

Copied Feb. 3, 1910.

A. L. H.

platted

DEC 17 1909

OCT 21 1909

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4-683.

Mineral Survey No. 2639

Lot No. _____

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

INSPIRATION COPPER COMPANY

KNOWN AS THE

Bull Dog, Louis, Bull Pup, Colorado No. 2

GLOBE Mining District,

GILA County, ARIZONA

~~Section~~ In unsurveyed Township 1 N., Range 14 E.G. & S.R.B. & M.

within boundaries of
Surveyed under instructions dated March 6, 1909 Crook National Forest Reserve

by FRANK ANDERSON.

U. S. Deputy Mineral Surveyor

Claim located See location notices., 1

Survey commenced March 6, 1909

Survey completed March 9, 1909

Address of claimant's attorney,

Curtis H. Lindley,

Mills Building,

San Francisco, Cal.

NAME OF LOCATION.

DATE OF LOCATION.

Bull Dog lode

Amended March 1,1909

Louis lode.

January 1,1901

Bull Pup lode.

Amended March 2,1909

Colorado No.2 lode.

Amended March 1,1909

SURVEY NO.2639.

BULL DOG LODE.

Feet.

Beginning at Cor.No.1

Identical with Cor.No.1, Bull Dog lode, Sur.No.2089,
On line 2-3, Louis lode of this survey, and line 2-3
Louis lode, Sur.No.2089,

A sawed pine post 4 ins.square, 4 ft.long, set 18
ins.in the ground, in mound of earth and stone, which
I scribed 1-2639 B D; whence

The section corner common to secs.19 and 30, on the
West boundary of T.1. N., R.15 E., G. & S.R.B. & M., bears
N.81°13'E., 5517.3 ft.

No bearing objects available.

Thence N.54° 33'W.

68.2 Intersect line 2-3, Colorado lode, Sur.No.2379 at N.3°
04'E. 129.3 ft.from Cor.No.3.

198.0 Intersect line 2-3. Colorado lode, Sur.No.2382, at S.
0°33'W. 120.2 ft.from Cor.No.2.

248.2 Intersect line 2-3, Colorado No.2 lode, of this survey.

556.1 Intersect line 3-4, Caravel lode, Sur.No.2379, at N.75°
04'E. 488.2 ft.from Cor.No.3.

557.6 Cor.No.3, Louis lode, of this survey, and of Sur.No.2089 on line.
840.0 Ridge, bearing northeasterly and southwesterly.

1028.0 Road, bearing northerly and southerly.

1110.3 To Cor.No.2,

Identical with Cor.No.2, Bull Dog lode, Sur.No.2089,

A sawed pine post, 4 ins.square, 4 ft.long, set 18
ins.in the ground, in mound of earth and stone, which
I scribed 2-2639 B D

No bearing objects available.

4

SURVEY NO. 2639.

Feet.	Bull Dog Lode, Continued.
	Thence S.34° 55'W.
292.0	Intersect lines 1-2 and 2-3 of the Clipper and Caravel lodes, Sur.No.2379, respectively, at N.10° 09'E. 263.5 ft.from Cor.Nos.2-3.
295.0	West end center location corner, at end of lode line.
584.8	To Cor.No.3, Identical with Cor.No.5, Red Mountain lode, Sur.No. 2565; also Cor.No.3, Bull Dog lode, Sur.No.2089. On line 2-3, Clipper lode, Sur.No.2379, A sawed pine post, 4 ins.square, 4 ft.long, set 18 ins.in the ground, in mound of earth and stone, which I scribed 3-2639 B D ; whence Cor.Nos.2,3, Clipper and Caravel lodes, Sur.No.2379, respectively, bears S.80° 59'E. 122.7 ft. Cor.No.4, Last Chance lode, Sur.No.2565, bears S.54° 55'E. 688.7 ft. Cor. No. 4, Copper Hill lode, Sur. No. 2565, bears S.79° 10'E. 118.7 ft. An oak tree. 8 ins. in diameter, blazed and scribed 3-2639-B.T. bears N.26° 42'E. 74.8 ft.
	Thence S.54° 33'E.
40.0	Ridge, bearing northeasterly and southwesterly.
86.2	Intersect line 3-4, Copper Hill lode, Sur.No.2565, at S. 59° 12'W. 54.0 ft.from Cor.No.4.
285.0	Road, bearing northerly and southerly.
369.7	Intersect line 3-4, Bull Pup lode, of this survey.
678.8	Intersect line 4-1, Copper Hill lode, Sur.No.2565, at S.49° 36'E. 573.0 ft.from Cor.No.4.
686.7	Intersect line 3-4, Last Chance lode, Sur.No.2565, at S.59° 12'W. 4.8 ft.from Cor.No.4.

SURVEY NO. 2639.

Feet.

Bull Dog Lode, Continued.

697.0

Intersect line 4-1, Last Chance lode, Sur. No. 2565, ^{identical with line 2-3 of the Bull Pup lode, Sur. No. 2382,} at
of the Last Chance lode & Cor. No. 3 of the Bull Pup lode, from Cor. No. 3 of the Bull Pup lode Cor. No. 4 thereof brs. N. 49° 30' W. 318.4 ft.
S. 26° 27' E. 9.4 ft. from Cor. No. 4, also intersect line
2-3, Contention lode, Sur. No. 2379, at S. 16° 56' E. 38.3
ft. from Cor. No. 2.

946.7

Intersect line 3-4, Humbolt lode, Sur. No. 2382, at S. 4°
38' E. 76.7 ft. from Cor. No. 4,

1074.7

W.C. to Cor. No. 4, Bull Dog lode, Survey No. 2089 on line.

1110.3

To Cor. No. 4,
Identical with Cor. No. 4, Bull Dog lode, Sur. No. 2089,
In gulch draining southeasterly,

A sawed pine post 4 ins. square, 4 ft. long, anchored
to the bed rock and protected from floods, by mound of
large rocks, suitably placed to withstand them.

Cor. No. 2, Contention lode, Sur. No. 2379, bears N. 51°
32' W. 444.3 ft.

Cor. No. 4, Bull Pup lode, of this survey, bears N. 36°
22' W. 766.7 ft.

Cor. No. 5 Bull Pup lode, Sur. No. 2382, bears N. 29° 44'
30" W. 797.1 ft.

Cor. No. 3, Colorado No. 2 lode, of this survey, bears
N. 33° 15' E. 235.9 ft.

Cor. No. 4, Humbolt lode, Sur. No. 2382, bears N. 39° 10'
W. 220.8 ft.

An oak tree, 7 ins. diam., blazed and scribed 4-2639
B T, bears N. 4° 24' E. 81.1 ft.

Thence N. 34° 55' E.

241.6

Intersect line 4-1, Humbolt lode, Sur. No. 2382, at N.
84° 30' E. 279.1 ft. from Cor. No. 4; also line 3-4, Colora-
do No. 2 lode, of this survey.

SURVEY NO.2639.

- Bull Dog Lode, Continued.
- Feet. 263.8 Intersect line 4-1, Bull Pup lode, of this survey.
 - 289.8 East end center location corner at end of lode line, whence the discovery bears N.54° 33'W. 425.0 ft.
 - 297.1 Intersect line 5-1, Bull Pup lode, Sur.No.2382, at S. 51° 35'E. 721.8 ft. from Cor.No.5; also line 2-3, Colorado lode, Sur.No.2382, at S.0° 33'W. 470.9ft.from Cor. No.2.
 - 475.6 Intersect line 1-2, Contention lode, Sur.No.2379, at N. 79° 37'E. 630.4 ft.from Cor.No.2; also Cor.No.3, Colorado lode, Sur.No.2379, on line.
 - 584.8 To Cor.No.1, the place of beginning.

LOUIS LODE.

Beginning at Cor.No.1,
 Identical with Cor.No.1, Louis lode, Sur.No.2089,
 A sawed pine post, 4 ins.square, 4 ft.long, set 18 ins.in the ground, in mound of earth and stone, which I scribed 1-2639 L; whence
 The sec.cor.common to secs.19 and 30, on West boundary of T.1 N., R.15 E., G. & S. R. B. & M., bears N.83°56'E. 5112.1 ft.
 Cor.No.2, Colorado lode, Sur.No.2379, bears N.71° 28' W. 425.6 ft.
 Cor.Nos.4-3, Caravel and Apex lodes, Sur.No.2379, respectively, bears N.48° 35'W.278.9 ft.
 No bearing objects available.

