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MINERAL SURVEY NO. 2336

Claims	M & B Desc.	Improvements	Loc. Notices
Cape Nome	Pg. 13	Pg. 17	Pg. 5
Cleveland	1	20	11
Dauntless	3	18	10
Harrison	2	20	9
Head Center	10	18	7
Log Cabon	9	19	4
Marshall	6	19	3
Morgan	5	18	6
Mountain Top	14	17	1
Mountain View	11	17	8
Wedge	7	19	2

JAN 14 1907
MAR 8 1907

Copy by
W.S.I.-3/13/07.

(4-683.)

Mineral Survey No. 2336

Lot No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Butter and Arizona Copper
Mining Co.

KNOWN AS THE

Harrison, Cleveland, Roger, Samuttes, Morgan, Marshall,
Fred Leites, Log Cabow, Mountain View, Cape Horn, Mountain Top,
Hanford Mining District,
Cochise County, Arizona

Sections 17, 20, 21, 29, Township 23 S., Range 20 E. (unsurveyed)

Surveyed under instructions dated Aug. 28, 1906
by H. H. Jorgensen,
U. S. Deputy Mineral Surveyor.

Claim located see location notices, 1

Survey commenced Sept. 1, 1906

Survey completed Dec. 12, 1906

o 6-100

Address of claimant's atty.,

M. J. Brown,

P.O. Box, 556, Bisbee, Arizona.

Handwritten notes:
1906
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10/31

Feet.

Cleveland.

Beginning at Cor.No.1, the SE cor. identical with location and with Cors No.2 and 4 of the Harrison and Wedge lodes respectively of this survey, a maple post 5 ins in diameter 4 ft long set 1 ft in the ground in a mound of stones and scribed 1-2336 C L, whence a pine tree 10 ins in diameter scribed X-2336 B T brs N. 15deg 55 min E 31.7 ft., and an oak tree 10 ins in diameter with the same scribing brs. S. 74 deg 24min W 32.7 ft., and the NE cor of Sec.20 T. 23 S R 20 E brs N. 87 deg 13 min E 1178.1 ft., and U S M M No 1 H D hrs S. 37 deg 38 min E 3087.4 ft.,

57.9 Thence N. 10° 39' E. to intersection with the N line of Sec 20 at S 89deg 59 min W. 1166.0 ft from the NE cor and N 89deg 59 min E 1464.8 ft from the 1/4 cor between Secs 17 and 20

300.0 same bearing to the original location for W. C.
 589.0 same bearing to Cor.No.3 Wedge lode of this survey
 600.0 same bearing to Cor.No.2 the NE cor identical with location an oak post 4 ins sq 4 ft long set 18 ins in the ground in a mound of stones and scribed 2-2336 C L whence an oak tree 5 ins in diameter scribed X-2336 B T brs N 27 deg E 5 ft., and a second oak tree 8 ins in diameter and scribed the same brs. S. 21 deg 10 min W. 13.3 ft.,

1485.9 Thence N. 86deg.17 min W. to Cor.No.3 the NW cor identical with location an oak post 4 ins sq 4 ft long set 1 ft in the ground in a mound of stones and scribed 3-2336 C L, whence an oak tree 8 ins in diameter scribed X-2336 B T brs. S. 26 deg 36 min E 8.4 ft., and a second oak tree of the same size and scribing brs. N. 59 deg W 9 ft.,

300.0 Thence S. 10 deg 39 min W to original location for W. C.,

Feet

Cleveland (Con)

- 600.0 same bearing to Cor.No.4 the SW cor., identical with location a pine post 4 ins sq 4 ft long set 18 ins in the ground in a mound of stones and scribed 4-2336 C L, whence an oak tree 10 ins in diameter scribed X-2336 B T brs. S. 44 deg 45 min W. 14.5 ft., and a pine tree 18 ins in diameter scribed the same brs S. 1 deg 50 min E 23.7 ft., and the 1/4 sec cor between secs 17 and 20 brs. S. 35 deg 48 min E. 49 ft.,
- Thence S. 86 deg 17 min E.
- 612.6 to intersection with the N side of Sec 20, at N. 89 deg 59 min E. 582.6 ft., from the 1/4 cor between secs 17 and 20 and S. 89 deg 59 min W. 2048.2 ft from the NE cor.,
- 885.9 same bearing to Cor.No.3, Harrison lode of this survey
- 1485.9 same bearing to Cor.No.1 the place of beginning.

Ledge

The presumed course of the vein on this claim is from the E E C N. 86 deg 17 min W. 1485.9 ft.

----- Harrison.-----

Beginning at Cor.No.1, the SE cor identical with location and with Cors No.1 and 3 of the Dauntless and Morgan lodes respectively of this survey, an oak post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-2336 H. L whence a pine tree 4 ins in diameter scribed X-2336 B T brs N. 83 deg E. 6.3 ft., and an oak tree 9 ins in diameter and scribed the same brs N. 21 deg 36 min W 14.1 ft., and U S M " No 1 H D brs S. 56 deg 16 min 30 sec E 2556.1 ft.,

Thence N. 13 deg 12 min E

- 153.7 to Cors No 2 and 5 of the Morgan and Wedge lodes respectively of this survey,
- 1053.7 same bearing to Cor.No.2, the NE cor identical with location and with Cors No. 1 and 4 of the Cleveland and

Feet

Harrison (Con)

Wedge lodes respectively of this survey, a maple post heretofore described and etc., scribed 2-2336 H L,

Thence N. 86 deg 17 min W.

300.0 to original location for N E C.,

600.0 same bearing to Cor.No.3 the NW cor identical with location, on line 4-1 Cleveland lode of this survey at S 86 deg 17 min E 885.9 ft., from Cor.No. 4

a pine post 4 ft long 4 ins sq set $1\frac{1}{2}$ ft in the ground in a mound of stones and scribed 3-2336 H L, whence an oak tree 12 ins in diameter scribed X-2336 B T brs S. 45 deg 20 min W 6.2 ft., and a pine tree 6 ins in diameter and scribed the same brs. N. 61 deg. 20 min W. 8.5 ft., and the $\frac{1}{4}$ cor between Secs 17 and 20 brs N. 88 deg 49 min W. 855.6 ft.,

Thence S. 13 deg 12 min W.

1053.7 to Cor.No.4 the SW cor identical with location and with Cor.No.2 Dauntless lode of this survey a pine post 4 ft long 4 ins sq set $1\frac{1}{2}$ ft in the ground in a mound of stones and scribed 4-2336 H L, whence an oak tree 5 ins in diameter and scribed X-2336 B T brs S. 81^o E. 11.1 ft., and a pine tree 3 in in diameter and scribed the same brs S. 17 deg 20 min E 15.7 ft.,

Thence S. 86 deg 17 min E.

300.0 to original location for S E C

600.0 same bearing to Cor.No.1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is from the S E C N. 13 deg 12 min E. 1053.7 ft.,

----- Dauntless -----

Beginning at Cor.No.1, the NE cor identical with location and with Cors.No. 1 and 3 of the Harrison and Morgan lodes respectively of this survey an oak post 4 ins sq 4 ft long set 18 ins in the ground in a mound of stones and scribed 1-2336 D L, whence a pine tree 4 ins in diameter scribed X-2336 B T brs

Dauntless (Con)

- N 83deg E. 6.3 ft., and an oak tree 9 ins in diameter with same scribing brs. N. 21 deg 36 min W 14.1ft., and U S M M No.1 H D brs. S. 56 deg. 16 min 30 sec E 2556.1 ft.,
- Thence N. 86 deg 17 min W
- 300.0 to original location for N E C
- 600.0 same bearing to Cor.No.3, identical with location and with Cor.No.4 Harrison lode of this survey a pine post etc. *heretofore described and* scribed 2-2336 D L, thence the 1/4 sec cor between sec 17 and 20 br. N. 30 deg 30 min W 1211.2 ft.,
- Thence S. 41 deg. 21 min 30 sec W.
- 392.4 to Cor.No.3 *identical with loc. and* identical with Cor.No.3 Head Center lode of this survey a pine post 4 ft long 4 in sq set 18 ins in the ground in a mound of stones and scribed 3-2336 D L whence a pine tree 8 ins in diameter scribed X-2336 B T br. S. 11deg 55 min W. 9.4 ft., and a second pine tree 10 ins in diameter with the same scribing brs. W. 79deg 40 min W. 7.1 ft.,
- Thence S. 34 deg. 16 min 30 sec W
- 694.0 to inter section with line 1-2 Mountain View lode of this survey at N 52 deg 02 min W. 1333.9 ft from Cor.No.1
- 769.1 same bearing to Cor.No.4 the SW cor identical with location a pine post 4 ft long 4 in sq set 18 ins in the ground in a mound of stones and scribed 4-2336 D L whence an oak tree 12 ins in diameter scribed X-2336 B T brs S. 22deg 30 min E. 21.7 ft., and a second oak tree 4 ins in diameter and scribed the same brs N. 73 deg. 40 min W. 14 ft.,
- Thence S. 86 deg 17 min E
- 153.2 to intersection with line 1-2 Mountain View lode of this survey at N. 52 deg 02 min W. 1219.0 ft from Cor.No.1
- 163.2 same bearing to original location for S E C
- 463.2 same bearing to Cor. No.5 the SE cor identical with location and with Cors No.2 and 4 of the Log Cabin and

Feet

Dauntless (Con)

Morgan lodes respectively of this survey on line
 1-2 Head Center lode of this survey at $\frac{S}{N}$ 2 deg 30
 min $\frac{E}{W}$ 646.2 258.3 ft., from Cor.No. 1, an oak post 4 ins sq
 4 ft long set 18 ins in the ground in a mound of stones
 and scribed 5-2336 D L whence an oak tree 8 ins in
 diameter and scribed X-2336 B T brs. S. 89 deg 57 min
 E 36.5 ft and a second oak tree 6 ins in diameter and
 scribed the same bears N. 36 deg 25 min W. 23.2 ft.,

Thence N. 41 deg 59 min E.

