

MINERAL SURVEY No. 4060 A+B

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

James A Twichell

KNOWN AS THE

Buttons, Black Bear, Bennett, Cable, Charm, Crown, Folo, Gilbreth, Homestake, The Home, Little Jim, Little John, Red Wonder, Robert, and White Blaze lodes and Brunton Mill-site
Black Rock Mining District,

Yavapai County, Arizona

Sections 21, 27, 28, 33, & 34, Township 9N, Range 3W Unsurveyed

Surveyed under instructions dated Jan 10, 1928

by Richard L. Merritt
U. S. Mineral Surveyor.

Claim located See location Notices, 19

Survey commenced Jan 17, 1928

Survey completed Feb 7, 1928

Address of claimant F.A. Mueller Constellation
Arizona Atty

DATES OF AMENDED LOCATIONS.

See location Notices

Mineral Sur. NO. 4060, A & B.

Feet

The Home lode,
 Beginning at ^{point for} Cor. No.1, Identical with the loc^{ation}, Whence
 U.S.L.M.No.1384, ^{bears} S.68°25'45"E.1775.43 feet.
 Loc. Cor. mound of stones 3x3 ft.No bearings available.
 As this Cor. falls in the edge of a wash 12 ft. wide,
 course N23°00 W,I established a W.C.^{witness} corner N53°00 W.11 ft.
 A Granite stone 6X6X24 ins.set 12 ins. in the ground
 with mound of stones chiseled X-W.C.1-T.H.4060 A.
 No B^{earings} available.

11. From true Thence N 53°00 W. Va. 14° E
 Cor point

11. To witness Cor. herein before described

880 Cross Wash 12 ft.wide course N 38°00.E

1500 To Cor. No.2, identical with the loc^{ation}.
 A Granite stone 3 X 12 X 26 ins.set 13 ins. in the ground
 with mound of stones chiseled X-2-T.H.4060.A, whence
 Cor. No.1 FOB lode of this Sur. Brs.S19°45'W 395. ft.
 No br^s.available, Loc.cor.mound of stones 3X3 ft.

Thence N19°45'E Va. 14°E

Line 1-4,

Along the East side line, of FOB lode of this Sur,

60 Cross road course S41°W & N 58°E
 300 W.C.End identical with the loc^{ation}.a mound of stones 3X3 ft.

600 To Cor.No.3, identical with the loc^{ation}.
 A Granite stone 12x 14x 24 Ins.set 12 ins. in the ground
 with mound of stones, chiseled X-3-T.H.-4060-A.No bearings
 available.Loc.cor.mound of stones 3x3 ft.

Thence S 53°00'E.Va. 14.°E

50 Cross Wash 20 ft.wide Course N 24°00'W

1500. To Cor.No.4, identical with the loc^{ation}.
 A Granite stone 4x6x24 ins.set 12^{ins.} in the ground with
 mound of stones, chiseled X-4-T.H.4060-A.

Thence S 19°45'W. Va, 14 ° E

Feet
300. E.C.End, identical with the loc. a mound of stones 3x3 ft.
600. To Cor.No.1 the place of beginning.

Buttons lode,

Beginning at Cor. No.1, identical with the location.

A Granite stone 4x12x26 ins.set 13 ins.in the ground,
with mound of stones Chiseled X-1-B.4060-A

No Br's^{ava} available.Loc.cor.mound of stones 3x3 ft.

Whence U.S.L.M.No.1384 brs.S 83°08'30"E.1616.5 ft.

Thence S 26°05'W. Va, 14°E

100. Cross Wash 12 ft.wide course N 24°W.

300. E.C.End. Identical with the loc^{ation}, a mound of stones 3x3 ft.

600. To Cor.No.2, identical with the loc^{ation}, and with Cor. No.1
Crown lode of this Sur.

A Granite stone 6x8x24 ins.set 12 ins.in the ground,
with mound of stones chiseled X-2.B.1-C.4060,A.

No be^{arings} available.Loc.Cor.mound of stones 3x3 ft

Thence N 53°00'W. Va. 14°E

1380. Cross Wash 10 ft.wide course N 53° E.

1500. To Cor.No.3, identical with the loc^{ation}, and with Cors.4 of
Crown, 1 Black Bear, 2 Homestake lodes of this sur.

A Granite stone 6x6x24 ins.set 12 ins.in the ground
with mound of stones chiseled X-3-B.4-C., 1-B.B.2 H.

4060-A.No bearings available.Loc.mound of stones 3x3 ft.

Thence N 26°05' E. Va. 14° E

300. W.C.End Identical with the loc^{ation}, and with the E.C.End of
the Homestake lode of this sur. A mound of stones 3x3 ft.