Thence S.33° 03'W.

- 19.8 Cor.No.1, Colorado No.2 lode, this survey, on line; also Cor.No.1 Colorado lode, Sur.No.2382.

SURVEY NO. 2639.

- Feet. Louis Lode, Continued.
- 211.7 East end center location corner at the end of lode line, whence the discovery bears N.70° 29'W. 237.1 ft.
 - 422.6 Intersect line 3-4, Colorado lode, Sur.No.2379, at N.79° 37'E. 204.6 ft.from Cor.No.3; also line 1-2, Contention Extension lode, Sur.No.2379, at N.79° 37'E. 28.8 ft. from Cor.No.2.
 - 459.9 Intersect lines 2-3, and 4-1, Contention Extension and Contention lodes, Sur.No.2379, respectively, at S.16° 56'E. 27.3 ft.from Cor.Nos.2-1.
 - 460.2 To Cor.No.2,
 Identical with Cor.No.2, Louis lode, Sur.No.2089,
 A sawed pine post, 4 ins.square, 4 ft.long, set 18 ins. in ground, in mound of earth and stone, which I scribed 2-2639 L; whence
 Cor.Nos.1-2, Contention and Contention Extension lodes, Sur.No.2379, respectively, bears N.16° 28'W. 27.5 ft.
 Center of shaft 5 x 6 x 11 ft.deep, bears S.53° 57'E. 10.5 ft.
 A cedar tree, 5 ins.diam., blazed and scribed 2-2639 B T, bears S.49° 36'W. 28.4 ft.
-
- Thence N.54° 33'W.
- 38.1 Intersect line 1-2, Contention lode, Sur.No.2379, at S.79° 37'W. 23.6 ft.from Cor.No.1; also line 3-4, Colorado lode, Sur.No.2379, at N.79° 37'E. 152.2 ft.from Cor. No.3.
 - 145.1 Cor.No.1, Bull Dog lode, of this survey, on line; also Cor.No.1, Bull Dog lode, Sur.No.2089.
 - 213.3 Intersect line 2-3, Colorado lode, Sur.No.2379, at S.3°

SURVEY NO. 2639.

Feet. Louis Lode- Continued.

04'W. 397.9 ft. from Cor.No.2.

343.1 Intersect line 2-3, Colorado lode, Sur.No.2382, at S.0°
33'W. 120.2 ft. from Cor.No.2.

393.3 Intersect line 2-3, Colorado No.2 lode, of this survey.

701.2 Intersect line 3-4, Caravel lode, Sur.No.2379, at S.75°
04'W. 634.5 ft. from Cor.No.4.

702.7 To Cor.No.3,
On line 1-2, Bull Dog lode, of this survey,
Identical with Cor.No.3, Louis lode, Sur.No.2089,
A sawed pine post, 4 ins.square, 4 ft.long, set 18
ins.in the ground, in mound of earth and stone, which I
scribed 3-2639 L.
No bearing objects available.

Thence N.33° 03'E.

250.6 West end center location corner, at end of lode line.

317.0 Ridge, bearing northeasterly and westerly.

539.6 To Cor.No.4,
Identical with Cor.No.4, Louis lode, Sur.No.2089,
A sawed pine post, 4 ins.square, 4 ft.long, set 18
ins.in the ground, in mound of earth and stone, scribed
4-2639 L; whence
An oak tree, 6 ins.diam., blazed and scribed 4-2639
B T, bears S.8° 49'E. 17.7 ft.

Thence S.48° 08'E.

160.0 Ridge, bearing northeasterly and southwesterly.

430.3 Intersect lines 4-1 and 2-3, Caravel and Apex lodes,
Sur.No.2379, respectively, at N.10° 13'E. 2.6 ft. from
Cor.Nos.4 and 3.

SURVEY NO. 2639.

Feet.

Louis Lode, Continued.

- 433.1 Intersect line 1-2, Colorado lode, Sur.No.2379, at N.75° 47'E. 203.1 ft. from Cor.No.2.
- 434.1 Intersect line 3-4, Apex lode, Sur.No.2379, at S.89° 36'E. 3.3 ft. from Cor.No.3.
- 710.5 To Cor.No.1, the place of beginning.

BULL PUP LODE.

Beginning at Cor.No.1,

A sawed pine post, 4 ins. square, 4 ft. long, set 18 ins. in the ground, in mound of earth and stone, which I scribed 1-2639 B P; whence

The corner common to secs. 19 and 30, on West boundary of T.1 N., R. 15 E., G. & S. R. B. and M., bears N.73° 22'E. 5254.4 ft.

Corner No.3, Colorado No.2 lode, of this survey, bears N.58° 41'W. 729.9 ft.

Cor.No.4, Humbolt lode, Sur.No.2382, bears N.68° 23' W.959.8 ft.

A pine tree, 5 ins. in diameter, blazed and scribed 1-2639 B T, bears S.54° 54'E. 26.4 ft.

Thence S.38° 22'W.

- 157.9 Intersect line 2-3, Humbolt lode, Sur.No.2382, at N.89° 10'E. 754.7 ft. from Cor.No.3.
- 204.2 East end center location corner, at end of lode line, identical with
Cor.No.3, Wedge lode, Sur.No.2382; also intersect line 3-4, Pilot lode, Sur.No.2565, at S.71° 40'E.900.5 ft. from Cor.No.3.
- 504.1 To Cor.No.2,

SURVEY NO. 2639.

Feet.

Bull Pup Lode- Continued.

In gulch, draining southeasterly,

A sawed pine post, 4 ins. square, 4 ft. long, set 18 ins. in the ground, in mound of large stones, so set as to withstand floods, scribed same, 2-2639 B P; whence

Cor. No. 3, Pilot lode, Sur. No. 2565, bears N. 52° 13' W. 846.1 ft.

An oak tree, 6 ins. diam., blazed and scribed 2-2639 B T, bears S. 36° 07' W. 13.9 ft.

Thence N. 56° 29' W.

- 475.6 Intersect line 2-3, Humbolt lode, Sur. No. 2382, at N. 89° 10' E. 143.4 ft. from Cor. No. 3.
- 657.7 Intersect line 3-4, Humbolt lode, Sur. No. 2382, at S. 4° 38' E. 387.1 ft. from Cor. No. 4.
- 662.4 Intersect line 4-1, Last Chance lode, Sur. No. 2565, at S. 26° 27' E. 513.9 ft. from Cor. No. 4.
- 841.2 Intersect line 2-3, Pilot lode, Sur. No. 2565, at S. 31° 14' W. 63.0 ft. from Cor. No. 3.
- 1231.0 Intersect line 3-4, Last Chance lode, Sur. No. 2565, at S. 59° 12' W. 285.3 ft. from Cor. No. 4; also line 1-2, Copper Hill lode, Sur. No. 2565, at S. 59° 12' W. 279.8 ft. from Cor. No. 1.
- 1448.5 To Cor. No. 3,
- A sawed pine post, 4 ins. square, 4 ft. long, set 18 ins. in the ground, in mound of earth and stone, scribed 3-2639 B P; whence
- Cor. No. 4, Last Chance lode, Sur. No. 2565, bears N. 86° 31' E. 427.2 ft.
- Cor. No. 1, Copper Hill lode, Sur. No. 2565, bears N. 86° 51' E. 422.3 ft.
- An oak tree, 16 ins. diam., blazed and scribed 3-2639

SURVEY NO.2639.

Feet.

Bull Pup Lode, Continued.

B T, bears S.45° 59'E. 137.8 ft.

Thence N.38° 22'E.

204.2 West end center location corner, at end of lode line, whence the discovery bears S.60° 14'E. 530.0 ft.

264.5 Intersect line 3-4, Bull Dog lode, of this survey.

291.1 Intersect line 4-1, Copper Hill lode, Sur.No.2565, at N. 49° 36'W. 316.4 ft.from Cor.No.1.

296.9 Cor.No.4, Bull Pup lode, Sur.No.2382, on line.

504.1 To Cor.No.4,

On line 4-5, Bull Pup lode, Sur.No.2382,

A sawed pine post, 4 ins.square, 4 ft.long, set 18 ins.in the ground, in mound of earth and stone, which I scribed 4-2639 B P; whence

Cor.No.2, Contention lode, Sur.No.2379, bears S.17° 23'E.357.3 ft.