1239.3 to Cor.No.1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is
 from the S E C location N. 41 deg. 59 min E. 1239.3 ft

----- Morgan -----

Beginning at Cor.No.1. the NE cor identical with
 location and with Cor.No.2 Marshall lode of this survey
 a pine post 4 ft long 4 ins sq set 18 ins in the ground
 in a mound of stones and scribed 1-2336 M L, whence
 an oak tree 5 ins in diameter and scribed X-2336 B T
 brs S. 57 deg 20 min E. 8.1 ft., and a second oak tree
 of the same size and scribing brs. N. 47 deg. 32 min W
 9.7 ft', and the NE cor of Sec 20 Tp 23 S. R. 20 E
 brs. N. 36 deg 10 min E. 1367.2 ft., and U S MM No.1
 H D brs S. 47 deg 18 min E. 2062.2 ft.,

Thence N. 73 deg 31 min W.

107.5 to Cor.No.1 Wedge lode of this survey,

300.0 same bearing to original location for N E C

600.0 same bearing to Cor.No 2 the NW cor identical with lo-
 cation and with Cor.No.5 Wedge lode of this survey a
 pine post 4 ft long 4 ins sq set 1 ft in the ground
 in a mound of stones and scribed 2-2336 M L whence a
 pine tree 6 ins in diameter scribed X-2336 B T brs
 S. 58 deg W. 6.2 ft and an oak tree 18 ins in diameter
 and scribed the same brs. N. 17 deg W. 24.5 ft.,

Feet

Morgan (Con)

153.7 Thence S. 13 deg 12 min W
 to Cor.No.3 identical with Cors No.1 and 1 of the Dauntless and Harrison lodes respectively of this survey an oak post ^{heretofore described and} etc, scribed 3-2336 M L,

1239.3 Thence S. 41 deg. 59 min W.
 to Cor.No.4 the SW cor identical with location and with corsNo.2 and 5 respectively of the Log Cabin and Dauntless lodes of this survey and on line 1-2 Head Center lode of this survey at N. 2 deg. 30 min W 258.6 ft from Cor.No.1 an oak post ^{heretofore described and} etc, scribed 4-2336 M L

300 Thence S. 73 deg. 31 min E.
 to original location for S E C
 600.0 same bearing to Cor.No.5 the SE cor identical with location and with Cor.No.3, Marshall lode of this survey a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 5-2336 M L, whence a pine tree 5 ins in diameter scribed X-2336 B T brs S. 57 deg 40 min E 13.9 ft., and an oak tree 5 ins in diameter and scribed the same brs N. 11 deg W. 9 ft

1376.0 Thence N. 38 deg 54 min E.
 to Cor.No.1 the place of beginning.

Ledge

The presumed course of the vein on this claim is from the S E C location N. 38 deg 54 min E 1376 ft.

-----Marshall-----

Beginning at Cor.No.1 the NE cor identical with location a pine post 4 x 5 ins 4 ft long set 18 ins in the ground in a round of stones and scribed 1-2336 Mar L whence an oak tree 10 ins in diameter scribed X-2336 B T brs S. 0 deg 10 min W. 8.2 ft., and ash tree 8 ins in diameter and scribed the same br. N. 5 deg 32 min W. 12.3 ft., and the initial monument of Wisconsin lode Lot No.37 brs S. 44 deg. 8 min E. 1295.5 ft and U S M M No.1 W D brs. S. 42 deg 19 min 30 sec E 1758.8 ft.

Feet

Marshall (Con)

Thence N. 73 deg. 31 min W.

133.0 to original location for N E C

345.5 same bearing to Cor.No.2, the NW cor identical with location and with Cor.No.1 Morgan lode of this survey a pine post ^{heretofore described and} etc scribed 2-2336 Mar L,

Thence S. 38deg 54 min W.

1376.0 to Cor. No.3 the Sth cor identical with location and with cor No. 5 Morgan lode of this survey a pine post ^{heretofore described and} etc, scribe 3-2336 Mar L

Thence S. 73 deg. 31 min E.

132.5 to original location for S E C

482.5 same bearing to Cor.No.4 the SE cor identical with location and with Cor.No.1 Log Cabin lode of this survey ^{4ft long, 4 ins sq. wh. 18 ins. in the ground in a mound of stones}, an oak post, ~~etc~~ scribed 4-2336 Mar L, whence

1/4 sec cor between Secs 20 and 21 T^p 23 S R 20 E brs S. 76 deg. 29 min E. 1253.7 ft.,

Thence N. 33deg. 26 min E

1325.8 to Cor.No.1 the place of beginning

Ledge.

The presumed course of the vein on this claim is from the N E C S 38 deg. 54 min W. 1376 ft.

-----Wedge-----

Beginning at Cor. No.1 the Sth cor identical with location a pine post 5 ins sq 4 ft long set ^{ins.} 18 in the ground in a mound of stones and scribed 1-2336 W L, whence spruce trees 5 ins in diameter scribed X-2336 B T brs S. 54 deg 45 min W 15.3 ft., and a juniper tree 7 ins in diameter and scribed the same brs N. 6 deg 48 min W 14 ft., and U S M M No.1 H D brs. S. 48deg 33 min 30 sec E 2159.1 ft.,

Thence N. 2 deg 43 min W

1074.1 to inversection with N side of sec 20 T^p 23 S R 20 E at S 89 deg 59 min W 961.9 ft from the NE cor and N.89deg 59 min E. 1668.9 ft from the 1/4 cor between secs 17 and 20

Feet

- 1572.4 same bearing to Cor. No. 2 the NE cor an oak post 4 ft long 4 ins sq set 18 ins in the ground in amount of stones and scribed 2-2336 W L, whence an oak tree 8 ins in diameter scribed X-2336 B T brs N. 11 deg 46 min E 18.9 ft., and a second oak tree 6 ins in diameter and scribed the same brs N. 52 deg 45 min E. 33.6 ft and original location for NE cor brs N. 2 deg 46 in W 11.6 ft, and the NE cor of sec 20 Tp 23 S. R 20 E brs S. 63 deg 13 min 30 sec E 1104.3 ft.,
Thence N. 73 deg 31 min W
- 85.5 to Cor. No. 3 the NW cor an oak post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-2336 W L, whence an oak tree 8 ins in diameter scribed X-2336 B T brs. S. 62 deg 25 min W. 3.4 ft., and a second oak tree 10 ins in diameter and scribed the same brs S. 7 deg 15 min E. 15.4 ft., and original location for NW cor brs N. 10 deg 39 min E. 11.0 ft
Thence S. 10 deg 39 min W.
- 531.1 to intersection with the N side sec 20 Tp 23 S R 20 E at S. 89 deg 59 min W 1166.0 ft from the NE cor and N. 89 deg 59 min E. 1464.8 ft from the 1/4 cor between Secs. 17 and 20,
- 589.0 same bearing to Cor. No. 4, identical with Cors No. 1 and 2 of the Cleveland and Harrison lodes respectively of this survey, a maple post etc, ^{heretofore described and} scribed 4-2336 W L
Thence S. 13 deg 12 min W.
- 900.0 to Cor. No. 5 the SW cor identical with location and with Cor No. 2 Morgan lode of this survey a pine post etc, ^{heretofore described and} and scribed 5-2336 W L,
Thence S. 73 deg. 31 min E.
- 189.3 to original location for S E C
- 492.5 same bearing to Cor. No. 1 the place of beginning.
Ledge.
The presumed course of the vein on this claim is from the S E C location N. 8 deg 14 min E. 1500 ft.

Beginning at Cor.No.1, the NE cor identical with location and with Cor.No.4 Marshall lode of this survey an oak post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-2336 L C L whence an oak tree 15 ins in diameter scribed X-2336 B T brs N. 30 deg 30 min E. 6.2 ft., and a second oak tree 12 ins in diameter and scribed the same brs. S. 34 deg W 34.6 ft and U S W No.1 H T brs. S. 84 deg 19 min E 1926.4 ft., and the 1/4 sec cor between secs 20 and 21 Tp 23 S R 20 E brs S. 76 deg 29 min E. 1253.7 ft.

Thence N. 73 deg. 31 min W.

482.5 to cors No.3 and 5 respectively of the Marshall and Morgan lodes of this survey

1082.5 same bearing to Cor.No.2 the NW cor identical with location and with Cors No.4 and 5 of the Morgan and Dauntless lodes respectively of this survey and on line 1-2 Head Center lode of this survey at N. 34 deg 30 min W. 252.6 ft from Cor.No.1, ^{here before described and} an oak post etc, scribed 2-2336 L C L,

Thence S. 32 deg 56 min W.

181.4 to Cor.No.3 the SW cor identical with location an ash post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-2336 L C L whence a pine tree 30 ins in diameter scribed X-2336 B T brs N. 10 deg 10 min E. 32.8 ft and an oak tree 15 ins in diameter and scribed the same brs S. 87 deg. 30 min W 18.8 ft.,

Thence S. 49 deg. 31 min E.