600. To Cor.No.4 Identical with the loc^{ation}, and with Cor.No.1
Homestake lode of this sur. A Granite stone 5x10x24 ins.
set 12 ins.in the ground with mound of stones chiseled,
X-4-B.1-H.4060-A.No bearings available.Loc.Cor.mound of
stones 3x3 ft.

- Feet
- Thence S 53°00' E. Va. 14° E
300. Cross Wash 10 ft. wide course N 38°00' E
- 1380 Cross Wash 12 ft. wide course N 13° E.
1500. To Cor. No. 1 the place of beginning.
-
- Crown lode.
- Beginning at Cor. No. 1 Identical with the loc^{ation}, and with Cor. No. 2 Buttons, lode of this sur. hereinbefore described
Whence U.S.L.M. No. 1384 brs. N 79°31' E 1900.46 ft.
-
- Thence S 26°05' W. Va. 14° E.
300. E.C. End. Identical with the loc. a mound of stones 3x3 ft.
600. To Cor. No. 2 Identical with the location.
A Granite stone 10x10x24 ins. set 12 ins. in the ground with mound of stones, chiseled X-2-C. 4060-A..
No bearings available. Loc Cor. mound of stones 3x3 ft.
-
- Thence N 53°00' W. Va. 14° E
1500. To Cor. No. 3. Identical with the loc^{ation}, and with cors. 1 of Cable, and 2 of Black Bear lodes of this sur.
A Granite stone 6x6x24 ins. set 12 ins. in the ground with mound of stones chiseled X-3-C. 1-C. 2-B. B. 4060, A.
No bearings available. Loc. Cor. Mound of stones 3x3 ft.
-
- Thence N 26°05' E. Va. 14° E
300. W.C. End Identical with the loc^{ation}, and with the E.C. End of Black Bear lode of this sur. A mound of stones 3x3 ft. in Wash 8 ft. wide, course N 53° E
600. To Cor. No. 4, Identical with the loc^{ation}, and with cors. No. 1 Black Bear, 2. of Homestake, and 3 of Buttons lodes of this Survey hereinbefore described.
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- Thence S 53°00' E Va. 14° E
120. Cross Wash 10 ft. wide course N 53° E.
1500. To Cor. No. 1 the place of beginning
-

- Feet Red Wonder lode,
Beginning at Cor.No.1 Identical with the location.
A Granite stone 4x12x24 ins.set 12 ins. in the ground
with mound of stones chiseled X-1-R.W.4060-A. Whence;
U.S.L.M.No.1384 brs. N 61°06' 15" E.2909.00
No bearings available.Loc.Cor.mound of stones 3x3 ft.
-
- Thence S 26°05' W. Va. 14° E.
300. E.C.End. Identical with the loc. A mound of stones 3x3 ft.
600. To Cor. No.2, Identical with the loc.
A Granite stone 4x10x24 ins.set 12 ins.in the ground
with mound of stones, chiseled X-2-R.W. 4060-A.
No bearings available.Loc.Cor.Mound of stones 3x3 ft.
-
- Thence N 53°00' W. Va.14° E.
1500. To Cor.No.3.Identical with the loc.
A Granite stone 5x10x24 ins.set 12 ins. in the ground,
with mound of stones chiseled,X.3-R.W.4060 A.
No bearings available. Loc.Cor.mound of stones 3x3 ft.
-
- Thence N26°05 ' E. Va. 14° E
50. Cor.No.2 Robert lode of this sur.
300. W.C.End. Identical with the loc.a mound of stones 3x3 ft.
350. E.C.End Robert lode of this sur.
600. To Cor.No.4,Identical with the loc.
A Granite stone 8x10x24 ins.set 12 ins.in the ground
with mound of stones chiseled X-4-R.W. 4060-A.
No bearings available.Loc.Cor.mound of stones 3x3 ft.
-
- Thence S.53°00' E.Va.14° E
1500. To Cor.No.1 the place of beginning.