Cor.No.5, Bull Pup lode, Sur.No.2382, bears N.38° 22'E. 95.3 ft.

The center of the west compartment of the two-compartment Bull Dog Shaft, 6½ x 10½ ft.in cross section, now being sunk, bears N.33° 20'E. 138.0 ft.

Thence S.56° 29'E.

450.0 Gulch, draining southeasterly.

511.5 Intersect line 1-2, Contention lode, Sur.No.2379, at N. 79° 37'E. 325.0 ft.from Cor.No.2.

700.9 Intersect line 2-3, Colorado No.2 lode, of this survey.

726.5 Intersect line 4-1, Bull Dog lode, of this survey; also line 4-1, Bull Dog lode, Sur.No.2089, at N.34° 55' E. 263.8 ft. from Cor. No.4.

SURVEY NO. 2639.

Feet.

Bull Pup Lode- Continued.

- 749.1 Intersect line 2-3, Colorado lode, Sur.No.2382, at N.0° 33'E. 2.9 ft. from Cor.No.3.
- 753.7 Intersect line 3-4, Colorado No.2 lode, of this survey; also line 3-4, Colorado lode, Sur.No.2382; also line 4-1, Humbolt lode, Sur.No.2382, at N.84° 30'E. 314.5 ft. from Cor.No.4.
- 786.0 Intersect line 1-2, Bull Pup lode, Sur.No.2382, at S.38° 24'W. 28.2 ft. from Cor.No.1.
- 1007.4 Intersect line 3-4, Contention lode, Sur.No.2379, at N. 73° 05'E. 638.7 ft. from Cor.No.3.
- 1059.7 Intersect line 4-1, Wedge lode, Sur.No.2382, at S.68° 12'E. 67.7 ft. from Cor.No.4.
- 1448.5 To Cor.No.1, the place of beginning.

 COLORADO NO.2 LODE.

Beginning at Cor.No.1,

On line 1-2 Louis lode, of this survey; also on line 1-2 Louis lode, Sur.No.2089.

Identical with Cor.No.1, Colorado lode, Sur.No.2382,

A sawed pine post, 4 ins. square, 4 ft. long, set 18 ins. in the ground, in mound of earth and stone, which I scribed 1-2639-C. whence,

The section corner common to secs. 19 and 30, on west boundary of T.1 N., R.15 E., G. and S.R.B. and M., bears N.83° 46'E., 5124.6 ft.

No bearing objects available.

 Thence S.84° 30'W.

- 291.0 North end center location corner at end of lode line.
- 404.8 Intersect line 2-3, Colorado lode, Sur.No.2379, at N.

SURVEY NO.2639.

Feet.

Colorado No.2 Lode- Continued.

3° 04'E. 336.2 ft.from Cor.No.3,

520.9 Cor.No.2, Colorado lode, Sur.No.2382, on line, whence Cor.No.3
bys. S.0° 33'W. 513.5 ft.

562.5 To Cor.No.2,

A sawed pine post, 4 ins.square, 4 ft.long, set 18
ins.in the ground, in mound of earth and stone, scribed
2-2639 C .

No bearing objects available.

Thence S.0° 26'W.

87.1 Intersect line 1-2, Bull Dog lode of this survey; also
line 1-2, Bull Dog lode, Sur.No.2089.

346.5 Intersect line 1-2, Contention lode, Sur.No.2379, at S.
79° 37'W. 319.8 ft.from Cor.No.1,

435.1 Intersect line 5-1, Bull Pup lode, Sur.No.2382, at N.
51° 35'W. 112.3 ft.from Cor.No.1.

480.1 Intersect line 4-1, Bull Pup lode, of this survey.

513.4 To Cor.No.3,

On line 4-1, Humbolt lode, Sur.No.2382, at N.84° 30'
E.270.1 ft.from Cor.No.4,

A sawed pine post, 4 ins.square, 4 ft.long, set 18
ins.in the ground, in mound of earth and stone, scribed
3-2639 C; whence

A cedar tree, 5 ins.diam., blazed and scribed 3-2639
BT. bears S.17° 10'W.33.4 ft.

Thence N.84° 30'E.

9.0 Intersect line 4-1, Bull Dog lode, of this survey; also
line 4-1, Bull Dog lode, Sur.No.2089.

40.5 Cor.No.3, Colorado lode, Sur.No.2382, on line.

Feet. Colorado No. 2, Lode- Continued.

44.4 Intersect line 4-1, Bull Pup lode, of this survey.

89.0 Cor. No. 1, Bull Pup lode, Sur. No. 2382, on line.

271.5 South end center location corner at end of lode line, whence the discovery bears $N.0^{\circ} 26'E. 24.1$ ft.

375.0 Intersect lines 4-1 and 2-3, Contention and Contention Extension lodes, Sur. No. 2379, respectively, at $S.16^{\circ} 56'E. 197.1$ ft. from Cor. Nos. 1-2.

562.5 To Cor. No. 4,
 On line 4-1, Humbolt lode; also on line 3-4, Mexico lode, both of Sur. No. 2382.
 Identical with Cor. No. 4, Colorado lode, Sur. No. 2382.
 A sawed pine post, 4 ins. square, 4 ft. long, set 18 ins. in the ground, in mound of earth and stone, which I scribed 4-2639 C.; whence
 Cor. Nos. 1-2, Contention and Contention Extension lodes Sur. No. 2379, respectively, bears $N.55^{\circ} 03'W. 297.8$ ft..
 A pine tree 6 ins. in diameter, blazed and scribed 4-2639 B T bears $S.39^{\circ} 50'E. 152.7$ ft.

Thence $N.0^{\circ} 26'E.$

215.6 Cor. No. 1 Contention Extension lode, Sur. No. 2379 on line; whence Cor. No. 2 Contention Extension lode bears $S.79^{\circ} 37'W. 249.8$ ft.
 also intersect 3-4, Colorado lode, Sur. No. 2379, at $N.79^{\circ} 37'E. 425.6$ ft. from Cor. No. 3.

501.4 Cor. No. 4, Mexico lode, Sur. No. 2382, on line.

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

Variation at all corners is $13^{\circ} 25'E.$

SURVEY NO. 2639.

LODE LINES.

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

Bull Dog lode, N.54° 33'W. 685.3 ft. and S.54° 33' E.425.0 ft.

Louis lode, S.70° 29'E. 237.1 ft. and N.46° 29'W. 479.5 ft.

Bull Pup lode S.60° 14'E. 929.7 ft. and N.60° 14' W. 530.0 ft. From the East End Center location corner along lode line a mineralized cut bears N.60° 14'W. 38 ft.

Colorado No.2 lode, N.0° 26'E. 489.3 ft. and S.0° 26'W. 24.1 ft.

A R E A.

Total area Bull Dog lode,	14.905	acs. ✓
Area in conflict with		
Sur.No.2089, Bull Dog lode,	14.905	acs. ✓
Sur.No.2379, Clipper lode,	0.371	" ✓
Sur.No.2379, Caravel lode,	3.742	" ✓
Sur.No.2382, Bull Pup lode,	5.165	" ✓
Sur.No.2382, Colorado lode,	0.654	" ✓
Sur.No.2382, Humbolt lode,	0.699	" ✓
Sur.No.2379, Colorado lode,	0.086	" ✓
Sur.No.2379, Contention lode,	2.532	" ✓
Sur.No.2565, Copper Hill lode,	0.336	" ✓
Sur.No.2565, Last Chance lode,	0.001	" ✓
Total area Louis lode,	8.057	acs. ✓

Area in conflict with

SURVEY NO. 2639.