116.1 to intersection with line 1-2 Mountain View lode of this survey at N. 52 deg 2 min W. 814.5 ft from Cor.No 1,

143.8 same bearing to in ter section with line 1-2 Head Center lode of this survey at N. 2 deg 30 min W. 12.8 ft from Cor.No.1,

933.1 same bearing to intersection with line 2-3 Cape Nome lode of this survey identical with line 4-1 Mountain View lode of this survey at S. 36 deg. 06 min 30 sec W

Feet

Log Cabon (Con)

- 36.0 ft. from Cors No. 2 and 1 of the Cape Nome and Mountain View lodes respectively
- 1011.4 same bearing to intersection with line 1-2 Cape Nome lode of this survey at S. 25 deg. 37 min 30 sec E. 88.6 ft from Cor. No. 2,
- 1047.4 same bearing to Cor. No. 4 the SE cor identical with location a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-2336 L C L whence a pine tree 4 ins in diameter scribed A-2336 B T brs S. 9 deg 40 min W. 23.9 ft., and a second pine tree of the same dimensions and scribing brs N. 66 deg 40 min E 16 ft.
- Thence N. 32 deg 56 min E.
- 312.7 to original location for E E C.,
- 625.5 same bearing to Cor. No. 1 the place of beginning.
- Ledge
- The presumed course of the vein on this claim is from the E E C N. 56 deg 43 min W. 1038.3 ft
- Head Center-----
- Beginning at Cor. No. 1 the SE cor identical with location a walnut post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-2336 H C L whence a oak tree 4 ins in diameter and scribed X-2336 B T brs. S. 1 deg 17 min W. 35.6 ft., and an ash tree 5 ins in diameter and scribed the same brs N. 60 deg 36 deg W. 26.3 ft., and U S M M No. 1 H D brs S. 85 deg 21 E 2953.4 ft.,
- Thence N. 2 deg 30 min W.
- 12.8 to intersection with line 3-4 Log Cabon lode of this survey at S. 49 deg 31 min E. 143.8 ft from Cor. No. 3
- 14.4 same bearing to intersection with line 1-2 Mountain View lode of this survey at S. 52 deg 2 min E. 561.2 ft from Cor. No. 2
- 258.6 same bearing to Cors No. 2, 4 and 5 of the Log Cabon Morgan and Dauntless lodes respectively of this survey

Feet

924.8 same bearing to Cor. No. 2 the NE cor identical with location and with Cor. No. 3 Deuntless lode of this survey *heretofore described and* a pine post etc, scribed 2-2336 H C L, whence the 1/4 sec cor between secs 17 and 20 Tp 23 S R 20 E brs N. 14 deg 58 min 30 sec W. 1324.5 ft.,

Thence S. 66 deg 37 min W.

208.7 to original location for NE C

529.7 same bearing to Cor. No. 3 the NW cor identical with location a pine post 4 ins sq 4 ft long set 18 ins in the ground in a mound of stones and scribed 3-2336 H C L whence a pine tree 10 ins in diameter scribed X-2336 B T brs S. 64 deg E. 5.2 ft and a second pine tree 8 ins in diameter and scribed the same brs. N. 56 deg E. 18.5 ft.,

Thence S. 3 deg 42 min 30 sec W.

515.1 to intersection with line 2-3 Mountain View lode of this survey at S. 36 deg. 06 min 30 sec W. 198.1 ft from Cor. No. 2

970.5 same bearing to Cor. No. 4 the SW cor identical with location a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-2336 H C L, whence an oak tree 12 ins in diameter scribed X-2336 B T brs. N. 66 deg. 10 min E. 35.8 ft., and a second oak tree 6 ins in diameter and scribed the same and brs. N. 71 deg. 30 min W. 24.6 ft.,

Thence N. 66 deg. 37 min E.

321.0 to original location for S E C

642.0 same bearing to Cor. No. 1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is from the S E C N. 3 deg. 42 min 30 sec E. 970.5 ft

-----Mountain View-----

Beginning at Cor. No. 1 the NE cor identical with location and with Cor. No. 2 Cape Nome lode of this survey a pine post 4 ins sq. 4 ft long set 18 ins in the ground in a mound of stones and scribed 1-2336

Feet

M V L, whence a pine tree 10 ins in diameter and scribed
X-2336 B T brs. N. 25 deg. 10 min E. 31.7 ft and a sec-
ond pine tree 18 ins in diameter and scribed the
same brs. S. 45 deg. 20 min E. 27.5 ft., and the
1/4 sec cor between secs 20 and 21 Tp 23 S R 20 E.
brs N 85 deg 28 min E. 1629.9 ft., and U S M MNo. 1 H D
brs N. 84 deg 19 min E. 2334.2 ft.,

Thence N. 52 deg 02 min W.

787.8 to intersection with line 1-2 Head Center lode of this
survey at N. 2 deg 30 min W. 14.4 ft from Cor.No.1

814.5 same bearing to intersection with line 3-4 Log Cabon
lode of this survey at S. 49 deg 31 min E. 116.1 ft
from Cor.No.3

1219.0 same bearing to intersection with line 4-5 Dauntless
lode of this survey at S. 86 deg 17 min E. 133.2 ft
from Cor.No.4

1333.9 same bearing to intersection with line 3-4 Dauntless
lode of this survey at N. 34 deg. 16 min 30 sec E.
75.1 ft from Cor.No.4

1349.0 same bearing to Cor.No.2 the NW cor identical with lo-
cation a pine post 4 ins sq. 4 ft long set 18 ins
in the ground in a mound of stones and scribed 2-2336
M V L where an oak tree 4 ins in diameter and scribed
X-2336 B T brs. S. 75 deg. E. 8.6 ft., and a pine tree
12 ins in diameter and scribed the same brs. 85
deg 15 min W. 23.6 ft.,

Thence S. 36 deg. 06 min 30 sec W.

198.1 to intersection with line 3-4 Head Center lode of
this survey at N. 3 deg. 42 min 30 sec E. 455.4 ft
from Cor.No.4, thence from Cor.No.4 N. 66 deg 37 min
E 642.0 ft to Cor.No.1 Head Center lode,

284.2 same bearing to original location for W E C

584.2 same bearing to Cor.No.3, the SW cor identical with
location an oak post 5 ins sq 4 ft long set 18 ins in
the ground in a mound of stones and scribed 3-2336

Mountain View (Con)

Feet

M V L, whence an oak tree 10 ins in diameter scribed X-2336 B T brs. N. 32 deg. 45 min W. 29.8 ft., and a second oak tree of the same dimensions and scribing brs. S. 62 deg 25 min W. 33.7 ft.,

Thence S. 51 deg. 22 min E.

1349.8 to Cor.No.4 the SE cor, identical with location and with Cor.No.3 Cape Nome lode of this survey, a walnut post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-2336 M V L, whence a walnut tree 10 ins in diameter scribed X-2336 B T brs. S. 76 deg 45 min E 18.4 ft., and a pine tree 5 ins in diameter and scribed the same brs S. 49 deg 10 min W. 10.2 ft.,

Thence N. 36 deg. 06 min 30 sec E.

300.0 to original location for E E C

564.0 same bearing to intersection with line 3-4 Log Cabon lode of this survey at S. 49 deg. 31 min E. 933.1 ft. from Cor.No.3,

600.0 same bearing to Cor.No.1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is from the E E C location N. 51 deg. 22 min W. 1349.8 ft.

----- Cape Nome. -----

Beginning at Cor.No.1, the NE cor identical with location, a pine post 4 in/sq 4 ft long set 1 ft in the ground in a mound of stones and scribed 1-2336 C N L whence a pine tree 10 ins in diameter scribed X-2336 B T brs. S 83 deg. 20 min W. 15.3 ft., and a second pine tree 5 ins in diameter and scribed the same brs S. 51 deg 05 min. E. 16.0 ft., and U S M M No. 1 H. D. brs. N. 49 deg. 22 min E. 2271.7 ft.,

Thence N. 25 deg. 37 min 30 sec W.

1295.7 to intersection with line 3-4 Log Cabon lode of this survey at S. 49 deg. 31 min E. 1011.4 ft from Cor.No.3

1384.3 same bearing to Cor.No.2 the NW cor identical with location and with Cor.No.1 Mountain View lode of this sur-

Cape Nome (Con)

Feet

vey a pine post etc, ^{heretofore described and} scribed 2-2336 C N L, whence the 1/4 sec
 cor between secs 20 and 21 Tp 23 S R 20 E. brs. N. 85
 deg. 28 min E. 1629.9 ft.,
 Thence S. 36 deg. 06 min 30 sec W.
 36.0 to intersection with line 2-4 Log Cabin lode of this
 survey at S. 49 deg. 31 min E. 933.1 ft. from Cor No.3
 300.0 same bearing to original location for W E C
 600.0 same bearing to Cor.No.3, the SW cor identical with
 location and with Cor.No.4 Mountain View lode of this
 survey, a walnut post etc, ^{heretofore described and} scribed 3-2336 C N L,
 Thence S. 22 deg. 39 min E.
 1426.0 to Cor.No.4 the SE cor identical with location and with
 Cor No. 2 Mountain Top lode of this survey, an oak post
 4 ft long 5 ins sq set 18 ins in the ground in a mound
 of stones and scribed 4-2336 C N L, whence a juniper
 tree 4 ins in diameter and scribed X-2336 B T brs S. 12
 deg 20 min W. 5.9 ft and an oak tree of the same size and
 scribing brs. N. 47 deg. 16 min W. 42.5 ft.,
 Thence N. 36 deg. 06 min 30 sec E.
 342.0 to original location for E E C.
 603.4 same bearing to Cor.No.1 Mountain Top lode of this
 survey.
 684.0 same bearing to Cor.No.1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is
 from the E E C location N. 24 deg. 07 min W. 1404.7 ft.

