County, Territory of Arizona, about 1/2 mile in a South direction from the U. S. monument on the Black cap and is bounded as follows on the Northeast by the Columbus and the South by the Iron cap & Defiance on the North by the Cochise & Marjorie.

This claim is bounded and marked as follows, to-wit: Beginning at the Northeast center end post or monument, being 40 feet Northeast of the center of discovery shaft upon which the notice is posted; thence 300 feet in a Southeast direction to a post or monument; thence 750 1500 feet in a ~~---direction-to-a-post-or-monument-at-the-center-of-the--side--line-of-claim;-thence-750-feet-in-a~~ Southwest direction to a post or monument; ~~thence-300-feet-in-a---direction-to-a-post-or-monument,-being-the-center-end-post-or-monument-of-----~~ end of said claim and 1460 feet Southwest from the center of discovery shaft; ~~thence-300-feet-in-a---direction-to-a-post-or-monument;-thence-750-~~ 1500 feet in a ~~-----direction-to-a-post-or-monument,-being-the-center-of-the---side-line-of-claim;-thence-750-feet-in-a~~ Northeast direction to a post or monument; thence 300 feet in a Southeast direction to the place of beginning.

Done under and by virtue of the Laws of the United States, and the laws of the Territory of Arizona.

Lizzie House
Locators.

Recorded at request of Henry Shoap at 45 minutes past 1 o'clock

P. M.

R. J. Williams County Recorder.
Per G. W. Shute Deputy.

TERRITORY OF ARIZONA, }
COUNTY OF GILA } SS

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of Location Notice of the
"OLYMPIA" Mining Claim,

as the same appears of record in my office in Book 7, Records of Mines,

at page 576; that I have compared the same with the original record, and that the same is a true transcript

TERRITORY OF ARIZONA, }
 } SS
COUNTY OF GILA

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of..... **Location Notice of the**
..... **"OLYMPIA" Mining Claim,**

as the same appears of record in my office in Book..... **7, Records of Mines,**

at page..... **576**.....; 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..... **3rd**.....day of
June..... **7.**
....., A. D. 190.....

By *Belle Maloney* **E. T. Stewart**
Deputy Recorder, Gila County, A. T.
Deputy Recorder.

LOCATION NOTICE.

NOTICE IS HEREBY GIVEN that the Marjory Mining Claim, containing mineral-bearing quartz, earth or rock in place, located by Lizzie House on this 14th day of August, 1897, has been located for mining purposes.

Said claim is 1500 feet in length, and we claim 300 feet on each side of the center of discovery shaft, for full length of claim. The general course of this lode, deposit, or premises, is Northeast & Southwest. This claim is situated in Globe Mining District, Gila County, Territory of Arizona, about 2 Miles in a Northeast direction from Globe & about 100 yards from Ketchums well & is bounded on the Southwest by the Cochise Mine & on the Northeast by the Matamori Mine & runs paralele with the McMillan road.

This claim is bounded and marked as follows to wit: Beginning at the Southwest center end post or monument, being about 100 feet Southwest of the center of discovery shaft upon which the notice is posted; thence 300 feet in a Southeast direction to a post or monument; thence 750 feet in a Northeast direction to a post or monument; thence 750 feet in a Northeast direction to a post or monument at the center of the Southside side line of claim; thence 750 feet in a Northeast direction to a post or monument; thence 300 feet in a Northwest direction to a post or monument, being the center end post or monument of Northeast end of said claim and 1400 feet North East from the center of discovery shaft; thence 300 feet in a Northwest direction to a post or monument; thence 750 feet in a Southwest direction to a post or monument, being the center of the North side line of claim; thence 750 feet in a South west direction to a post or monument; thence 300 feet in a Southeast direction to the place of beginning.

Done under and by virtue of the laws of the United States, and the laws of the Territory of Arizona.

Lizzie House
Locators.

Filed and recorded at the request of Lizzie House at 30 minutes past 10 o'clock A. M., Oct. 13, A. D., 1897.

G. M. Allison County Recorder.

TERRITORY OF ARIZONA, }
COUNTY OF GILA } SS

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of.....Location Notice of the.....

TERRITORY OF ARIZONA, }
COUNTY OF GILA } ss

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of..... Location Notice of the
"MARJORY" Mining Claim,.....
as the same appears of record in my office in Book..... 6, Records of Mines,.....
at page..... 224.....; 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..... 3rd..... day of
..... June....., A. D. 190...7.

E. T. Stewart.....
County Recorder, Gila County, A. T.
By *Belle Maldonado*
Deputy Recorder.

LOCATION NOTICE.

NOTICE IS HEREBY GIVEN, that the Free America Mining Claim, containing mineral-bearing quartz, earth or rock in place, located by Mrs. James Anderson citizen of the United States on this 29 day of July 1903, has been located for mining purposes. Said claim is 1500 feet in length, and we claim 300 feet on each side of the center of discovery shaft, for full length of claim. The general course of this lode, deposit or premises, is N. 3, S.W.