Sur.No.2089, Louis lode,	8.057	acs.
Sur.No.2379, Caravel lode,	2.659	"
Sur.No.2379, Apex lode,.....	0.000+	"
Sur.No.2379, Colorado lode,	3.519	"
Sur.No.2379, Colorado lode, (exclusive of its conflict with Sur.No.2379, Car- avel lode (004).....	3.513	"
Sur.No.2379, Colorado lode, (exclusive of its conflict with Sur.No.2379, Apex lode (000).....	3.519	"
Sur.No.2379, Colorado lode (exclusive of its conflict with Sur.No.2379, Car- avel and Apex lodes)	3.513	"
Sur.No.2379, Contention lode,	0.007	"
Sur.No.2379, Contention Extension lode,	0.009	"
Sur.No.2382, Colorado lode,	2.448	"
Total area of Bull Pup lode,16.702 acs.		
Area in conflict with		
Sur.No.2639, Bull Dog lode,.....	4.233	"
Sur.No.2382, Bull Pup lode,	5.657	"
Sur.No.2565, Copper Hill lode,	1.686	"
Sur.No.2565, Copper Hill lode, ex- clusive of its conflict with Bull Dog lode, this survey,	1.592	"
Sur.No.2565, Last Chance lode,	1.678	"
Sur.No.2565, East Chance lode, ex- clusive of its conflict with Bull Dog lode, this survey,	1.677	"
Sur.No.2379, Contention lode,	4.356	"
Sur.No.2382, Wedge lode,	1.122	"
Sur.No.2382, Wedge lode, exclusive of its conflict with Sur.No.2382 Humbolt lode,	0.022	"

SURVEY NO. 2639.

Sur.No.2382, Humbolt lode,	7.312	acs.	
Sur.No.2382, Humbolt lode, exclusive of its conflict with Bull Dog lode, this survey,	6.613	"	
Sur.No.2382, Humbolt lode, exclusive of its conflict with Sur.No.2565 Pilot lode,.....	5.900	"	
Sur.No.2382, Humbolt lode, exclusive of its conflict with Sur.No.2565, Pilot lode and Bull Dog lode, this survey,	5.201	"	×
Sur.No.2565, Pilot lode,.....	3.520	"	×
Sur.No.2565, Pilot lode, exclusive of its conflict with Sur.No.2382, Bull Pup lode, exclusive of its conflict with Sur.No. 2382, Humbolt lode,	3.435	"	
Sur.No.2565, Pilot lode, exclusive of its conflict with Sur.No.2565, Last Chance lode,	3.326	"	×
Sur.No.2565, Pilot lode, exclusive of its conflicts with Sur.No.2382, Bull Pup lode, exclusive of its conflict with Sur.No.2382 Humbolt lode, and also ex- clusive of Sur.No.2565, Last Chance lode,	3.243	"	
Sur.No.2382, Colorado lode,	0.000+		
Total area Colorado No.2 lode,6.594	Acs.	
Area in conflict with			
Sur.No.2382, Colorado lode,	6.113	"	
Sur.No.2382, Bull Pup lode,	0.080	"	
Sur.No.2639, Bull Dog lode,	1.022	"	
Sur.No.2639, Louis lode,	2.546	"	
Sur.No.2639, Bull Pup lode,	0.017	"	
Sur.No.2639, Bull Pup lode, exclusive of its conflict with Bull Dog lode of this survey,	0.007	"	
Sur.No.2379, Colorado lode,	2.974	"	
Sur.No.2379, Contention lode,	1.433	"	

SURVEY NO. 2639.

Sur.No.2379, Contention Extension lode,1.023 acs.

The survey of each lode of this location is identical with the respective location of the Louis lode, and with respective amended location of the Bull Dog, Bull Pup, and Colorado No.2 lodes, as staked upon the ground. All location corners were found standing in place.

L O C A T I O N.

This survey is located in unsurveyed T. 1 N., R. 14 E., G. and S.R.B.and M., Globe Mining District, Gila County, Arizona; within boundaries of the Crook National Forest Reserve.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

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

BULL DOG LODE:

No.1, The discovery point, on a mineralized outcrop of rock in place, bears N. 54° 33'W. 425.0 ft.from the East End Center.

No.2, A shaft 6 x 6 x 8 ft.deep, in rock, which bears from Cor.No.1, Bull Dog lode, S.89° 48'E. 498.5 ft.

Value, \$40.00.

SURVEY NO.2639.

No.3,

A shaft 5 x 5 x 34.0 ft.deep, in rock, which bears from Cor.No.4, Bull Dog lode, N. 7° 37'W. 393.0 ft.

Value,\$200.00.

No.4,

The Bull Dog Shaft, double compartment, 6.5 x 10.5 ft., 35 ft.deep, well timbered, in rock; the center of the west compartment bears from Cor.No.2, Bull Dog lode, S. 26° 22'E. 436.6 ft.

Value,\$1,050.00

Value of 1/4 interest, \$525.00.

An undivided one-fourth interest in this shaft is credited to each lode location of this survey.

This shaft tends to the development of these lodes, inasmuch as drifts run from the bottom of same will intersect at depth the veins of these lodes, and is a most economical and practical method for their development.

No.5,

~~An undivided one-half interest in~~ The Bull Dog Tunnel 4 x 6 ft., 321.5 ft.long, and cut approach to same, 4 x 31 ft., 17 ft.face; two drifts 4 x 6 ft., 33 ft. and 27 ft.long, respectively; and an incline winze 4 x 6 ft., 65 ft.long, all in solid rock.

The mouth of Bull Dog Tunnel, where it breaks cover, bears from Cor.No.4 Bull Dog lode, N.14° 03' W. 371.5 ft. Tunnel runs thence N.18 49'E. 89.5 ft.to Sta.56; thence N.19° 48'E. 232.0 ft.to face.

Open cut averaging 4 x 8.5 ft., 31 ft.long, approach to tunnel, bears from face, which is at mouth of tunnel S.18° 49' W. 31 ft.to where it breaks ground.

From Sta.56 a drift runs N.72° 00'E. 33.0 ft.to face. From a point in tunnel N.18° 49'E. 37.0 ft.from the mouth, a drift runs S.77° 30'E. 27.0 ft.to the bottom of a vertical shaft described under improvement No. 3. From this point an incline winze runs S.79° 40'E. 65.0 ft.on a dip of 46° 30' to bottom.

50

SURVEY NO. 2639.

An undivided one-half interest in the above improvements is credited to the Bull Dog and Louis lodes of this survey.

Value main tunnel, 321.5 ft. long, and cut approach 36 ft. long, at least,	\$1,200.00.
Value of 60 ft. of drifts, at least,	\$500.00.
Value of winze, 65 ft. deep, at least,	\$400.00.
T o t a l	\$2,100.00.
Value of 1/2 interest,	\$1,050.00.

These improvements were previously applied upon the same two lodes, under Survey No. 2089, and the valuation given is made to agree with the returns of same; and in my opinion is a very low valuation.

This tunnel is on the Bull Dog lode, and, extended on its present course, will intersect the veins of the Louis lode at depth; and is a most economical and practical method for the development of said lodes.

Note: An undivided one-fourth interest in the Mercer improvement No. 2 on the Americas lode, Sur. No. 2379, Tunnel, the details of which are returned in my Supplemental Report of Improvements to Survey No. 2379, is credited to this lode. The mouth of tunnel bears N. 31° 52' E. 536.8 ft. from Cor. No. 2.

Value,	\$5,265.00.
Value 1/4 interest,	\$1,316.25.

LOUIS LODE:

No. 1, The Discovery point, on a mineralized outcrop of rock in place, bears N. 70° 29' W. 237.1 ft. from the East End Center.

No. 2, A cut, 4 x 22 ft., 10 ft. face, and a tunnel 4 x 6 x 20 ft. long, in rock; the mouth of tunnel, where it breaks cover, bears from Cor. No. 1 Louis lode, S. 75° 50' W. 342.4 ft. and tunnel runs thence N. 4° 20' W. 13.20 ft. face.

SURVEY NO. 2639.

59' W. 342.4 ft.; and tunnel runs thence N. 4° 30' W. 20.0 ft. to face.

Open cut runs from face, which is at mouth of tunnel S. 4° 30' E. 22.0 ft. to where it breaks ground.

Value of cut and tunnel,\$125.00

Note: An undivided $\frac{1}{2}$ interest in tunnel No. 5 on the Bull Dog lode of this survey is credited to this lode, Value, \$1050.00

Note: An undivided $\frac{1}{4}$ interest in shaft No. 4 on the Bull Dog lode of this survey is credited to this lode, Value, \$525.00

BULL PUP LODE:

No. 1 The discovery point on a mineralized outcrop of rock in place, bears S. 60° 14' E. 530.0 ft. from the West End Center.