-----Mountain Top-----

Beginning at Cor.No.1, the NW cor identical with
 location, a pine post 4 ft long 4 ins/sq set 18 ins in
 the ground in a mound of stones and scribed 1-2336
 M T L, whence a pine tree 4 ins in diameter scribed
 X-2336 B T brs. S. 15 deg. 20 min W. 8.7 ft., and a
 second pine tree 8 ins in diameter and scribed the same
 brs. N. 54 deg. W. 31.1 ft., and U S M M No.1 H. D. brs
 N. 48 deg. 56 min E. 2349.6 ft.,

SURVEY NO. 2336. (Page 15)

Feet

Mountain Top (Con)

Thence S. 36 deg. 06 min 30 sec W.

301.7 to original location for W E C.

603.4 same bearing to Cor. No. 2, the SW cor identical with location and with Cor. No. 4 Cape Nome loc of this survey an oak post et., ^{heretofore described and} scribed 2-2336 M T L,

Thence S. 47 deg. 44 min 30 sec. E

1137.6 to intersection with the S. side of sec 20 Tp 23 S R 20E at S. 89 deg. 59 min W. 602.5 ft from the SW cor and N. 89 deg. 59 min E. 2031.9 ft from the $\frac{1}{2}$ cor between secs 20 and 29

1500.0 same bearing to the Cor. No. 3 the SE cor identical with location an oak post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-2336 M T L, whence an oak tree 4 ins. in diameter and scribed X-2336 B T brs N. 20 deg 40 min W. 14.1 ft., and a pine oak tree of the same size and scribing brs. S. 21 deg. 7 min E 16.7 ft.,

Thence N. 36 deg. 06 min 30 sec E.

301.7 to original location for E E C.,

301.8 same bearing to intersection with S side of sec 20 tp 23 S R 20 E. at S. 89 deg. 59 min W. 156.4ft., from the SE cor. and N. 89 deg. 59 min E. 2478.0 ft from the $\frac{1}{2}$ cor between secs 20 and 29

565.2 same bearing to intersection with the east side of sec 20 Tp 23 S R 20 E. at N. 30 deg 19 min 30 sec W. 212.7 ft from the SE cor and S. 00 deg 19 min 30 sec W 2481.0 ft from the $\frac{1}{2}$ cor between secs 20 and 21,

603.4 same bearing to Cor. No. 4 the NE cor identical with location a pine post 4 ins sq 4 ft. long set 1 ft in the ground in a mound of stones and scribed 4-2336 M T L whence a pine tree 4 ins in diameter and scribed X-2336 B T brs. N. 88 deg. 40 min E. 6 ft., and an oak tree of the same size and scribing brs. S. 69 deg. 30 min W 14.6 ft., and the SE cor of Sec 20 Tp 23 S R 20 E. brs S. 5 deg. 0 min W. 244.5 ft.,

Feet

Mountain Top (Con)

Thence N. 47 deg. 44 min 30 sec W.
 30.8 to intersection with E side of sec 20 Tp 23 S. R. 20 E
 at N. 0 deg. 19 min 30 sec W. 264.3 ft., from the SE
 cor and S. 0 deg. 19 min 30 sec E. 2429.4 ft from the
 1/2 cor between secs 20 and 21
 1500.0 same bearing to Cor.No.1 the place of beginning.

Ledge.

the presumed course of the vein on this claim is from
 the E E C location N. 47 deg. 44 min 30 sec W. 1500 ft.

A R E A S.

Total and net area Cleveland lode,		20.317 a
Harrison		14.315
Wedge		9.578
Marshall		12.090
Morgan		16.468
Head Center		11.621
Cape Nome		17.969
Mountain Top		20.659
Total area Dauntless		12.302 a
Less conflict with Head Center	3.422	
Head Center-Mountain View	.099	3.521
Net area Dauntless		8.781
Total area Log Cabon		9.616
Less Conflict with Head Center	0.297	
Mountain View	0.330	
Cape Nome	0.032	0.659
Net area Log Cabon		8.957
Total area Mountain View		18.329
Less conflict with Head Center		4.354
Net area Mountain View		13.975
Net area of group		154.730 a

IMPROVEMENTS

I hereby certify that the value of the labor and improvements on these claims or for their benefit placed thereon by the claimants or their grantors is not less than \$500 for each location thereof, and that said improvements consist of:

Mountain Top.

No.1	Discovery shaft 4x6x10 ft hrs from Cor No.2 N. 71 deg. 50 min E. 345 ft., Value,	\$100.00
No.2	Shaft 4x6x10 ft hrs from Cor.No.2 N. 76 deg 25 min E. 157 ft., Value,	100.00
	An undivided 1/15 interest in tunnel No. 4 Harrison lode,	<u>500.00</u>
	Total improvements Mountain Top lode,	700.00

Cape Nome.

No.1	Discovery open cut 4x14x10 ft hrs from Cor.No.2 S. 28 deg. 15 min W. 323 ft., Value,	100.00
No.2	Open Cut 4x12x10 ft hrs from Cor.No2 S. 28 deg 45 min W. 367 ft., Value,	100.00
No.3	Open Cut 12x9x10 ft hrs from Cor.No.2 S. 10 deg 30 min W. 232 ft., Value,	200.00
No. 4	Open Cut 4x12x10 hrs from Cor.No.2 S. 13 deg. 50 min E 367 ft.. Value	100.00
No.5	Open Cut 4x12x10 ft and tunnel 4x6x1 5 ft hrs from Cor No.2 S. 12 deg. 15 min E. 380 ft., Value,	<u>200.00</u>
	Total improvements Cape Nome lode,	700.00

Mountain View

No.1	Discovery open cut 4x12x10 ft hrs from Cor.No.4 N. 23 deg. 30 min E. 310 ft., Value,	100.00
No.2	Open Cut 4x12x10 ft hrs from Cor.No.4 N. 37 deg. 45 min W. 458 ft., Value,	100.00
No.3	Shaft 4x6x45 ft hrs from Cor.No.4 N. 41 deg. 20 min W 531 ft., Value	500.00
No.4	Shaft 4x6x10 ft hrs from Cor.No.4 N. 45 deg W 530 ft Value	<u>100.00</u>
	Total improvements Mountain View lode,	800.00

Head Center			
No.1	Discovery shaft 4x6x20 ft hrs from Cor.No.2 S. 23 deg 35 min W. 553 ft., Value,	\$200.00	
No.2	Shaft 5x5x8 ft hrs from Cor.No.2 S. 19 deg 45 min W 550 ft Value	75.00	
No.3	Open Cut 9x15x10 ft and shaft 5x5x8 ft hrs from Cor.No 2 S. 16 deg. W. 555 ft., Value	275.00	
No.4	Tunnel 5x6x40 ft course S. 80 deg W. and winze 4x6x10 ft mouth of tunnel hrs from Cor.No.2 S. 8 deg W 460 ft., Value,	500.00	
No.5	Tunnel 5x6x30 ft course S. 75 deg. W. mouth of tunnel hrs from Cor.No.2 S. 9 deg. 15 min W. 430 ft Value	300.00	
No.6	Tunnel 5x6x20 ft course S. 65 deg W. mouth of tunnel hrs from Cor.No. 2 S. 21 deg. 45 min W. 435 ft Value	200.00	
No.7	Open Cut 4x12x10 ft hrs from Cor.No.2 S. 55 deg. W 173 ft Value,	100.00	
No.8	Open Cut 4x6x10 ft hrs from Cor.No.2 S. 9 deg 45 min W 78 ft Value,	100.00	
No.9	Shaft 4x6x20 ft hrs from Cor.No.2 S. 19 deg 45 min W 280 ft. Value,	200.00	
No.10	Open cut 4x12x10 ft hrs from Cor.No.1 N. 46 deg. 30 min W. 260 ft Value,	<u>100.00</u>	
Total improvements Head Center lode,		\$	\$2050.00
Dauntless.			
No.1	Discovery incline shaft 4x6x65 ft hrs from Cor.No.3 S. 13 deg 15 min E 280 ft Value	700.00	700.00
Morgan			
No.1	Discovery open cut 4x14x10 ft hrs from Cor.No.5 N 54 deg W. 280 ft Value,	100.00	
No.2	Open cut 8x14x12 ft and tunnel 5x6x35 ft course of tunnel N. 60 deg W. mouth of open cut hrs from Cor.No.5 N 25 deg 15 min E. 660 ft Value	<u>500.00</u>	
Total improvements Morgan lode,			600.00

IMPROVEMENTS (Con)

Log Cabon

No.1 Discovery cut 4x12x10 ft brs from Cor.No.1 S. 71 deg
30 min W. 400 ft Value, \$100.00

No.2 Open Cut 4x12x10 ft brs from Cor.No.1 S. 77 deg 20 min
W 356 ft Value, 100.00

An undivided 1/15 interest in tunnel No.4 Harrison lode
Value 500.00

Total improvements Log Cabon lode, \$700.00

Marshall.

No.1 Discovery open cut 4x14x10 ft brs from Cor.No.4
N 19 deg W. 333 ft Value 100.00

No.2 Open Cut 4x12x10 ft brs from Cor.No.3 N. 40 deg
40 min E. 385 ft Value, 100.00

An undivided 1/15 interest in tunnel No. 4 Harrison
lode Value 500.00

Total improvements Marshall lode 700.00

Wedge.