This claim is situated in Globe Mining District, Gila County, Territory of Arizona, about three miles in a Easterly direction from the town of Globe, and adjoining the South side line of the Matamora Mining Claim.

This claim is bounded and marked as follows, to-wit: Beginning at the S. W. center end post or monument, being 100 feet S. W. of the center of discovery shaft upon which the notice is posted; thence 300 feet in a Northerly direction to a post or monument; thence 750 feet in a Easterly direction to a post or monument at the center of the North side line of claim; thence 750 feet in a Easterly direction to a post or monument; thence 300 feet in a Southerly direction to a post or monument, being the center end post or monument of N. E. end of said claim and 1400 feet N. E. from the center of discovery shaft; thence 300 feet in a Southerly direction to a post or monument; thence 750 feet in a Westerly direction to a post or monument, being the center of the South side line of claim; thence 750 feet in a Westerly direction to a post or monument; thence 300 feet in a Northerly direction to the place of beginning.

Done under and by virtue of the laws of the United States States, and the laws of the Territory of Arizona.

Mrs. James Anderson
Locators.

Recorded at request of James Wiley at 30 minutes past 7 o'clock P. M., October 17th, A. D. 1903.

W. D. Fisk, County Recorder.

TERRITORY OF ARIZONA, }
COUNTY OF GILA } SS

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of..... Location Notice of the.....
"FREE AMERICA" Mining Claim,.....

TERRITORY OF ARIZONA, }
COUNTY OF GILA } ss

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of..... Location Notice of the
"FREE AMERICA" Mining Claim,
as the same appears of record in my office in Book..... 9, Records of Mines,
at page..... 176.....; 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..... 3rd.....day of
..... June....., A. D. 190..... 7.....

..... E. T. Stewart.....
By Rebecca M. Scholten.....
Deputy Recorder, Gila County, A. T.

LOCATION NOTICE.

NOTICE IS HEREBY GIVEN, that the Fraction Mining Claim, containing mineral-bearing quartz, earth or rock in place, located by Lizzie House citizen of the United States on this 23 day of July 1902, has been located for mining purposes. Said claim is 1500 feet in length, and we claim 300 feet on each side of the center of discovery shaft, for full length of claim. The general course of this lode, deposit or premises, is Northeast.

This claim is situated in Globe Mining District, Gila County, Territory of Arizona, about 1/2 Mile in a South direction from U.S. monument on the Black cap and is bounded as follows on the North by the Bird & on the South by the Cochise & Marjorie claims.

This claim is bounded and marked as follows, to-wit: Beginning at the Southwest center end post or monument, being 400 feet South of the center of discovery shaft, upon which the notice is posted; thence 300 feet in a Southeast direction to a post or monument; thence 1500 feet in a ~~direction to a post or monument at the center of the line of claim; thence 750 feet in a~~ Northeast direction to a post or monument; thence 300 feet in a Northwest direction to a post or monument, being the center end post or monument of Northeast end of said claim and 1100 feet Northeast from the center of discovery shaft; thence 300 feet in a Northwest direction to a post or monument; thence 1500 feet in a ~~direction to a post or monument, being the center of the side line of claim; thence 750 feet in a~~ Southwest direction to a post or monument; thence 300 feet in a Southeast direction to the place of beginning.

Done under and by virtue of the laws of the United States, and the laws of the Territory of Arizona.

Lizzie House
Locators.

Recorded at request of Henry Shoap at 25 minutes past 1 o'clock P. M., July 24, 1902.

R. J. Williams County Recorder
Per G. W. Shute, Deputy.

TERRITORY OF ARIZONA, }
COUNTY OF GILA } SS

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of Location Notice of the "FRACTION" Mining Claim, as the same appears of record in my office in Book 7, Records of Mines,

and that the same is a true transcript of the original record.

TERRITORY OF ARIZONA, }
COUNTY OF GILA } ss

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of..... Location Notice of the
"FRACTION" Mining Claim,
as the same appears of record in my office in Book..... 7, Records of Mines,
at page..... 576.....; 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..... 3rd..... day of

..... June....., A. D. 190..... 7.

E. T. Stewart

By Belle M. McDonald County Recorder, Gila County, A. T.
Deputy Recorder.

LOCATION NOTICE.

NOTICE IS HEREBY GIVEN, that the "Friends" Mining Claim, containing mineral-bearing quartz, earth or rock in place, located by the undersigned citizen of the United States on this 23rd day of May 1900, has been located for mining purposes. Said Claim is 1500 600 feet in length, and we claim 300 feet on each side of the center of discovery shaft, for full length of claim. The general course of this lode, deposit or premises, is Southwest.