No. 2 A cut, 5 x 14 ft., 10 ft. face; and a tunnel 3 x 6 x 10 ft. long, in rock; the mouth of tunnel, where it breaks cover, bears from Cor. No. 3 Bull Pup lode, S. 76° 17' E. 580.9 ft., and runs thence N. 69° 25' W. 10.0 ft. to face.

Open Cut runs from face, which is at mouth of tunnel, S. 69° 25' E. 14.0 ft. to where it breaks ground.

Value of cut and tunnel,\$50.00.

Note:

An undivided one-fourth interest in the Mercer designated as tunnel No. 2 on the Americus lode, Sur. No. 2379, Tunnel, is credited to this lode, the details of which are returned in my Supplemental Report of Improvements to Sur. No. 2379.

Value of Tunnel,\$5,265.00

Value of $\frac{1}{4}$ interest,\$1,316.25.

Note:

An undivided one-eighth interest in the Taylor designated as tunnel No. 2 on the Humbolt lode, Sur. No. 2382 Tunnel, and drifts from same, is credited to this lode, the details of which are returned in my Supplemental Report of Improvements to Sur. No. 2382. The mouth of tunnel bears N. 34° 00' W. 486.3 ft. from Cor. No. 2.

Value of tunnel with drifts,\$5,637.00

Value of $\frac{1}{8}$ interest,\$704.62.

Note: An undivided $\frac{1}{4}$ interest in shaft No. 4 on the Bull Dog lode, this survey, is credited to this lode, Value, \$525.00

SURVEY NO. 2639.

COLORADO NO. 2 LODGE:

No. 1, The discovery point on a mineralized outcrop of rock in place, bears N. 0° 26' E. 24.1 ft. from the South End Center.

No. 2, A Cut 4 x 15 ft., 10 ft. face, and a tunnel 3 x 6 ft., 23.0 ft. long, in rock; the mouth of tunnel where it breaks cover, bears from Cor. No. 3, Colorado No. 2 lode, N. 75° 48' E. 270.3 ft. Tunnel runs thence N. 1° 45' W. 23.0 ft. to face.

Open cut runs from face, which is at mouth of tunnel S. 1° 45' E. 15.0 ft. to where it breaks ground.

Value of cut and tunnel, \$125.00.

Note:

An undivided one-eighth interest in the Taylor designated as improvement No. 2 on the Hambolt lode, Sur. No. 2382. Tunnel and drifts from same, is credited to this lode, the details of which are returned in my Supplemental Report of Improvements to Sur. No. 2382.

Value of tunnel with drifts, \$5,637.00

Value of 1/8 interest, \$704.62.

Note: An undivided 1/4 interest in shaft No. 4 on the Bull Dog lode, this survey, is credited to this lode, Value, \$525.00

I N S T R U M E N T.

This survey was made with a Gurley Light Mountain Transit.

The courses were deflected from the true meridian as determined by direct solar observations.

The distances were measured with two 300-ft. steel tapes.

The end centers are all 4" x 4" pine posts, properly marked and set in mound of stone.

SURVEY NO. 2639.

R E P O R T.

The section corner common to sections 19 and 30, on the west boundary of T. 1 N., R. 15 E., G. & S. R. B. and M., is a conglomerate stone 6 x 10 ins. extending 8 ins. above the ground, with four nicks on the north edge, and two nicks on the south edge; mound of stone alongside.

Survey No. 2379, Clipper, Caravel, and Apex lodes:

Corners Nos. 1 and 2, and 2 and 3, Clipper and Caravel lodes; also Corners Nos. 1 and 2, and 4 and 3, Caravel and Apex lodes, respectively, are pine posts properly set and scribed with the number of the corner and the survey.

Survey No. 2379, Colorado, Contention and Contention Extension lodes:

All the corners are pine posts, properly set and scribed with the number of the corner and the survey.

Survey No. 2382, Mexico and Humbolt lodes.

All the corners are pine posts, properly set and scribed with the number of the corner and the survey.

Survey No. 2382, Wedge lode:

Corners Nos. 1 and 3 are pine posts properly set and scribed with the number of the corner and the survey.

SURVEY NO. 2639.

Corner No. 4 was not found; and its locus was established in accordance with the official courses of lines 3-4 and 4-1.

Survey No. 2565, Last Chance and Pilot lodes:

Corners Nos. 1, 3, and 4, Last Chance lode, and Corners Nos. 2, 3, and 4, Pilot lode, are pine posts, properly set and scribed with the number of the corner and the survey.

Survey No. 2565, Copper Hill and Red Mountain lodes:

All the corners of the Copper Hill lode, and corners Nos. 5 and 1, Red Mountain lode, are pine posts, properly set and scribed with the number of the corner and the survey.

Survey No. 2089, Bull Dog and Louis lodes:

All the corners are pine posts, properly set and scribed with the number of the corner and the survey.

Survey No. 2382, Colorado and Bull Pup lodes:

All the corners are pine posts, properly set, and scribed with the number of the corner and the survey.

SURVEY NO. 2639.

E R R O R S.

I find line 1-2 Bull Dog lode, Sur. No. 2089 to be N. 54° 33' W. 1110.3 ft. instead of N. 54° 35' W. 1112.1 ft.

Line 2-3 Bull Dog lode, Sur. No. 2089 to be S. 34° 55' W. 584.8 ft. instead of S. 34° 53' W. 587.6 ft.

Line 3-4 Bull Dog lode, Sur. No. 2089 to be S. 54° 33' E. 1110.3 ft. instead of S. 54° 48' E. 1112.1 ft.

Line 4-1 Bull Dog lode, Sur. No. 2089 to be N. 34° 55' E. 584.8 ft. instead of N. 34° 53' E. 582.4 ft.

Line 1-2 Louis lode, Sur. No. 2089 to be S. 33° 03' W. 460.2 ft. instead of S. 33° 02' W. 461.4 ft.

Line 2-3 Louis lode, Sur. No. 2089 to be N. 54° 33' W. 702.7 ft. instead of N. 54° 35' W. 705.2 ft.

Line 3-4 Louis Lode, Sur. No. 2089 to be N. 33° 03' E. 539.6 ft. instead of N. 33° 02' E. 539.5 ft.

Line 4-1 Louis lode, Sur. No. 2089 to be S. 48° 08' E. 710.5 ft. instead of S. 48° 18' E. 712.7 ft.

Line 1-2 Colorado lode, Sur. No. 2382 to be S. 84° 30' W. 520.9 ft. instead of S. 84° 30' W. 523.5 ft.

Line 2-3 Colorado lode, Sur. No. 2382 to be S. 0° 33' W. 513.5 ft. instead of S. 0° 26' W. 514.18 ft.

Line 3-4 Colorado lode, Sur. No. 2382 to be N. 84° 30' E. 522.0 ft. instead of N. 84° 30' E. 523.5 ft.

Line 4-1 Colorado lode, Sur. No. 2382 to be N. 0° 26' E. 513.4 ft. instead of N. 0° 26' E. 514.18 ft.

Line 1-2 Bull Pup lode, Sur. No. 2382 to be S. 38° 24' W. 532.1 ft. instead of S. 38° 25' W. 532.2 ft.

Line 2-3 Bull Pup lode, Sur. No. 2382 to be N. 26° 27' W. 513.6 ft. instead of N. 26° 28' W. 516.24 ft.

Line 3-4 Bull Pup lode, Sur. No. 2382 to be N. 49° 30' W. 318.4 ft. instead of N. 49° 47' W. 316.52 ft.

Line 4-5 Bull Pup lode, Sur. No. 2382 to be N. 38° 22' E. 302.5 ft. instead of N. 38° 25' E. 303.1 ft.

Line 5-1 Bull Pup lode, Sur. No. 2382 to be S. 51° 35' E. 783.1 ft. instead of S. 51° 35' E. 783.8 ft.

Line 1-2 Contention lode, Sur. No. 2379 to be S. 79° 37'W. 806.2 ft. instead of S. 79° 37'W. 810.5 ft.

Line 2-3 Contention lode, Sur. No. 2379 to be S. 16° 56'E. 419.3 ft. instead of S. 16° 58'E. 420.64 ft.

Line 3-4 Contention lode, Sur. No. 2379 to be N. 73° 05'E. instead of N. 73° 02'E.