No.1 Discovery cut 4x20x10 ft brs from Cor.No.4 N. 24 deg 30
min E. 390 ft Value 100.00

No.2 Open Cut 4x12x10 ft and tunnel 5x6x63 ft course N.
82 deg. W. mouth of open cut brs from Cor.No.4 N.
50 deg. 10 min E. 392 ft Value 700.00

No.3 Incline shaft 4x6x41 ft brs from Cor.No.4 S. 12 deg.
15 min W. 370 ft Value 500.00

No.4 Shaft 6x8x15 ft brs from Cor.No.5 N. 29 deg. E
245 ft Value 200.00

No.5 Open cut 4x12x12 ft and tunnel 4 x6x25 ft course N. 80
deg W. mouth of open cut brs from cor No.1 N.
44 deg W. 160 ft Value, 350.00

Total improvements Wedge lode, 1850.00

(Improvements)

Cleveland.	
No.1	Discovery open cut 4x12x10 ft brs from Cor.No.1 N. 17 deg. 40 min W. 320 ft Value \$100.00
No.2	Open Cut 5x12x12 ft brs from Cor.No.1 N. 30 deg 55 min W. 290 ft Value, 100.00
No.3	Open Cut 4x20x14 ft and tunnel 5x6x10 ft mouth of open cut brs from Cor.No.1 N. 52 deg. 25 min W. 295 ft Value, 200.00
No.4	Cut 4x6x20 ft and open cut 4x12x10 ft brs from Cor.No.1 N. 54 deg. 10 min W. 300 ft Value <u>200.00</u>
Total improvements Cleveland lode, \$600.00	
Harrison	
No.1	Discovery open cut 4x12x10 ft brs from Cor.No.2 S. 73 deg 20 min W. 340 ft Value 100.00
No.2	Open Cut 4x20x10 ft brs from Cor.No.2 S. 21 deg. W 192 ft Value, 100.00
No.3	Open cut 4x14x10 ft brs from Cor.No.2 S. 15 deg. 35 min W. 217 ft Value, 100.00
No.4	Tunnel 5x6 ft, mouth of which brs from Cor.No.2 S. 41 deg 45 min W. 297 ft., thence S. 18 deg. 19 min E. 442.5 ft, from a point 295 ft in from the mouth of tunnel a drift brs S. 30 deg. 29 min W. 26 ft thence S. 12 deg 41 min W. 98 ft to point 2, thence S. 12 deg 41 min W. 31.5 ft to point 3, thence S. 23 deg 06 min W 62 ft., from point 2 a cross cut brs S. 66 deg. 40 min W. 56 ft, from point 3 a cross cut brs S. 51 deg 38 min E. 34 ft., total length of working 750 ft., Value \$7500.00
	Of this amount 1/15 is applied to this claim <u>500.00</u>
Total improvements Harrison lode, <u>800.00</u>	
Total improvements on group \$10,200.00 ✓	

Note.

The amount of work shown on this group is as it existed on December 12, 1906. Since that time work has been continually carried on in tunnel No.4 of the Harrison lode.

26
92
315
42
175

A portion of the value of Tunnel No. 4 on the Harrison lode has been credited to the improvement of other claims of this survey. This has been done because it is the intention of the management of this property to work and develop all the claims to the south by means of this tunnel, it being the most accessible place to put in permanent workings. The ground rises to the south, the Mountain Top claim being about 1300 feet above the mouth of the tunnel.

This tunnel will be driven along a porphyry-limestone contact through the Daurtless, Head Center, and Log Cabon claims into the Mountain View claim, where a similar formation exists through the Cape Nome and Mountain Top claims.

Note. The intersections of the south side of Sec. 20 with lines 2-3 and 3-4 of the Mountain Top lode have been figured by using the bearing and distance from the S. E. cor. of Sec. 20 to the $\frac{1}{2}$ cor between Secs. 20 and 29 as given in the notes of the survey of that line. I was not able to find this $\frac{1}{2}$ cor, nor any marks along the line.

Other improvements.

Blacksmith shop and carpenter shop each 10 x 12 ft are situated at the mouth of tunnel No.4 Harrison lode.

From Cor.No.2 Harrison lode the NE cor of engine house 26 x 25 ft. brs. S. 87 deg. 30 min W. 102 ft., engine house contains 40 h.p. boiler and 5-drill compressor

From Cor.No.4 Wedge lode, buildings br. as follows:
N. 47 deg. 37 min E. 159.7 ft., to SW cor bunk house 12x14 ft. Tent roof.

N. 52 deg. 37 min E. 182 ft., to SW cor bunk house 16 x 26 ft. one story log house, iron roof.

N. 57 deg. 57 min E. 215 ft. to SW cor bunk house and office, 16 x 32 ft. 2-story log house, shingle roof.

Adjoining claims.

- North. Unsurveyed claims and owners unknown.
- East. Camp No.1 and Camp No.2 unsurveyed, A.P.Pohndorf, owner.
Alice, unsurveyed, Harry Stoddard, owner.
Claims and owners unknown.
- South. O'Neill and Rigby, unsurveyed, A.P.Pohndorf, owner.
Claims and owners unknown.
- West. Triangle, Allright and Old Timer, unsurveyed, owned by applicant herein.
Bluejay, unsurveyed, Estate of Joseph McKinney owner.
Apex, unsurveyed, I. Scarce, owner.
Claims and owners unknown.

Location.

This group is situated in Ramsey cañon, Huachuca Mountains, in the Hartford mining district, Cochise county, Arizona. in Secs. 17, 20, 21 and 29, T. 23 S R 20 E. G & S R B & M., unsurveyed, *but not yet approved.*

Instrument.

This survey was made with a Buff and Buff mining transit. The courses were deflected from the true meridian as determined by direct solar observations, the distances were measured with a 500-ft. and 100-ft. steel tape. Magnetic variation 12 deg. 40 min. E ^{at all corners}

A. H. Jorgensen
U. S. Deputy Mineral Surveyor.
Bisbee, Arizona, Jan. 4, 1907.

Mar. 12, 1907

IMPROVEMENTS.

I hereby certify that the value of labor and improvements on the Cleveland, Harrison, Wedge, Dauntless, Morgan, Marshall, Log Cabon, Head Center, Mountain View, and Cape Nome claims, or for their benefit, placed thereon by the claimants or their grantors is not less than \$500.00 for each location, and that said improvements consist of:

CAPE NOME.

No. 1	Discovery open cut 4x14x10 ft. brs from cor. No. 2 S. 28 deg. 15 min. W. 323 ft., Value	\$100.00
No. 2	Open cut 4x12x10 ft. brs from Cor. No. 2 S. 28 deg. 45 min. W. 367 ft., Value,	100.00
No. 3	Open cut 9x12x10 ft. brs from Cor. No. 2 S. 10 deg. 30 min. W. 232 ft., Value,	200.00
No. 4	Open cut 4x12x10 ft. brs from Cor. No. 2 S. 13 deg. 50 min. E. 367 ft., Value,	100.00
No. 5	Open cut 4x12x10 ft. and tunnel 4x6x15 ft. brs from Cor. No. 2 S. 12 deg 15 min E. 380 ft., Value,	200.00
	An undivided 1/9 interest in Tunnel No. 4 Harrison lode, Value,	<u>833.33</u>
	Total improvements Cape Nome lode,	\$ 1533.33

MOUNTAIN VIEW.

No. 1	Discovery open cut 4x12x10 ft. brs from Cor. No. 4 N. 23 deg. 30 min. E. 310 ft., Value,	\$ 100.00
No. 2	Open cut 4x12x10 ft. brs from Cor. No. 4 N. 37 deg. 45 min W. 458 ft. Value,	100.00
No. 3	Shaft 4x6x45 ft. brs from Cor. No. 4 N. 41 deg 20 min W. 581 ft., Value	500.00
No. 4	Shaft 4x6x10 ft. brs from Cor. No. 4 N. 45 deg. W. 530 ft., Value,	100.00
	An undivided 1/9 interest in Tunnel No. 4 Harrison lode, Value,	<u>833.33</u>
	Total improvements Mountain View lode,	\$1633.33

IMPROVEMENTS (Con.)

HEAD CENTER.

No.1	Discovery shaft 4x6x20 ft.brs from Cor.No.2 S.23 deg.35 min W.553 ft., value,	\$ 200.00
No.2	Shaft 5x5x8 ft.brs from Cor.No.2 S.19 deg.45 min W. 550 ft.,value,	75.00
No.3	Open cut 9x15x10 ft and shaft 5x5x8 ft.brs from Cor.No.2 S.16 deg.W. 555 ft.,value	275.00
No.4	Tunnel 5x6x40 ft.course s.80 deg W.and winze 4x6x10 ft.mouth of tunnel brs from Cor.No.2 S.8 deg W. 460 ft. value,	500.00
No.5	Tunnel 5x6x30 ft.course S.75 deg.W. mouth of tunnel brs from Cor.No.2 S.9 deg 15 min.W.430 ft.value,	300.00
No.6	Tunnel 5x6x20 ft.course S.65 deg W. mouth of tunnel brs from Cor.No.2 S.21 deg.45 min W,435 ft.value,	200.00
No.7	Open cut 4x12x10 ft.brs from Cor.No.2 S.55 deg.W.173 ft.,value,	100.00
No.8	Open cut 4x12x10 ft.brs from Cor.No.2 S.9 deg.45 min.W.78 ft.,value,	100.00
No.9	Shaft 4x6x20 ft.brs from Cor.No.2 S.19 deg.45 min.W. 200 ft.,value	200.00
No.10	Open cut 4x12x10 ft.brs from Cor.No.1 N.46 deg.30 min W. 260 ft.,value,	100.00
	An undivided 1/9 interest in Tunnel No.4 Harrison lode, value,	<u>833.33</u>
	Total improvements Head Center lode,	\$ 2883.33

DAUNTLESS.