| | |
|--------|---|
| Feet | Robert lode. Beginning at Cor. No. 1 Identical with the location. A Granite stone 10x12x24 ins. set 12 ins. in the ground with mound of stones chiseled X-1-R.4060-A. No bearings available. Loc. Cor. mound of stones 3x3 ft. U.S.L.M. No. 1384 brs. N 82°59' E. 3750.85 ft. |
| | Thence S. 26°05' W. Va. 14° E. |
| 50. | Cor. No. 4 Red Wonder lode of this sur. |
| 300. | E.C. End Identical with the location, a mound of stones 3x3 ft. |
| 350 | W.C. End of Red Wonder lode of this sur. |
| 600. | To Cor. No. 2, Identical with the location, A Porphyry stone 4x6x24 ins. set 12 ins. in the ground with mound of stones, chiseled X-2-R-4060 -A. No bearings available .Loc. Cor. mound of stones 3x3 ft. |
| | Thence N. 63 °55' W. Va. 14° E. |
| 870 | Cross Road course S 40°30' E and N 40°30' W. |
| 995.2 | Cor. No. 3 Little Jim. of this sur. |
| 1295.2 | N.C. End Little Jim lode of this sur. |
| 1357. | To Cor. No. 3, Identical with the location. A Granite stone 4x12x24 ins. set 12' ins. in the ground with mound of stones, chiseled X-3-R.4060-A/ No bearings available. Loc. Cor. mound of stones 3x3 ft. |
| | Thence N 26°05' E. Va. 14° E |
| 300. | W.C. End Identical with the location, a mound of stones 3x3 ft. |
| 600. | To Cor. No. 4, Identical with the location, and with cors. 2 Bennett and 3 of Cable lodes of this sur. A Granite stone 6x6x24 ins. set 12 ins. in the ground Chiseled X-4-R.2-B.3-C.4060-A. With mound of stones, No bearings available. Loc. Cor. mound of stones 3x3 ft. |

Feet
 450. Thence S 63°55' E Va. 14° E
 Cross Road course N 56°30' E & S 56°30' W
 1357. To Cor.No.1 the place of beginning.

Cable lode,
 Beginning at Cor.No.1, Identical with the loc^{ation}, and with
 Cors.2 Black Bear and 3 of Crown lodes, hereinbefore
 described. Whence U.S.L.M.No.1384 brs.S 89°41'30"E 3330.56 ft.

Thence S 26°05' W. Va. 14° E.
 300. E.C.End, Identical with the loc. a mound of stones 3x3 ft.
 600. To Cor.No.2, identical with the loc^{ation}.
 A Granite stone 4x14x26 ins. set 13 ins. in the ground
 with mound of stones chiseled -2-C.4060-A. No bearings
 available. Loc. Cor. mound of stones 3x3 ft.

Thence N 63°55' W. Va. 14° E
 143. Cor.No.1 Robert lode of this sur.
 1050. ^{Cross Road} Course N 56°30' E & S 56°30' W.
 1500. To Cor.No.3, identical with the loc^{ation}, and with cors. No.4
 Robert, and 2 Bennett. lodes of this sur. Hereinbefore
 described.

Thence N 26°05' E. Va. 14° E
 300. W.C.End identical with the loc^{ation}, and with the E.C.End of
 Bennett lode of this sur, a mound of stones 3x3 ft.
 600. To Cor.No.4. identical with the loc^{ation}, and with cors.No.1
 Bennett, 2 Gilbreth, and 3 Black Bear, lodes of this Sur.
 A Granite stone 12x12x26 ins. set 13 ins. in the ground,
 with mound of stones chiseled X-4-C.2-G, 1-B. and 3-B.B.
 4060-A. Loc. Cor. Mound of stones 3x3 ft

Thence S 63°55' E. Va. 14° E
 780. Cross road course S 68° W. and N 68° E
 1230. Cross wash 8 ft. wide course N 64° E
 1500. To Cor.No.1 the place of beginning.

Black Bear, lode.

Feet Black Bear lode.
 Beginning at Cor. No.1 identical with the loc^{ation}, and with
 Cors. 2-Homestake, 3 Buttons and 4 of Crown, lodes of this sur.
 hereinbefore described. Whence U.S.L.M.No.1384 Brs.
 S 79°42' 30"E. 3116.83 ft.

Thence S 26°05' W Va. 14° E
 300. E.C.End identical with the loc^{ation}, and with the W.C.End of
 Crown lode of this sur.hereinbefore described,
 600. To Cor. No.2 identical with the loc^{ation}, and with Cors. 3 of
 Crown and 1 of Cable lodes of this Sur.Hereinbefore desc
 ribed.

Thence N 63°55' W. Va. 14° E
 270. Cross Wash 8ft.wide course N 64° E
 720. Cross Road course S 68° W and N 68° E
 1500. To Cor.No.3 identical with the loc^{ation}, and with Cors.No.4
 Cable, 1 Bennett, and 2 Gilbreth, lodes of this Sur.herein-
 before, described.

Thence N 26°05' E Va. 14° E
 300. W.C.End identical with the loc^{ation}, and with the E.C.End of
 Gilbreth lode of this Sur.a Mound of stones 3x3 ft.
 600. To Cor.No.4, identical with the loc^{ation}, and with Cors. 1 of
 Gilbreth, 2 of White Blaze and 3 of Homestake lodes of this
 Sur. A Granite stone 12x14x24 ins.set 12 ins.in the ground
 with mound of stones chiseled X-4-B.B.1-G.2W.B.3-H.4060.A
 No bearings available.Loc.Cor.Mound of stones 3x3 ft.