Line 4-1 Contention lode, and line 2-3 Contention Extension lode, Sur. No. 2379 to be N. 16° 56'W. instead of N. 16° 58'W.

Line 1-2 Contention Extension lode, Sur. No. 2379 to be S. 79° 37'W. 249.8 ft. instead of S. 79° 37'W. 251.09 ft.

Line 1-2 Colorado lode, Sur. No. 2379 to be S. 75° 47' W. instead of S. 75° 54'W.

Line 2-3 Colorado lode, Sur. No. 2379 to be S. 3° 04'W. 527.2 ft. instead of S. 3° 10'W. 530.62 ft.

Line 3-4 Caravel lode, Sur. No. 2379 to be N. 75° 04'E. 1322.7 ft. instead of N. 75° 04'E. 1322.2 ft.

Line 4-1 Caravel lode, and 2-3 Apex lode Sur. No. 2379, respectively, to be N. 10° 13'E. instead of N. 10° 09'E.

I find the Sec. Cor. connection to the Sec. Cor. Common to Secs. 19 and 30 on the West boundary of T.1 N. R. 15 E., G. & S.R. B. & M. from Cor. No. 1 Bull Dog lode, Sur. No. 2089 to be N. 81° 13'E. 5517.3 ft. instead of N. 81° 10'E. 5525.5 ft.

I find the Sec. Cor. connection to the Sec. Cor. common to Secs. 19 and 30 on the west boundary of T. 1 N. R. 15 E. G. & S.R.B. and M. from Cor. No. 1 Louis lode, Sur. No. 2089 to be N. 83° 56'E. 5112.1 ft. instead of N. 83° 52'E. 5119.2 ft.

I find the Sec. Cor. Connection to the Sec. Cor. common to Secs. 19 and 30 on the west boundary of T.1 N. R. 15 E. G. & S.R. B. and M. from Cor. No. 1 Colorado

lode, Sur. No. 2382 to be N. 83° 46' E. 5124.6 ft.
instead of N. 83° 46' E. 5136.7 ft.

Adjoining Claims.

North: Clipper, Caravel, Apex lodes, Sur. No. 2379,

claimant herein; No. 2385, claimant herein.

East: Colorado, Contention, Contention Extension lodes,

Sur. No. 2379, Mexico, Humbolt and Wedge lodes, Sur.

No. 2382, claimant herein.

South: Pilot, Last Chance and Copper Hill lodes, Sur.

No. 2565, Keystone Copper Co., claimant.

West: Last Chance, Copper Hill and Red Mountain lodes,

Sur. No. 2565, Keystone Copper Co., claimant.

These claims ~~coconflict~~ with the same ground as that

covered by the Louis and Bull Dog lodes, Sur. No.

2089, and the Colorado and Bull Pup lodes, Sur. No.

2382.

BULL DOG, LOUIS, BULL PUP, AND COLORADO NO. 2 LODES.

DETERMINATION OF LATITUDE AND TRUE MERIDIAN.

LATITUDE.

The Latitude was determined by an observation on the Sun taken on March 28, 1909, at 12:30 p.m. Mountain Standard time, when the Sun reached its highest altitude for the day.

Observed altitude of Sun.	59° 35'
Refraction.	<u>0° 01'</u>
True altitude of Sun.	59° 34'
Declination of Sun.	2° 58'

From which data I deduce the latitude and find it to be N. 33° 24'

The topographical map of the Globe Mining District issued by the U.S. Geological Survey, shows a similar latitude for this section.

TRUE MERIDIAN.

The true meridian to which all courses herein given are referred, was determined by an observation on the Sun taken on March 28, 1909 at 9:47 a.m. Mountain Standard time, at Cor. No. 1 of the Louis lode of this survey.

Observed altitude of Sun.	41° 15'
Refraction.	<u>0° 01'</u>
True altitude of Sun.	41° 14'
Latitude.	33° 24'
Declination.	2° 55' 30"

From which data, the true course of the sun is deduced and found to be S. 60° 13' E.

From this course I reverse and turn left 86° 44' along the end line of claim, thus determining its true course to be S. 33° 03' W.

Owing to cloudiness and bad weather no Sun observation could be taken during the time in which the patent survey was made.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Frank Anderson
United States 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 _____

Inspiration Copper Company
known as the Bull Dog, Louis, Bull Pup, Colorado No. 2 Lodes,
and showing the respective capacities in which they acted.

W. C. Dunlap , Chainman.

Tom Meehan , Chainman.

John Mulherin , Axman.

..... , Flagman.

FINAL OATHS OF ASSISTANTS.

We, W. C. Dunlap, Tom Meehan
and John Mulherin - , do solemnly swear that we assisted Frank
Anderson , United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Inspiration Copper Company

known as the Bull Dog, Louis, Bull Pup, Colorado No. 2 Lodes,

represented in the foregoing field notes as having been surveyed by said 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 instruc-
tions furnished by the United States Surveyor-General for Arizona

W. C. Dunlap , Chainman.

Tom Meehan , Chainman.

John Mulherin , Axman.

..... , Flagman.

Subscribed and sworn to by the above-named persons before me this 9th

day of March , 19 09

My Commission Expires Jan 21 1910

Geo R Hill
Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Frank Anderson, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
March 6-1909, 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 Inspiration Copper Company
, known as the
Bull Dog, Louis, Bull Pup, Colorado No. 2 Lodes,
situate in Globe Mining District,
Gila County, Arizona, ~~in~~ Section
in unsurveyed, Township No. 1 N, Range No. 14 E. G. & S. R. B & M.
and designated as Survey No. 2639, 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 per-
petuated in strict accordance with the law, official regulations and instructions there-
under; 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 it's 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.

Frank Anderson
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Frank Anderson
U. S. Mineral Surveyor, before me Geo R Stee
this ninth
day of March, 1909

Geo R Stee
Notary Public

My Commission Expires
Jan 21 1910
6-1044

AMENDED LOCATION NOTICE.

KNOW ALL MEN BY THESE PRESENTS that the Inspiration Copper Company, a citizen of the United States, has this 1st day of March, 1909, amended, located and claimed, and by these presents does amend, locate and claim, by right of discovery and amended location in compliance with the mining laws of the United States, and of the Territory of Arizona, and all local customs, laws and regulations, 1459.7 linear feet, measured horizontally, on and along the BULL PUP lode, vein, ledge and mineral deposit, together with surface ground 300 or less feet in width on each side of the middle of said vein at the surface, so far as the same can be determined from present developments, said claimed and located surface ground being hereinafter particularly described as follows:- Commencing at Corner No. 1, a post marked NE. Cor. Amended Bull Pup lode being the Northeast corner of the claim; thence N. $56^{\circ}29'W$ W. 1448.5 feet to Corner No. 2, a post marked N.W. Cor Amended Bull Pup lode, being the northwest corner of the claim; thence S. $38^{\circ}22'W$. 300 feet to west end center, a post marked west end center amended Bull Pup lode, thence S. $38^{\circ}22'W$. 204.8 to a post marked S.W. Cor. Amended Bull Pup lode, being the southwest corner of the claim; thence S. $56^{\circ}29'E$. 1448.5 feet to Cor. No. 4, a post marked S.E. cor. Amended Bull Pup lode, being the southeast corner of the claim; thence N. $38^{\circ}22'E$ E. 300 feet to a post marked east end center amended Bull Pup lode being the east end center of the claim, (identical with the S. W. corner of the Wedge lode claim, Survey No. 2382); thence N. $38^{\circ}22'E$. 204.8 feet to the point of commencement.

The point of discovery is on the middle of the vein or mineral deposit, and, immediately contiguous thereto is the location monument where this notice is posted.

The west end center of the claim bears N. $60^{\circ}14'W$.
W. 530^a feet distant from said point of discovery and
the east end center of the claim bears S. $60^{\circ}14' E. 929.7$
feet distant from said point of discovery.

All of the posts referred to as marking the corners and end centers are at least 4 x 4 inches and project four feet above ground and are set securely in the ground and surrounded by mounds of stone.

The general course of the claim is northwesterly and southeasterly. This claim is situated about one-third of a mile southerly from the Inspiration mill and overlaps onto the Bull Dog lode claim, Survey No. 2089, on the northwest, on the Humbolt, Survey No. 2382, on the Northeast, on the Pilot on the Southeast, and on the Last Chance on the southwest.