No.1	Discovery incline shaft 4x6x65 ft.brs from Cor.No.3 S.13 deg.15 min.E.280 ft.,value,	700.00
	An undivided 1/9 interest in Tunnel No.4 Harrison lode,value,	<u>833.33</u>
	Total improvements Dauntless lode,	\$ 1533.33

IMPROVEMENTS (Con.)

MORGAN

No.1	Discovery open cut 4x14x10 ft brs from Cor.No.5	
	N.54 deg.W. 280 ft.,value,	\$100.00
No.2	Open cut 8x14x12 ft.and tunnel 5x6x35 ft.course	
	N.60 deg.W.mouth of open cut brs from Cor.No.5	
	N.25 deg.15 min.E.660 ft.value,	500.00
	An undivided 1/9 interest in tunnel No.4	
	Harrison lode,value,	<u>833.33</u>
	Total improvements Morgan lode,	\$1433.33

LOG CABON

No.1	Discovery open cut 4x12x10 ft.brns from Cor.No.1	
	S.71 deg.30 min.W. 400 ft.,value,	\$ 100.00
No.2	Open cut 4x12x10 ft.brns from Cor.No.1	
	S.77 deg.20 min.W. 356 ft., value,	100.00
	An undivided 1/9 interest in tunnel No.4	
	Harrison lode, value,	<u>833.33</u>
	Total improvements Log Cabon lode,	\$ 1033.33

MARSHALL

No.1	Discovery open cut 4x14x10 ft.brns from Cor.No.4	
	N.19 deg.W.333 ft.,value,	\$ 100.00
No.2	Open cut 4x12x10 ft.brns from Cor.No.3	
	N.40 deg.40 min.E.585 ft.,value,	100.00
	An undivided 1/9 interest in tunnel No.4	
	Harrison lode, value,	<u>833.33</u>
	Total improvements Marshall lode,	\$ 1033.33

WEDGE

No.1	Discovery open cut 4x20x10 ft.brns from Cor.No.4	
	N.24 deg 30 min.E. 390 ft.,value,	\$ 100.00
No.2	Open cut 4x12x10 ft.and tunnel 5x6x63 ft.course	
	N.82 deg.W.mouth of open cut brs from Cor.No.4	
	N.30 deg. 10 min.E.392 ft.,value,	700.00
No.3	Incline shaft 4x6x41 ft.brns from Cor.No.4	
	S.12 deg.15 min.W. 370 ft.,value,	500.00
No.4	Shaft 6x8x15 ft.brns from Cor.No.5	
	N.29 deg.E.245 ft.,value,	200.00

WEDGE (Con.)

No.5	Open cut 4x12x12 ft. and tunnel 4x6x25 ft. course	
	N.80 deg. W. mouth of open cut brs from Cor. No.1	
	N.44 deg. W. 160 ft., value,	\$350.00
	An undivided 1/9 interest in tunnel No.4	
	Harrison lode, value,	<u>833.33</u>
	Total improvements Wedge lode,	\$2683.33

CLEVELAND

No.1	Discovery open cut 4x12x10 ft. brs from Cor. No.1	
	N.17 deg 40 min. W. 320 ft., value,	\$ 100.00
No.2	Open cut 5x12x12 ft. brs from cor. No.1	
	N.30 deg 55 min. W. 290 ft., value	100.00
No.3	Open cut 4x20x14 ft. and tunnel 5x6x10 ft. mouth of	
	open cut brs from Cor. No.1 N.52 deg. 25 min. W.	
	295 ft., value,	200.00
No.4	Trench 4 ft. wide, 6 ft. deep, 20 ft. long and open cut	
	4x12x10 ft. at end of trench at right angle to it,	
	brs from cor. No.1 N.54 deg. 10 min. W. 300 ft. value,	<u>200.00</u>
	Total improvements Cleveland lode, \$	600.00

HARRISON

No.1	Discovery open cut 4x12x10 ft. brs from Cor. No.2	
	S.73 deg. 20 min. W. 340 ft., value	\$ 100.00
No.2	Open cut 4x20x10 ft. brs from cor. No.2	
	S.21 deg. W. 192 ft., value	100.00
No.3	Open cut 4x14x10 ft. brs from Cor. No.2	
	S.15 deg. 35 min. W. 217 ft., value,	100.00
No.4	Tunnel 5x6 ft., mouth of which brs from Cor. No.2	
	S.41 deg. 45 min. W. 297 ft., thence S.18 deg. 19 min. E.	
	442.5 ft. from a point 295 ft. in from mouth of tunnel	
	a drift brs S.30 deg. 29 min. W. 26 ft., thence S.12 deg.	
	41 min. W. 98 ft. to point 2; thence S.12 deg. 41 min. W.	
	31.5 ft. to point 3; thence S.23 deg. 06 min. W. 62 ft.	
	From point 2 a crosscut brs S.66 deg. 40 min. W. 56 ft.	
	From point 3 a crosscut brs S.51 deg. 38 min. E. 34 ft.	
	Total length of working, 750 ft., value, \$ 7500.00	
	Of this amount an undivided 1/9 interest is	
	credited to this claim, value,	<u>833.33</u>
	Total improvements Harrison lode,	\$1133.33

MOUNTAIN TOP

No.1	Discovery shaft 4x6x10 ft. brs from Cor. No.2	
	N.71 deg. 50 min. E. 345 ft., value,	100.00
No.2	Shaft 4x6x10 ft. brs from Cor. No.2	
	N.76 deg. 25 min. E. 157 ft., value,	<u>100.00</u>
	Total improvements Mountain Top lode,	\$ 200.00
	Total improvements on group,	\$ 15700.00

Note. The amount of work shown on this group is as it existed on December 12, 1906. Since that time work has been continually carried on in the Harrison tunnel.

SURVEY NO. 2336.

MOUNTAIN TOP LODE.

I hereby certify that the value of the labor and improvements placed upon the Mountain Top lode by the claimant or its grantors is not less than Five Hundred Dollars, and that said improvements consist of:

No. 1	Discovery shaft, 4x6x10 ft., brs from Cor. No. 2	
	N. 71° 50' E. 345 ft., value,	\$ 100.00
No. 2	Shaft 4x6x10 ft. brs from Cor. No. 2	
	N. 76° 25' E. 157 ft., value,	100.00
No. 3	Open cut 5x14x10 ft. and tunnel 5x6x27 ft.	
	mouth of cut brs from Cor. No. 2, N. 64° 10' E. 410 ft.	
	course of cut and tunnel S. 40° W. value,	<u>370.00</u>
	Total improvements, Mountain Top lode,	\$ 570.00

All the above improvements were made prior to the expiration of the period of publication of the Notice of Application for Patent.

A. H. Jorgensen
 U.S. Deputy Mineral Surveyor.

Bisbee, Arizona, July 23, 1907.

DEPARTMENT OF THE INTERIOR

Office of U. S. Surveyor General,

Phoenix, Arizona, July 29, 1907.

I, FRANK S. INGALLS, U. S. Surveyor General for the District of Arizona, hereby certify that not less than five hundred dollars' worth of labor has been expended, or improvements made upon the Mountain Top lode mining claim, included in Mineral Survey No. 2336. That said improvements consist of two shafts and one cut and tunnel, total value, \$570, and I further certify that all of said improvements were made prior to the expiration of the period of publication of notice of application for patent.

A copy of the report by H. W. Jorgensen, U. S. Deputy Mineral Surveyor, dated July 23, 1907, which described in detail these improvements, is hereto attached.

Frank S. Ingalls

U. S. Surveyor General.

Affidavit of Five Hundred Dollars Improvements.

We, Louis Koller, and S.A. Young

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Mountain Top mining claim, situate in Hartford Mining district, Cochise County, Arizona Territory, for which the Butte and Arizona Copper Mining 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 improvements 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.

Louis Koller
S.A. Young

TERRITORY OF ARIZONA, }
County of Cochise } ss:

Sworn to and subscribed before me, this 23rd

day of July, 1907



My Commission Expires May 7 1910.

E.G. Strickler
Notary Public

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by H. N. Jorgensen
United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and

boundaries described in the foregoing field notes of the survey of the mining claim of

Butte and Arizona Copper Mining Co.

known as the Harrison, Cleveland, Hedge, Dumethes, Morgan and Marshall, Head Center, Log Cabow, Mountain View, Cape Nome, Mountain Top,
and showing the respective capacities in which they acted.

Frank Rapoth, Chainman.
....., Chainman.
....., Axman.
....., Flagman.

FINAL OATHS OF ASSISTANTS.

I Frank Rapoth
We,

and, do solemnly swear that we assisted

H. N. Jorgensen, United States Deputy Mineral Surveyor, in marking the corners and surveying
the boundaries of the mining claim of

Butte and Arizona Copper Mining Co.

known as the Harrison, Cleveland, Hedge, Dumethes, Morgan, Marshall, Head Center, Log Cabow, Mountain View, Cape Nome, Mountain Top.
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

Frank Rapoth, Chainman.
....., Chainman.
....., Axman.
....., Flagman.

Subscribed and sworn to by the above-named persons before me this 11th

day of January, 1907.

My Commission Expires Dec. 5, 1908.