Thence S 63°55' E. Va. 14° E
 1250 Cross road course N 60° E & S 60° W
 1500. To Ger.Cor.No.1 the place of beginning.

- Feet. Homestake lode.
- Beginning at Cor. No.1 identical with the loc^{ation}, and with Cor.No.4 Buttons lode of this Sur.hereinbefore described.Whence U.S.L.M.No.1384 Brs.S 68°36'50" E,3009.49 ft.
-
- Thence S 26°05'W Va. 14° E
300. E.C.End identical with the loc^{ation}, and with the W.C.End Buttons lode of this Sur.hereinbefore described.
600. To Cor.No.2. identical with the loc^{ation}, and with Cors. 3 Buttons, 4 Crown, and 1 Black Bear lodes of this Sur. hereinbefore described.
-
- Thence N 63°55' W.Va.14° E
250. Cross road course N60°E and S 60°W.
1500. To Cor.No3 identical with the loc^{ation}, and with Cors. No.4 Black Bear, 1 Gilbreth and 2 White Blaze lodes of this Sur.hereinbefore described.
-
- Thence N 26°05'E.Va.14° E.
300. W.C.End identical with the loc^{ation}, a mound of stones 3x3 ft.
- 493.65 Cor.No.1 White Blaze lode of this Sur.
600. To Cor.No.4 identical with the loc^{ation}.
- A Granite stone 8x12x24 ins.set 12 ins.in the ground with mound of stones chiseled X-4-H.4060.A
- No bearings available.Loc.Cor.mound of stones 3x3 ft.
-
- Thence S 63°55'E. Va.14° E
100. Cor.No.2 Charm lode of this Sur.
400. S.C.End of Charm lode of this Sur.
700. Cor.No.1 Charm and 2 Fob,lodes of this Sur.
1000. S.C.End Fob,lode of this Sur.
1080. Cross road course N 55°E and S 55°w
1300. Cor.No1 Fob,lode of this Sur.
1500. To Cor.No.1 the place of beginning.

Feet. Fob, lode

Beginning at Cor. No.1 identical with the location,
A Granite stone 8x8x24 ins.set 12 ins.in the ground
with mound of stones chiseled X-1.F.4060-A. Whence;
U.S.L.M.No.1384 Brs. S 68°21'10"E 3208.84 ft.
No bearings available. Loc.Cor.mound of stones 3x3 ft.

Thence N 63°55' W.Va.14°..E

220. Cross road, Course N 55° E and S 55° W.

300. S.C.End.identical with the loc^{ation}, A mound of stones 3x3 ft.

600. To Cor.No.2 identical with the loc^{ation}, and with Cor.No.1
Charm lode of this Sur.

A Quartz stone 8x8x24 ins.set.12 ins.in the ground
with mound of stones chiseled X-2-F.1-C.4060-A.
No bearings available.Loc.Cor.mound of stones 3x3 ft.

Thence N 19°45' E.Va.14° E

1500. To Cor.No.3, identical with the loc^{ation}, and with cor.No.4
Charm lode of this Sur.

A Granite stone 6x11x24 ins.set 12 ins.in the ground
with mound of stones chiseled X-3-F.4-C.4060-A.
No bearings available.Loc.Cor.mound of stones 3x3 ft.

Thence S 63°55'E. Va.14°E

30. Cross wash 20 ft.wide course N 30° W

300. N.C.End identical with the loc^{ation}, a mound of stones 3x3 ft.

600. To Cor.No.4, identical with the location.

A Granite stone 8x10x24 ins.set 12 ins.in the ground
with mound of stones chiseled X-4-F.4060-A. No bearings
available.Loc.Cor.mound of stones 3x3 ft.

Thence S 19°45'W. Va.14°E

460. Cross Wash 20 ft.wide course N 24°W

505. Cor.No.3 The Home lode of this Sur.

805 W.C.End of The Home lode of this Sur.

1045 Cross road course S 41°W and N 58°E

1105 Cor.No.2 The Home lode of this Sur.

1500. To Cor.No.1 the place of beginning.

Feet Charm lode,
 Beginning at Cor.No.1 identical with the loc^{ation}, and with
 Cor.No.2 Fob lode of this Sur.hereinbefore described
 Whence U.S.L.M.No.1384 Brs,S 67°39'20" E 3807.29 ft.

 Thence N 63°55' W Va.14° E
 300. S.C.End identical with the loc^{ation}, a mound of stones 3x3 ft.
 600. To Cor.No.2 identical with the loc^{ation}, A Granite stone
 8x 10x24 ins.set 12 ins.in the ground,with mound of
 stones chiseled X-2-C-4060-A.No bearings available.
 Loc.Cor.mound of stones 3x3 ft.