This is an amendment of the same lode and claim located May 22, 1903, by C. E. Taylor and recorded July 6, 1903, in Book 9, Record of Mines, Gila County, Arizona, page 136.

All free ground in conflict with (Taylor) Colorado lode claim is expressly excluded from this location for the purpose of including the same as a part of the said (Taylor) Colorado, which is about to be amended under the name of Colorado No. 2.

This further and amended location and certificate is made without waiver of any previously existing and acquired rights, but is for the purpose of re-adjusting the boundaries of the claim and including any ground open to location, and to secure any abandoned or forfeited overlapping ground, and to secure all the benefits of Section 3253 of the Revised Statutes of Arizona, providing for Amended Locations.

The name of the claim is the Bull Pup and it is situated in the Globe Mining District, County of Gila, Territory of Arizona. Date of Amended Location, ~~February~~ March 1st, 1909.

INSPIRATION COPPER COMPANY,
BY Mike Shoulin,
Superintendent & Agent.

Northwest, on the Pilot, Survey No. 2582, on the North-
east, on the Pilot on the Southeast, and on the Last Chance
on the southwest.

This is an amendment of the same lode and claim
located May 22, 1903, by C. E. Taylor and recorded July 6,
1903, in Book 9, Record of Mines, Gila County, Arizona,
page 136.

All free ground in conflict with (Taylor) Colorado
lode claim is expressly excluded from this location for
the purpose of including the same as a part of the said
(Taylor) Colorado, which is about to be amended under the
name of Colorado No. 2.

This further and amended location and certificate
is made without waiver of any previously existing and ac-
quired rights, but is for the purpose of re-adjusting the
boundaries of the claim and including any ground open to
location, and to secure any abandoned or forfeited overlapp-
ing ground, and to secure all the benefits of Section 3258
of the Revised Statutes of Arizona, providing for Amended
Locations.

The name of the claim is the Bull Pup and it is sit-
uated in the Globe Mining District, County of Gila, Territory
of Arizona. Date of Amended Location, ~~February~~ March 1st, 1909.

INSPIRATION COPPER COMPANY,

BY Mike Shoulin
Superintendent & Agent.

Filed and recorded at the request of Geo. R. Hill on the 3 day
of March, A. D. 1909 at 10 minutes past 2 o'clock P. M.

TERRITORY OF ARIZONA, {
COUNTY OF GILA } ss.

E. T. Stewart County Recorder.

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 the Amended Location Notice
of the BULL PUP Mining Claim,
as the same appears of record in my office in Book 8, Records of Mines,
at page -----; that I have compared the same with the original record, and that the same is a true transcript
and of the whole thereof.

3rd.

Given under my hand and seal of office this ----- day of

March A. D. 1909.

E. T. Stewart

County Recorder, Gila County, A. T.

LOCATION NOTICE.

NOTICE IS HEREBY GIVEN, that the Louis Mining Claim, containing mineral-bearing quartz, earth or rock in place, located by Chas. T. Martin a citizen of the United States on this 1st day of Jany 1901, 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 lengthof claim. The general course of this lode, deposit or premises, is S.E. & N.W.

This claim is situated in Globe Mining District, Gila County, Territory of Arizona, about ~~one~~ half mile in a Northerly direction from Oak Spring and adjoins the N. side line of the Bull Dog Mine.

This claim is bounded and marked as follows, to-wit: Beginning at the S.E. center end post or monument, being 400 feet S.E. 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 N.Westerly direction to a post or monument at the center of the Northerly side line of claim; thence 750 feet in a N. Westerly direction to a post or monument; thence 300 feet ina Southerly direction to a post or monument, being the center end post or monument of N.W. end of said claim and 1100 feet N.W. from the center of discovery shaft; thence 300 feet in a Southerly direction to a post or monument; thence 750 feet in a S. Easterly direction to a post or monument, being the center of the Southerly side line of claim; thence 750 feet in a S. Easterly 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, and the laws of the Territory of Arizona.

Chas. T. Martin

Witness: J. R. Finletter

Locators.

Recorded at request of Chas. T. Martin at - - minutes past 3 o'clock P. M. Mar. 30th 1901.

- - - - - 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.....
"LOUIS" Mining Claim,.....
as the same appears of record in my office in Book.....7, Records of Mines,.....
at page.....279.....; that I have compared the same with the original record, and that the same is a true transcript

adjoins the N. side line of the Bull Dog Mine.

This claim is bounded and marked as follows, to-wit: Beginning at the S.E. center end post or monument, being 400 feet S.E. 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 N.Westerly direction to a post or monument at the center of the Northerly side line of claim; thence 750 feet in a N. Westerly 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.W. end of said claim and 1100 feet N.W. from the center of discovery shaft; thence 300 feet in a Southerly direction to a post or monument; thence 750 feet in a S. Easterly direction to a post or monument, being the center of the Southerly side line of claim; thence 750 feet in a S. Easterly 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, and the laws of the Territory of Arizona.

Chas. T. Martin

Witness: J. R. Finletter

Locators.

Recorded at request of Chas. T. Martin at - - minutes past 3 o'clock P. M. Mar. 30th 1901.

- - - - - 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 "LOUIS" Mining Claim,

as the same appears of record in my office in Book 7, Records of Mines, at page 279; 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 March

, A. D. 1909.

E. T. Stewart

County Recorder, Gila County, A. T.

TERRITORY OF ARIZONA)
) SS.
 COUNTY OF GILA)

KNOW ALL MEN BY THESE PRESENTS that the Inspiration Copper Company, a citizen of the United States, has this 1st day of ~~February~~ ^{March}, 1909, amended, located and claimed, and by these presents does amend, locate and claim, by right of discovery and amended location in compliance with the mining laws of the United States, and of the Territory of Arizona, and all local customs, laws and regulations, Eleven Hundred and ~~Twelve~~ ^{Ten} and $\frac{4}{10}$ (1110.4) linear feet, measured horizontally, on and along the BULL DOG lode, vein, ledge and mineral deposit, together with surface ground 300 or less feet in width on each side of the middle of said vein at the surface, so far as the same can be determined from present developments, said claimed and located surface ground being hereinafter particularly described as follows:- Commencing at Corner No. 1, a post marked NE. cor. Amended Bull Dog Lode, being the Northheasterly corner of the claim, whence Cor. No. 2 of the Louis lode mining claim bears S. 54° 38' E. 145.1 feet distant; thence N. 54° 35' W. 1110.4 feet to Cor. No. 2, a post marked NW Cor Amended Bull Dog Lode, being the northwesterly corner of the claim; thence S. 34° 55' W. 294.8 feet to west end center, a post marked west end center Amended Bull Dog Lode thence S. 34° 55' W. 289.9 feet to a post marked SW cor. Amended Bull Dog Lode, being the southwesterly corner of the claim; thence S. 54° 38' E. 1110.4 feet to a post marked S.E. Cor. Amended Bull Dog Lode, being the southeasterly corner of the claim; thence N. 34° 55' E. 289.9 feet to a post marked east end center Amended Bull Dog Lode being the east end center of the claim; thence N. 34° 55' E. 294.8 feet to

the point of commencement.

The point of discovery ~~is the center of the discovery out and~~ is on the middle of the vein or mineral deposit, ~~at the surface~~ and, immediately contiguous thereto is the location monument where this notice is posted.

The west end center of the claim bears N. 54° 38' W. 685⁴ feet distant from said point of discovery and the east end center of the claim bears S. 54° 38' E. 425⁰ feet distant from said point of discovery.

All of the posts referred to as marking the corners are at least 4 x 4 inches and project four feet above ground and are set securely in the ground and surrounded by mounds of stone.

The general course of the claim is northwesterly and southeasterly. This claim is situated about one-third of a mile southerly from the Inspiration mill and overlaps onto the Clipper and Caravel lode claims, survey No. 2379, on the north, and is contiguous to the Louis on the northeast.

This is substantially the same lode and claim located June 30, 1895, by Charles T. Martin and recorded August 24, 1895, in Book 4, Record of Mines, Gila County, Arizona, Page 432.

This further and amended location and certificate is made without waiver of any previously existing and acquired rights, but is for the purpose of correcting the original location description and record, and to secure any abandoned or forfeited overlapping ground, and to secure all the benefits of Section 3258 of the Revised Statutes of Arizona, providing for Amended Locations.