W. J. Brown
Notary Public
Cochise County, Arizona

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, H. N. Jorgensen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Aug. 28, 1906, 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 Butte & Arizona Copper Mining Co known as the Mountain View Head Center, Cape Nome, Hedge, Hampton, Samtless, Morgan, Marshall, Log Cabow Cleveland, Mountain Top. situate in Hartford Mining District, Cochise County, Arizona, in Section 5 17, 20, 21, 29, Township No. 23 S., Range No. 20 E. B + S. R. B + M. Unsurveyed and designated as Survey No. 2336, 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.

H. N. Jorgensen
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said H. N. Jorgensen,
U. S. Deputy Mineral Surveyor, before me, M. J. Brown,
a Notary Public, this 11th
day of January, 1907.

My Commission expires Dec. 5, 1908.

M. J. Brown
Notary Public
Cochise County, Arizona

JAN 14 1907

Affidavit of Five Hundred Dollars Improvements.

We, Frank Rapath and J. Stafford

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the

Harrison, Cleveland, Hedge, Danthless, Morgan, Marshall, Head Center, Mountain Top, Log Cabow, Cape Nome, Mountain View mining claim, situate in Hartford mining district, Cochise County, Arizona Territory, for which

Butte and Arizona Copper Mining Co.

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 improvements 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.

Frank Rapath
J. Stafford

TERRITORY OF ARIZONA,

COUNTY OF Cochise } ss:

Sworn to and subscribed before me this 12th day

[SEAL.]

of January, 1907.

M. J. Brown
Notary Public,
Cochise County, Arizona

17171b400-3-05

My Commission
expires December
5, 1908.

Territory of Arizona)
County of Cochise) ss

34

I, Frank Hare County, Recorder in and for the said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Mountain Top Mining Claim, filed and recorded in my office on the 12 day of May 1903, in Book 26 page 6, Record of Mines, and that the same is a full, true and correct copy, of such original and of the whole thereof.

Witness my hand and seal of office, the 23d. day of Aug. 1906.

Frank Hare

County Recorder.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Mountain Top 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 W. J. Fowler.

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 22 day of February 1903.

The length of this claim is Fifteen Hundred feet, and 2 claim Two Hundred feet,

in a Northerly direction and Thirteen Hundred feet in a Southerly direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three Hundred 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 North Westerly to the Southeasterly

The claim is situated and located in the Hartford Mining District, in Cochoise County, in the Territory of Arizona, about One half mile

in a Northerly direction from Bear Canon Spring on the Summit of the Huachuca Mountains

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

a monument of stones

at a point in a Northerly direction 200 feet from

the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence Westerly 300 feet to a monument

, being the N. W. corner of said claim; thence

Southerly 1500 feet to a monument, being at the

S. W. corner of said claim; thence Easterly 300 feet

to a monument at the center of the South end of said claim;

thence Easterly 300 feet to a monument, being at the

corner of said claim - Northerly 1500

Territory of Arizona)
) ss
County of Cochise)

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Wedge Mining Claim, filed and recorded in my office on the 4th day of Aug 1903, in Book 27 page 633. Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office, this 23rd day of August, 1906



County Recorder.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Wedge 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 W. J. Fowler

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 5 day of June 1903.

The length of this claim is Fifteen Hundred feet, and 2 claim Two Hundred feet,

in a Northerly direction and Thirteen Hundred feet in a Southerly direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three Hundred 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 Northerly to the Southerly

The claim is situated and located in the Heartford Mining District, in Gochise County, in the Territory of Arizona, about 350 ft

in a Westerly direction from The Old Saw Mill site in

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

a monument of stones

at a point in a Northerly direction 200 feet from

the discovery shaft (at which this notice is posted), being in the center of the North

end line of said claim; thence Westerly 300 feet to a Monument

, being the N.W. corner of said claim; thence

Southerly 1500 feet to a Monument, being at the

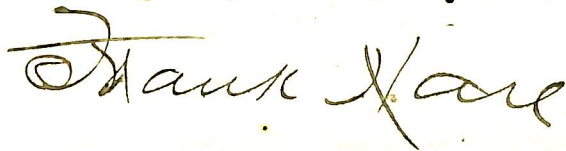
S.W. corner of said claim; thence Easterly 300 feet to a Monument at the center of the South end of said claim:

Territory of Arizona)
) ss
County of Cochise)

38

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Marshall Mining Claim, filed and recorded in my office on the 3rd day of April 1903, in Book 21 page 355 Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office, this 23rd day of August, 1906



County Recorder.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Marshall 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 N. J. Mitchell

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 6 day of January 1903.

The length of this claim is 1500 feet, and 1 claim 1200 feet,

in a Northerly direction and 300 feet in a Sutherly 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 Northerly to the Sutherly

The claim is situated and located in the Hartford Mining District, in Cochise County, in the Territory of Arizona, about 2000 ft

in a Sutherly direction from the Old Saw Mill

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

Monument of stones

at a point in a Sutherly direction 300 feet from

the discovery shaft (at which this notice is posted), being in the center of the South

end line of said claim; thence 300 feet to a monument

of stones, being the South west corner of said claim; thence

1500 feet to a monument of stones, being at the

Northwest corner of said claim; thence 300 feet

Territory of Arizona)
) ss
County of Cochise)

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Log Kabon Mining Claim, filed and recorded in my office on the 23rd day of Sept 1903, in Book 28 page 628 Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office, this 23rd day of August, 1906

Frank Hare

County Recorder.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Log Cabin 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 N. J. Mitchell

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 28th day of June 1903

The length of this claim is Fifteen Hundred feet, and 1 claim four hundred feet, in a n. easterly direction and eleven hundred feet in a westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred 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

Westerly to the Westerly
The claim is situated and located in the Heartford Mining District, in Mochose County, in the Territory of Arizona, about one mile in a South westerly direction from the old Saw Mill and adjoines the south ends of the Morgan and Marshall Mining Claims; and lies at the west of the All Mining claims.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

a monument
at a point in a Easterly direction four hundred feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence three hundred feet to a monument, being the north east corner of said claim; thence fifteen hundred feet to a monument, being at the north west corner of said claim; thence three hundred southly feet

NOTICE OF MINING LOCATION

LODE CLAIM.

42

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Cape Nome 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 purpose of exploration and purchase by W.J. Fowler and T.J. Rankin the undersigned on the 13th day of May, 1900.

The length of this claim is fifteen hundred feet, and we claim fifty feet in a North Easterly direction and fourteen hundred and fifty feet in a Southerly direction from the center of the discovery shaft at which this notice is posted, lengthwise of the claim together with three hundred 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 North to the South.

The claim is situated and located in the Hartford Mining District, in Cochise County, in the Territory of Arizona, about 12 or 1500 ft in a Southwesterly direction from the Old Hattie Green Cabin in Ramseys Canon Huachuca Mts.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at North center end of claim at a point in a S.W. ly direction 50 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence Westerly 300 feet to a monument of stones, being the N.W. corner of said claim; thence Southerly 750 feet to a monument of stones at the center of the West side line of said claim; thence Southerly 750 feet to a monument of stones, being at the S.W. corner of said claim; thence Easterly 300 feet to a monument of stones at the center of the South end of said claim; thence Easterly 300 feet to a monument of stones, being at the S.E. corner of said claim; thence Northerly 750 feet to a monument of stones being at the center of the East side line of said claim; thence Northerly 750 feet to a monument of stones at the N. E. corner of said claim;

thence Westerly 300 feet to the place of beginning.

All done under the provisions of Chapter Six (6) of Title XXXII of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines" approved March 20th, 1895. and amended March 2d, 1899.

Dated and posted on the ground this 13 day of May 1900.

W.T. Fowler

T.J. Rankin

Filed and recorded at request of B.F. Heslep, Aug 7, 1900 at 3:15 P.M. in Book 18, page 184 record of Mines.

Territory of Arizona)
County of Cochise) ss

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Cape Nome Mining Claim, filed and recorded in my office on the 7th day of August 1900 in Book 18- page 184 Records of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof .

Witness my hand and seal of office, this 23rd day of August, A.D. 1906.



County Recorder.

LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name is which is the Morgan Mining Claim situate on lands belonging to the United States of America, in which there are valuable mineral deposits was entered upon and located for the purpose of exploration and purchase by N.J. Mitchell the undersigned on the 6th day of January 1903.

The length of the claim is fifteen hundred feet, and I claim fifty feet in a Southwesterly direction and Fourteen hundred and fifty feet in a Northeasterly direction from the center of the discovery shaft at which this notice is posted, lengthwise of the claim together with three hundred 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 North Easterly to the Southwesterly.

The claim is situated and located in the Hartford Mining District in Cochise County in the Territory of Arizona about three thousand feet in a Southwesterly direction from old Saw Mill Site Ramsey Canon Huachuca Mts.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point Southwesterly direction Fifty feet from the discovery shaft (at which this notice is posted) being in the center of the Southwesterly end line of said claim; thence S.E. 300 feet to a monument being the S.E. corner of said claim; thence N.E. 1500 feet to a monument being at the N.E. corner of said claim; thence N.W. 300 feet to a monument at the center of the Northeast end of said claim; thence N.W. 300 feet to a monument being at the N.W. corner of said claim; thence S.W. 1500 feet to a monument at the S.W. corner of said claim; thence S.E. 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 6th day of January 1903.

N.J. Mitchell.

Witness Ben Morgan.

Filed and recorded at request of A.K. Campbell, April 3, 1903 at 9 A.M. in Book 21, Record of Mines at pages 354-355.