 Thence N 19°45' E Va.14° E
 890. Cross 4in.pipe line,course S 12°30' E
 1500. To Cor.No.3 identical with the loc^{ation}, A Granite stone
 8x12x24 ins.set 12 ins.in the ground with mound of stones
 chiseled X-3-C-4060-A. No bearings available.Loc.Cor.mo-
 und of stones 3x3 ft.

 Thence S 63°55' E Va.14° E
 300. N.C.End identical with the loc^{ation}, A mound of stones 3x3 ft.
 600. To Cor.No.4 identical with the loc^{ation} and with cor.No.3
 Fob lode of this Sur.hereinbefore described.

 Thence S 19°45' W Va.14° E
 1500. To Cor.No.1 the place of beginning.

 White Blaze lode,
 Beginning at Cor No.1A Granite stone 6x6x24 ins.set 12
 ins.in the ground with mound of stones,chiseled X-1-W.B.
 4060-A.whence U.S.L.M.NO.1384 Brs.S 68°25'20" E 4513.2 ft.
 No bearings available.

 Thence S 26°05' W Va.14° E
 193.65 W.C.End. Homestake lode of this Sur.
 493.65 To Cor.No.2.identical with Cor.No.3 Homestake, 4 Black B
 Bear, and 1 Gilbreth lodes of this Sur.hereinbefore
 described.

(11)

- Feet. Loc. Cor. a mound of stones 3x3ft. brs. S 51°35' E. 135 ft.
- Thence N 51°35' W. Va. 14° E
200. S.C. End identical with the loc^{ation}, a mound of stones 3x3 ft.
535. To Cor. No. 3. identical with the location.
- X-3-W.B. 4060-A chiseled on Granite rock in place 4 ins. wide by 12 ins. high, with mound of stones. No bearings available. Loc. Cor. mound of stones 3x3ft.
- Thence N 11°55' E. Va. 14° E
1500. To Cor. No. 4 identical with the location.
- A Granite stone 4x10x24 ins. set 12 ins. in the ground with mound of stones chiseled X-4-W.B. 4060-A.
- No bearings available. Loc. Cor. mound of stones 3x3 ft.
- Thence S 51°35' E Va. 14° E
335. N.C. End identical with the location a mound of stones 3x3 ft.
670. To Cor. No. 5, identical with the location.
- A Granite stone 8x10x24 ins. set 12 ins. in the ground with mound of stones chiseled X-5-W.B. 4060-A.
- No bearings available. Loc. Cor. mound of stones 3x3 ft.
- Thence S 11°55' W Va. 14° E
- 961.13 To Cor. No. 1 the place of beginning.
- Gilbreth lode
- Beginning at Cor. No. 1 identical with the loc^{ation}, and with Cors. No. 2 White Blaze, 3 Homestake, 4 Black Bear, lodes of this Sur. Hereinbefore described, Whence U.S.L.M. No. 1384 Brs. S 74°35'30" E 4578.5 ft.
- Thence S. 26°05' W Va. 14° E
300. E.C. End identical with the loc^{ation}, and with the WC. End of Black Bear lode of this Sur. hereinbefore described.
600. To Cor. No. 2 identical with the loc. and with Cors. No. 3 Black Bear, 4 Cable and 1 Bennett lodes of this Sur. hereinbefore described

Feet Thence N 51°35' W Va.14°E
 1500. To Cor.No.3 identical with the loc^{ation} and with Cor.No.4
 -Bennett,lode of this Sur.

A Granite stone 8x10x26 ins.set 13 ins.in the ground
 with mound of stones chiseled X-3-G.4-B.-4060-A.
 No bearings available.Loc.Cor.mound of stones 3x3 ft.

Thence N 26°05'E Va.14°E
 300.WC.End identical with the loc^{ation},a mound of stones 3x3 ft.

600. To Cor.No4 identical with the loc^{ation}.
 A Granite stone 8x10x26 ins.set 13 ins.in the ground
 with mound of stones chiseled X-4-G-4060-A.
 No bearings available.Loc.Cor.mound of stones 3x3 ft.

Thence S 51°35' E Va.14°E
 965. Cor.No.3 White Blaze lode of this Sur.
 1300. S.C.End White Blaze lode of this Sur.
 1500. To Cor,No.1 the place of beginning.

Bennett lode
 Beginning at Cor.No.1,identical with the loc.and with
 Cors.No.2 Gilbreth,3 Black Bear and 4 Cable lodes of
 this Sur.hereinbefore described,Whence U.S.L.M.No
 1384 Brs. S 81°45'30" E 4726.58 ft.