The name of the claim is the BULL Dog and it is situated in the Globe Mining District, County of Gila, Territory of Arizona. Date of Amended Location, February March, 12th 1909.

INSPIRATION COPPER COMPANY,

BY Mike Shoolin
Superintendent and Agent.

Filed and recorded at the request of Geo. R. Hill on the 3 day of March, A.D. 1909 at 10 minutes past 2 o'clock P.M.

E. T. Stewart County Recorder.

TERRITORY OF ARIZONA, }
COUNTY OF GILA } ss.

and southeasterly. This claim is situated about one-third of a mile southerly from the Inspiration mill and overlaps onto the Clipper and Caravel lode claims, survey No. 2379, on the north, and is contiguous to the Louis on the northeast.

This is substantially the same lode and claim located June 30, 1895, by Charles T. Martin and recorded August 24, 1895, in Book 4, Record of Mines, Gila County, Arizona, Page 432.

This further and amended location and certificate is made without waiver of any previously existing and acquired rights, but is for the purpose of correcting the original location description and record, and to secure any abandoned or forfeited overlapping ground, and to secure all the benefits of Section 3258 of the Revised Statutes of Arizona, providing for Amended Locations.

The name of the claim is the BULL Dog and it is situated in the Globe Mining District, County of Gila, Territory of Arizona. Date of Amended Location, ~~February~~ March, 12th 1909.

INSPIRATION COPPER COMPANY,

BY Mike Shoolin
Superintendent and Agent.

Filed and recorded at the request of Geo. R. Hill on the 3 day of March, A.D. 1909 at 10 minutes past 2 o'clock P.M.

E. T. Stewart 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 the Amended Location
Notice of the BULL DOG Mining Claim,

as the same appears of record in my office in Book 8, Records of Mines
at page -----; that I have compared the same with the original record, and that the same is a true transcript and of the whole thereof.

Given under my hand and seal of office this 3rd. day of

Marbh A. D. 1909.

E. T. Stewart
County Recorder, Gila County, A. T.

A M E N D E D L O C A T I O N N O T I C E .

KNOW ALL MEN BY THESE PRESENTS that the Inspiration Copper Company, a citizen of the United States, has this 2nd day of ~~February~~ ^{March}, 1909, amended, located and claimed, and by these presents does amend, locate and claim, by right of discovery and amended location in compliance with the mining laws of the United States, and of the Territory of Arizona, and all local customs, laws and regulations, Five Hundred and Fourteen and 18/100 (514.18) linear feet, measured horizontally, on and along the COLORADO NO. 2 lode, vein, ledge and mineral deposit, together with surface ground 300 or less feet in width on each side of the middle of said vein at the surface, so far as the same can be determined from present developments, said claimed and located surface ground being hereinafter particularly described as follows:- Commencing at Corner No. 1, a post marked N.E. Cor. Colorado ho. 2 lode, being the Northeasterly corner of the claim, whence Cor. No. 1 of the Louis lode mining claim bears N. 33° 05' E. 19.6 ft. feet distant; thence S. 84° 30' W. 290 feet to north end center post; thence S. 84° 30' W. 562.0 feet to Cor. No. 2, a post marked N.W. Cor. Colorado ho. 2 lode, being the northwesterly corner of the claim; thence S. 0° 26' W. 514.18 feet to Cor. No. 3, a post marked S.W. Cor. Colorado ho. 2 lode, being the southwesterly corner of the claim; thence N. 84° 30' E. 272.0 feet to South end center post; thence N. 84° 30' E. 290 feet to Cor. No. 4, a post marked S.E. Cor. Colorado ho. 2 lode, being the southeasterly corner of the claim; thence N. 0° 26' E. 514.18 feet to Cor. No. 1, the point of commencement.

The point of discovery is on the middle of the vein or mineral deposit, and, immediately contiguous thereto, is the location monument where this notice is posted.

The North end center of the claim bears N. 0° 26' E. 490.¹⁸ feet distant from said point of discovery and the South end center of the claim bears S. 0° 26' W. 24.⁰ feet distant from said point of discovery and ~~the South end center of the claim bears S. 0° 26' W. _____ feet distant from said point of discovery.~~

All of the posts referred to as marking the corners and end centers are at least 4 x 4 inches and project four feet above ground and are set securely in the ground and surrounded by mounds of stone.

The general course of the claim is northerly and southerly. This claim is situated about one-third of a mile southerly from the Inspiration mill and overlaps onto the Louis and Bull Dog lode claims, Survey No. 2089, on the north and west, and is contiguous to the Mexico on the east and to the Humboldt on the south.

This is substantially the same lode and claim located May 30, 1906, by C. E. Taylor and recorded July 23, 1906, in Book 12, Record of Mines, Gila County, Arizona, Page 146.

This further and amended location and certificate is made without waiver of any previously existing and acquired rights, but is for the purpose of extending the claim westerly and embracing in this location ground formerly included in the Bull Pup location; and also for the purpose of including in this location all ground embraced in the area of conflict between this claim and the (Inspiration) Colorado, Survey No. 2379, excepting Louis and

Bull Dog ground also included in said conflict; and to secure any abandoned or forfeited overlapping ground, and to secure all the benefits of Section 3258 of the Revised statutes of Arizona, providing for Amended Locations.

The name of the claim is hereby changed from Colorado to COLORADO NO. 2 in order to avoid confusion with said (Inspiration) Colorado, and it is situated in the Globe Mining District, County of Gila, Territory of Arizona.

Date of Amended Location, ~~February~~ March 2nd, 1909.

INSPIRATION COPPER COMPANY,

BY Mike Showlin
Superintendent & Agent.

Filed and recorded at the request of Geo. R. Hill on the 3 day of March, A. D. 1909 at 10 minutes past 2 o'clock P. M.

E. T. Stewart 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.....

of the "COLORADO No. 2" Mining Claim,

as the same appears of record in my office in Book 8, Records of Mines

at page.....; that I have compared the same with the original record, and that the same is a true transcript and of the whole thereof.

Given under my hand and seal of office this 3rd. day of

March A. D. 1909.

E. T. Stewart

County Recorder, Gila County, A. T.

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

39

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

April 15, 1910, 1

I, U. S. Surveyor General for District of Arizona,
do hereby certify that the foregoing transcript of the Field Notes, return and approval
of the Survey of the mining claim of
Inspiration Copper Company
, known as the Bull Dog, Louis, Bull Pup, Colorado No. 2
, situate in Globe
Mining District, Gila County,
Arizona, in Section Unsur., Township No. 1 N.,
Range No. 14 E., G. & S.R.E. & M., and designated as Survey
No. 2639, 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 ^{or for each of} said mining claim^s by claimant or its grantors, and
that said improvements consist of 3 shafts, 4 cuts, 4 tunnels, 2 drifts
and 1 winze, value \$3690, together with 2/8 interest in tunnel
No. 2 on the Humbolt lode, Sur. No. 2382, (an undivided 1/8
interest therein, value \$704.62, being properly credited to each
the Bull Pup and Colorado No. 2 lodes of this survey), and 2/4
interest in tunnel No. 2 on the Americus lode, Sur. No. 2379,
(an undivided 1/4 interest therein, value \$1316.25, being credited
to each the Bull Dog and Bull Pup lodes of this survey.)
Tunnel No. 5 on the Bull Dog lode being for the development
of the Bull Dog and Louis lodes of this survey, an undivided 1/8
interest therein, value \$1050, is properly credited to each of
said lodes, and shaft No. 4 on the Bull Dog lode, being for the
benefit and development of all the claims in this survey, an
undivided 1/4 interest therein, value \$525, is properly credited
to each of the four claims in this group,
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,

April 15, 1910, 190

I, U. S. Surveyor-General for District of Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the
Mining Claim of

Inspiration Copper Company

known as the

BULL DOG, LOUIS, BULL PUP, COLORADO NO. 2.

situate in Globe Mining District,

Gila County, Arizona.

in Section Unsur., Township No. 1 N., Range No. 14 E., G. & S. R. B. & M.

designated as Survey No. 2639

executed by Frank Anderson, U. S. Deputy Mineral

Surveyor, March 6-9, 1909, 190, under my instructions dated

March 6, 1909, 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.

Frank Anderson

U. S. Surveyor-General for Arizona.