This claim is situated in Globe Mining District, Gila County, Territory of Arizona, about 3 1/2 Miles in a Northeast direction from Globe & is bounded as follows on the Northeast by the Matamory & on the Southwest by the Marjorie:

This claim is bounded and marked as follows, to-wit: Beginning at the Northeast center end post or monument, being about 150 feet Northeast of the center of discovery shaft upon which the notice is posted; thence 300 feet in a Southeast direction to a post or monument; thence 750 600 feet in a Southwest direction to a post or monument at the center-of-the-~~---~~side-line-of-claim; ~~thence-750-feet-in-a-~~---~~direction~~ to-a-post-or-monument; thence 300 feet in a Northwest direction to a post or monument, being the center end post or monument of Southwest end of said claim and 450 feet Southwest from the center of discovery shaft; thence 300 feet in a Northwest direction to a post or monument; thence-750- 600 feet in a Northeast direction to a post or monument, being-the-center-of-the-~~---~~sideline-of-claim; ~~thence-750-feet-in-a-~~-----~~direction~~ to-a-post-or-monument; thence 300 feet in a Southeast direction to the place of beginning.

Done under and by virtue of the laws of the United States, and the laws of the Territory of Arizona.

Tom Doyle
Winthrop House
H. Shoap Locators.

Recorded at request of Henry Shoap at 20 minutes past 8 o'clock A. M., August 22, 1900.

R. J. Williams County Recorder.

TERRITORY OF ARIZONA, }
COUNTY OF GILA } SS

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of Location Notice of the "FRIENDS" Mining Claim, as the same appears of record in my office in Book 7, Records of Mines, at page 148; that I have compared the same with the original record, and that the same is a true transcript

TERRITORY OF ARIZONA, }
COUNTY OF GILA } SS

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of.....Location Notice of the.....
"FRIENDS" Mining Claim,.....
as the same appears of record in my office in Book.....7, Records of Mines,.....
at page.....148.....; 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.....3rd.....day of

June

....., A. D. 1907.....

E. T. Stewart

By Belle Maldonado.....
Deputy Recorder, Gila County, A. T.

Amended
NOTICE OF MINING LOCATION
LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Columbus Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by H. Shoap a citizen of the United States the undersigned, on the 16th day of January 1902.

The length of this claim is 1500 feet, and we claim 100 feet, in a northeast direction and 1400 feet in a southwest direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the northeast to the southwest.

The claim is situated and located in the Globe Mining District, in Gila County, in the Territory of Arizona, about one-half mile in a southerly direction from U. S. M. M. on Black Cap and is bounded on the south by the Rose and Iron Cap mining claims, on the west by the Wedge and on the north by the Marjorie and Friends.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at - - - - at a point in a northeast direction 100 feet from the dsiccovery shaft (at which this notice is posted,) being in the center of the northeast end line of said claim; thence southeast 300 feet to a monument, being the southeast, corner of said claim; thence southwest 1500 feet to a monument, being at the southeast corner of said claim; thence northwest 300 feet to a monument at the center of the southwest end of said claim; thence northwest 300 feet to a monument, being at the southwest corner of said claim; thence northeast 1500 feet to a monument at the northwest corner of said claim; thence southeast 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 to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Columbus Mining Claim, located by H. Shoap on the 16th day of January 1906 and recorded in Book 7 of Records of Mines, at page 537 in the office of the County Recorder of the aforesaid County of Gila to which reference is hereby made, and this amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 12th day of July 1906.

The Iron Cap Mining and Milling
Company.

By J. B. Coplen Manager

Filed and recorded at the request of George R. Hill, on the 13 day of July A. D. 1906 at 40 minutes past 11 o'clock A. M.

W. D. Fisk County Recorder.
By Richard Fleming
Deputy Recorder.

TERRITORY OF ARIZONA, }
COUNTY OF GILA } ss

I, E. T. STEWART, County Recorder in and for the County of Gila, Territory of Arizona, do hereby certify that the above and foregoing contain and constitute a full, true and correct copy of..... Amended Location Notice of the
"COLUMBUS" Mining Claim,.....
as the same appears of record in my office in Book..... 12, Records of Mines,.....
at page..... 116.....; 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..... 3rd.....day of
..... June....., A. D. 190..... 7.

By E. T. Stewart
Belle Maldonado County Recorder Gila County, A. T.
Deputy 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 24, 1907.

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 National Mining Exploration Company,

known as the Iron Cap, Olympia, Columbus, Columbia, Marjory, Free America, Fraction, Copper Age and Friends, situate in Globe

Mining District, Gila County, Arizona,

in Section -----, Township No. 1 N., Range No. 16 E., and

designated as Survey No. 2430, 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 improved or for each of S^s or its grantors, and that said improvements made upon said mining claim consist of 9 shafts, 9 cuts, 2 tunnels and 845 ft. of cross-cuts, total value \$30,720.00, shaft No. 2 on the Iron Cap lode being a common improvement, and an undivided 1/9 interest therein, valued at \$3413.33 is credited to each claim of the survey.

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 24, 1907.

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 National Mining Exploration Company,

known as the
Iron Cap, Olympia, Columbia, Columbus, Marjory, Free America, Fraction,
Copper Age and Friends,

situate in Globe Mining District,

Gila County, Arizona,

in Section -----, Township No. 1 N., Range No. 16 E.

designated as Survey No. 2430

executed by Howard T. Wayne, U. S. Deputy Mineral

Surveyor, June 13, July 3, 1907, under my instructions dated

June 5, 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.

Frank S. Galloway

U. S. Surveyor-General for Arizona.

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