Territory of Arizona)
) ss
County of Cochise)

I, Frank Hare, County Recorder in and for said county, hereby certify that I have compared the foregoing copy with the original Location Notice of the Morgan Mining Claim, filed and recorded in my office on the 3rd day of April, 1903, in Book 21, page 354 Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office, this 23rd day of August, A.D. 1906.

Frank Hare

County Recorder.

LOCATION NOTICE.

NOTICE IS HEREBY GIVEN that the undersigned in compliance with the requirements of the Mining Act of Congress, approved May 10th, 1872, have this day located and claim Fifteen hundred linear feet along the course of this lead lode or vein of mineral bearing quartz, and Three hundred feet in width on each side of the middle of said lead, lode or vein, situated in the Hartford Mining District, County of Cochise, Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the North end of claim, and upon which this notice is posted, thence Westerly (300) Three Hundred feet to a monument of stones; thence Southerly (1500) Fifteen Hundred feet to a monument of stones; thence Easterly (300) Three Hundred feet to a monument of stones being the center of the South end of claim; thence Easterly (300) Three Hundred feet to a monument of stones thence Northerly (1500) Fifteen Hundred feet to a monument of stones; thence Westerly (300) Three Hundred feet to the place of beginning.

This Claim is situated in Ramseys Canon Huachuca Mountains and is bounded on the North End by the Blue Jay Mining ----- and is a relocation of the Danton Mining Claim, and shall be known as the Head Center Mine.

Located January 1st, 1887.

Witness
Wm J. Berner

Locators (Joseph McKinney
(B.F. Heslep

Filed and recorded at request of Joseph McKinney January 20th, 1887 at 11:40 A.M. in Book 11, page 275, Record of Mines.

Territory of Arizona)
County of Cochise) ss

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Head Center Mining Claim, filed and recorded in my office on the 20th day of January, 1887, in Book 11, page 275 Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office, this 23rd day of August 1906.

Frank Hare
County Recorder.

LOCATION NOTICE

NOTICE IS HEREBY GIVEN, that the undersigned in compliance with the requirements of the Mining Act of Congress approved May 10, 1872, have this day located and claim Fifteen Hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz, and three hundred feet in width on each side of the middle of said lead, lode or vein, situate in the Hartford Mining District, County of Cochise, Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the Southerly end of claim, and upon which this notice is posted; thence Easterly Three hundred feet to a monument of stones; thence Northerly Fifteen hundred feet to a monument of stones; thence Westerly Three hundred feet to a monument of stones being the center of the Northerly end of claim; thence Westerly three hundred feet to a monument of stones; thence Southerly Fifteenhundred feet to a monument of stones; thence Easterly Three hundred feet to place of beginning.

This claim is situated neaf the summit of the Huachuca Mts and joining the Native Silver Mine on the South and is a relocation of the Chance Mine., and shall be known as the Mountain View Mine. Located January 1st, 1895.

J. N. Scarce

W.T. Fowler

Filed and recorded at request of B.F. Heslep, January 1st, 1895 at 2:31 P.M. in Book 13, page 102, Record of mines.

Territory of Arizona)
) ss
County of Cochise)

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Mountain View Mining Claim, filed and recorded in my office on the 1st day of January 1895 in Book 13, page 102 Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office, this 23rd day of August, 1906 .

Frank Hare

County Recorder.

NOTICE IS HEREBY GIVEN, that the undersigned in compliance with the requirements of the Mining Act of Congress approved May 10, 1872, have this day located and claim Fifteen hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz, and three hundred feet in width on each side of the middle of said lead, lode or vein, situate in the Hartford Mining District, County of Cochise, Arizona, and more particularly described as follows, to wit:

Commencing at this monument of stones, being the center of the Northerly end of claim, and upon which this notice is posted; thence Westerly three hundred feet to a monument of stones; thence Southerly fifteen hundred feet to a monument of stones; thence Easterly three hundred feet to a monument of stones; being the center of the Southerly end of claim; thence Easterly three hundred feet to a monument of stones; thence Northerly fifteen hundred feet to a monument of stones; thence Westerly three hundred feet to place of beginning.

THIS CLAIM is situated in Ramsey Canon Huachuca Mountains near the forks of the Canon and the old Saw Mill Site of Heslep and Lythe. The Northerly end being near the Easterly end of the Cleveland Mine and shall be known as the Harrison Mine. Located January 1st 1889.

Witness

W.T. Fowler

James Branson

Filed and recorded at request of W.F. Fowler, February 25, 1889 at 9:30 A.M. in Book 12, page 13, Record of Mines.

Territory of Arizona)
) ss
 County of Cochise)

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Cleveland Mining Claim, filed and recorded in my office on the 25th day of February 1889, in Book 12, page 13, Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office, this 23rd day of August, 1906.



County Recorder.

LOCATION NOTICE.

NOTICE IS HEREBY GIVEN , that the undersigned, in compliance with the requirements of the Mining Act of Congress approved May 10th, 1872, have this day located and claim Fifteen hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz , and three hundred feet inn width on each side of the middle of said lead, lode or vein, situated in the Hartford Mining District, County of -----, Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the North Westerly end of claim, and upon which this notice is posted; thence Southerly three hundred feet to a monument of stones; thence South Easterly fifteen hundred feet to a monument of stones; thence Northerly three hundred feet to a monument of stones being the center of the South Easterly end of claim; thence Northerly three hundred feet to a monument of stones; thence North Westerly fifteen hundred feet to a monument of stones thence Southerly three hundred feet to the place of beginning .

This Claim is situate in the Hartford Mining District, Hauchuca Mountains County of Cochise Territory of Arizona and about one mile from the Saw Mill Site, and adjoining the Head Centre and Mamie Mines, and shall be known as the Dauntless Mine. Located January 8th, 1887.

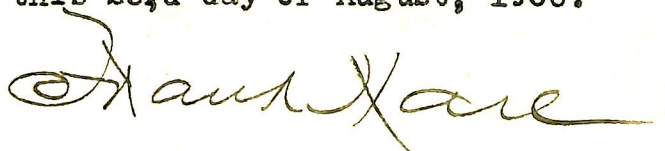
Joseph Halcrow.

Filed and recorded at request of Joseph Halcrow, February 2, 1887 at 9 A.M. in Book 11, page 294, Record of Mines.

Territory of Arizona)
County of Cochise) ss

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Dauntless Mining Claim, filed and recorded in my office on the 2nd day of February, 1887, in Book 11, page 294, Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office, this 23rd day of August, 1906.



County Recorder/.

LOCATION NOTICE.

NOTICE IS HEREBY GIVEN that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872, have this day located and claim Fifteen Hundred linear feet ~~feet~~ along the course of this lead, lode or vein of mineral bearing quartz, and three hundred feet in width on each side of the middle of said lead, lode or vein, situate in the Hartford Mining District, County of Cochise, Arizona and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the Easterly end of claim, and upon which this notice is posted, thence Northerly three hundred feet to a monument of stones; thence Westerly fifteen hundred feet to a monument of stones; thence Southerly three hundred feet to a monument of stones being the center of the Westerly end of claim; thence Southerly three hundred feet to a monument of stones; thence Easterly fifteen hundred feet to a monument of stones; thence Northerly three hundred feet to place of beginning.

This Claim is situated in Ramseys Canon Huachuca near the forks of the Canon and the old Saw Mill Site of Heslep and Lythe. The easterly end being near the Northerly end of of the Harrison Mine, and shall be known as the Cleveland Mine. Located January 1st, 1889.

Witness

W.T. Fowler

James Branson.

Filed and recorded at the request of W.F. Fowler, February 25 1889 at 8 A.M. in Book 12, page 12, Record of Mines, .

Territory of Arizona)
) ss
 County of Cochise)

I, Frank Hare, County Recorder in and for the County hereby certify that I have compared the foregoing copy with the original Location Notice of the Cleveland Mining Claim, filed and recorded in my office on the 25 day of February 1889, in Book 12, page 12, Record of Mines, and that the same is a full, true and correct copy of such original, and of the whole thereof.

Witness my hand and seal of office, this 23rd day of August, 1889.

Frank Hare

County Recorder.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

April 15, 1907

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

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Butte and Arizona Copper Mining Co.

known as the Harrison, Cleveland, Wedge, Dauntless, Morgan, Marshall, Head Center, Log Cabon, Mountain View, Cape Nome, Mountain Top situate in Hartford

Mining District, Cochise County, Arizona

in Sections 17, 20, 21, 29, Township No. 23 S., Range No. 20 E., and

designated as Survey No. 2336, 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, by claimant or its grantors, and that said improvements consist of at time of survey, excepting the Mountain Top, which only has two shafts, valued at \$200.00, improvements for the other claims consist of 9 shafts, 27 cuts, 9 tunnels, 2 cross-cuts, 1 winze and 1 trench, total value, \$15,500. A 1/9 interest in Tunnel No. 4 Harrison, credited to each of Cape Nome, Mountain View, Head Center, Dauntless, Morgan, Marshall, Wedge, Harrison and Log Cabon.

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, 1907

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

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the
Mining Claim of Butte and Arizona Copper Mining Co.

known as the
Harrison, Cleveland, Wedge, Dauntless, Morgan, Marshall, Head
Center, Log Cabon, Mountain View, Cape Nome, Mountain Top.

situate in Hartford Mining District,

Cochise County, Arizona

in Section 17, 20, 31, 29, Township No. 23 S., Range No. 20 E.

designated as Survey No. 2336

executed by H. W. Jorgensen, U. S. Deputy Mineral

Surveyor, Sept. 1 - Dec. 12, 1906, under my instructions dated

Aug. 28, 1906, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.



U. S. Surveyor-General for Arizona.

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