Thence S 26°05'W.Va.14°E
 300. E.C.End identical with the loc^{ation} and with the W.C.End
 Cable lode of this Sur. hereinbefore described.

600. To Cor.No.2 Identical with the loc^{ation} and with Cors. 3
 Cable, and 4 Robert lodes of this Sur.hereinbefore
 described.

Feet
 Thence N 51°35'W.Va.14° E.
 1500. To Cor.No.3 Identical with the location.
 A Granite stone 6x8x28 ins.set.14 ins.in the ground
 with mound of stones, chiseled X-3-B.4060-A.
 No bearings available.Loc.Cor.mound of stones 3x3 ft.

Thence N 26°05'E.Va.14°-E.
 300. W.C.End identical with the loc^{ation}, a mound of stones 3x3 ft.
 600. To Cor.No.4 identical with the loc.and with Cor.No.3
 Gilbreth lode of this sur.hereinbefore described.

Thence S 51°35'E.Va.14°-E.
 1500. To Cor.No.1 the place of beginning.
 Little Jim,lode
 Beginning at Cor.No.1, identical with the location.
 A Granite stone 4x6x24 ins.set 12 ins.in the ground
 with mound of stones chiseled X-L.J.1-4060-A.Whence
 U.S.L.M.No.1623 Brs. S. 25°07' --"W.3077.60 ft.No bearings
 available.Loc.Cor.mound of stones 3x3 ft.

Thence N39°03'E.Va.14°-E
 1468.3 To Cor.No.2 Identical with the location.
 Stone
 A Granite 4x8x24 ins.set 12ins.in the ground with mound
 of stones chiseled X-L.J.2-4060-A.No bearings available.
 Loc.Cor.mound of stones 3x3 ft.

Thence S 63°55'E.Va.14° E
 238.2 Cor.No.3 Robert lode of this Sur.
 300. N.C.End.identical with the loc^{ation} A mound of stones 3x3 ft.
 600. To Cor.No.3. Identical with the location.
 A Granite stone 4x10x24 ins.set 12 ins.in the ground
 with mound of stones chiseled X-L.J.3-4060-A. No Brs.
 available.Loc.Cor.mound of stones 3x3 ft.

~~Thence S 39°03' W.Va.14° E.~~

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| Feet | Thence S 39°03'W.Va.14° E. |
| 1468.3 | To Cor.No.4 Identical with the location. A Granite stone 3x12x24 ins.set 12 ins.in the ground with mound of stones chiseled X-L.J.4-4060-A. No hearings available.Loc.Cor.mound of stones 3x3 ft. |
| | Thence N 63°55'W.Va.14°E. |
| 148.8 | Cor.No.4 Little John lode of this Sur. |
| 300. | S.C.End Identical with the loc ^{ation} , a mound of stones 3x3 ft. |
| 448.8 | N.C.End Little John lode of this sur. |
| 600. | To Cor.No.1 the place of beginning. |
| | Little John lode, Beginning at Cor.No.1. Identical with the location. A Schist stone 4x10x24 ins.set 12 ins.in the ground with mound of stones chiseled X-1-L.J.4060-A.whence; U.S.L.M.No.1623 brs.S 32°56'W.1900.2ft. No bearings available.Loc.Cor.mound of stones 3x3 ft. |
| | Thence N 63°55'W.Va.14°E |
| 300. | S.C.End identical with the loc ^{ation} , a mound of stones 3x3 ft. |
| 600. | To Cor No.2 identical with the location. A Granite stone 8x8x26 ins.set 13 ins.in the ground with mound of stones chiseled X-2-L.J.4060-A.No bearings available.Loc.Cor.mound of stones 3x3 ft. |
| | Thence N 34°20'E.Va.14° E. |
| 1203. | To Cor.No.3.identical with the location. A Granite stone 3x14x24 ins.set 12 ins.in the ground with mound of stones chiseled X-3-L.J.4060-A. No hearings available.Loc.Cor.mound of stones 3x3 ft. |
| | Thence S 63°55'E.Va.14°E |
| 148.8 | Cor.No.1 Little Jim lode of this Sur. |
| 300. | N.C.End identical with the loc ^{ation} , a mound of stones 3x3 ft. |
| 448.8 | S.C.End Little Jim lode of this Sur. |
| 600. | To Cor.No.4, Identical with the location. |

Feet. A Granite stone 8x12x24 ins.set 12 ins.in the ground with mound of stones chiseled X-4-L.J.°4060-A No bearings available.Loc.Cor.Mound of stones 3x3 ft.

Thence S 34°20'W.Va.14°E.

1203. To Cor.No.1 the place of beginning.

Brunton Mill-site,

Beginning at Cor.No.1

A Malpais stone 10x12x24 ins.set 12 ins.in the ground with mound of stones chiseled X-1-B.M°S. 4060-B.whence;

U.S.L.M.No.1384 Brs. S 28°30'E 9737.48 ft.

Cor.No.1 Homestake lode, Brs.S 13°52'40" E.7686.07 ft.

No bearings available.Loc. Cor.mound of stones 3x3 ft.

Thence S 70°00'W.Va.14°E

361.86 To Cor.No.2 identical with the location.

A Granite stone 10x14x24 ins.set 12 ins.in the ground with mound of stones chiseled X-2-B-M-S.4060-B.No Brs. available.Loc.Cor.mound of stones 3x3ft.

Thence N20°00'W.va. 14° E.

130. Cross 4 inch pipe line, course South

400 South bank Hassayampa river

500 North " " ", course S 56°00'W

601.88 To Cor No.3, identical with the location.

A Granite stone 8x12x24 ins.set 12 ins.in the ground with mound of stones chiseled X-3-B.M-S.4060-B. No brs. available.Loc.Cor.mound of stones 3x3 ft.

Thence S N 70°00'E.Va.14°E

(361.86)

361.88 To Cor.No.4 identical with the location.

132. X-4-B.M°-S.4060-B.chiseled on Malpais bluff 2 ft.above the ground,with mound of stones.No Brs.available.

Loc.Cor.mound of stones 3x3 ft.

Feet Thence S 20°00'E Va.14°E
 12 North bank Hassayampa river
 132 South " " " " , course S 56°W
 601.88 To Cor.No.1 the place of beginning.

AREA

| The Home lode | Total area..... | 19.732 | acres |
|-------------------|-----------------|--------|-------|
| Buttons " | " " | 20.287 | " |
| Crown " | " " | 20.287 | " |
| Red Wonder " | " " | 20.287 | " |
| Robert " | " " | 18.691 | " |
| Cable " | " " | 20.661 | " |
| Black Bear " | " " | 20.661 | " |
| Homestake " | " " | 20.661 | " |
| Fob " | " " | 20.535 | " |
| Charm " | " " | 20.535 | " |
| White Blaze " | " " | 19.900 | " |
| Gilbreth " | " " | 20.184 | " |
| Bennett " | " " | 20.184 | " |
| Little Jim " | " " | 19.709 | " |
| Little John " | " " | 16.399 | " |
| Brunton Mill-Site | " " | 5.000 | " |

LODE LINES:

As near as can be determined from present Developments the veins on these lodes extend from the discovery as follows:

- The Home lode S 53° E.660.ft.& N53°W. 840 ft.
- Buttons " S 53°E 1300 ft.& N 53°W 200.ft.
- Crown " S 53° E 1490 ft. & N 53° .W 10.ft.
- Red Wonder" S 53° .E 1470 ft. & N 53° .W 30.ft.
- Robert " S 63°55'E1317 ft. & N 63°55'W 40.ft.
- Cable " S 63°55' E.1050 ft.& N 63°55'W 450.ft.
- Black Bear " S 63°55' E.25 ft. & N 63°55'W.1475 ft.
- Homestake " S63°55'E,650 ft.& N 63°55'W. 850.ft.
- Fob. " S 19°45'W.250 ft. & N 19°45'E 1250 ft.

Charm lode S 19°45'W. 600,ft.& N 19°45' E.900.ft.
 White Blaze " S 11°55'W. 1044 ft. & N 11°55'E.456 ft.
 Gilbreth " S 51°35 E 250 ft. & N 51°35'W 1250 ft.
 Bennett " S 51°35' E 50.ft. & N 51°35'W 1450 ft.
 Little Jim " N 39°03'E116 ft.& S 39°03'W. 1352.3 ft.
 Little John " N 34°20'E 102 ft.& S 34°20'W 1101.ft.

ADJOINING CLAIMS

This claim is bounded on all sides by U.S.Land.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon this claim, by the claimant or his grantors is not less than five hundred dollars for each lode, and that said improvements consist of:

The Home lode,

No.1 Dis.Tunnel the mouth of which is on t he lode line 660 ft.from the E.C.End,4x6x30 ft.Course S 37°W

~~4x6x30~~ ft.....value.....\$240.00

No.2 shaft which is on the lode line,420,ft.from the E.C.end,4x6x30 ft. value..... \$300.00

^{1/5} of the value of

No.4 shaft Black Bear lode,a common improvement,~~one-fifteenth~~ is credited to this lode \$5,000.00

Total credited to this lode.....\$5,540.00

Buttons lode,

No.1 Dis.cut which is on the lode line 200 ft.from the W.C.End 4x12x10 ft.course N 53° W. value...\$40.00

^{1/5} of the value of

No.4 shaft Black Bear lode,a common improvement,~~one-fifteenth~~ is credited to this lode \$5,000.00

Total credited to this lode..... \$5040.00

Crown lode,

No.1 Dis.shaft which is on the lode line 10.ft.from the W.C.End 4x6x 180 ft. value..... \$1,800.00

^{1/5} of the value of

No.4 shaft Black Bear lode,a common improvement,~~one-fifteenth~~ is credited to this lode,..\$5,000.00

Total credited to this lode..... \$6,800.00

Red Wonder lode,

No.1 Dis.cut wich is on the lode line 30.ft.from the
W.C.End 4xx15x12 ft.face course S 53°E value \$ 50.00

1/5 of the value of

No.4 shaft Black Bear lode,a common improvement,~~one~~
~~fifteenth~~ is credited to this lode \$5,000.00

Total credited to this lode..... \$5,050.00

ROBERT lode,

No.1 dis.cut which is on the lode line 40.ft.from the
W.C.End 4x12x12 ft.face course N 63°55'W Value \$50.00

1/5 of the value of

No.4 shaft Black Bear lode,a common improvement,~~one~~
~~fifteenth~~ is credited to this lode \$5,000.00

Total credited to this lode..... \$5050.00

CABLE lode,

No,1 dis.tunnel the mouth of which is on the lode line
450 ft.from the W.C.End 4x6x30 ft.course N 26°E

value.....\$180.00

1/5 of the value of

No.4 shaft Black Bear lode,a common improvement,~~one~~
~~fifteenth~~ is credited to this lode, \$5,000.00

Total credited to this lode.... \$5,180.00

BLACK BEAR lode,

No.1 dis.tunnel the mouth of wich is on the lode line
25 ft.from the E.C.End 4x6x300.ft course N63°55'W

value\$2400.00

No.2 tunnel which Brs.from Cor.No.2 N 26°30' W 370.ft.
4x6x200 ft.course N 20° W value\$1200.00

No.3 shaft which Brs.from Cor.No.2 N 52°08'W 480.ft.
4x6x100 ft.. value.....\$1,000.00

No.4 shaft a common improvement,which Brs.from W.C.End
S 63°55'E 230 ft. 5x9ft.in the clear x 750. ft.deep
value \$75,000.00 one fifteenth is credited to this lode

\$5,000.00

Total credited to this lode.....\$9,600.00

HOMESTAKE lode,

No.1 dis.shaft which is on the lode line 850 ft.from
the W.C.End. 4x6x100.ft. value.....\$1,000.00

No.2 shaft which BRs.from Cor.No.3 S 83°30'E 515 ft.

4x6

4x6x325 ft....value.....\$3,250.00
 1/15 of the value of
 No.4 shaft Black Bear lode,a common improvement,~~one~~
~~fifteenth~~ is credited to this lode...\$5,000.00
 Total credited to this lode.....\$9,250.00

FOB lode,
 No.1 dis.cut the face of which is on the lode line
 250 ft.from the S.C.End 4x15x12 ft.^{face,} course N 70°W
 value.....\$50.00

1/15 of the value of
 No.4 shaft Black Bear lode,a common improvement,~~one~~
~~fifteenth~~ is credited to this lode.. \$5,000.00
 Total credited to this lode....\$5,050.00

CHARM lode,
 No.1 dis.cut the face of which is on the lode line
 600 ft.from the S.C.End 4x12x10 ft.^{face,} course S11° E
 value.....\$40.00

1/15 of the value of
 No.4 shaft Black Bear lode,a common improvement, ~~one~~
~~fifteenth~~ is credited to this lode \$5,000.00
 Total credited to this lode,..... \$5,040.00

WHITE BLAZE lode,
 No.1 dis.shaft which is on the lode line 1044.ft. from
 the S.C.End.4x6x 100 ft....value.....\$1,000.00

1/15 of the value of
 No.4 shaft Black Bear lode,a common improvement,~~one~~
~~fifteenth~~ is credited to this lode, \$5,000.00
 Total credited to this lode..... \$6,000.00

GILBRETH lode,
 No.1 dis.cut which is on the lode line 250 ft.from the
 E.C.End 4x12x10 ft.face course N51°35'W value \$40.00

The following work all bear from the W.C.End.
 No.2 cut the face Brs.N 83°30'E^{395'} 4x10x10 ft.^{face} course
 East.....value.....\$40.00

No.3 cut the face of which Brs. N 89°45'E^{410'} 4x10x10 ft.face,
 course N 50° W..... value \$40.00

No.4 cut the face of which Brs.S 84°45'E.405 ft.
 4x10x12 ft. course N 38° E value \$40.00

1/15 of the value of
 No.4 shaft Black Bear lode,a common improvement,~~one~~
~~fifteenth~~ is credited to this lode...\$5,000.00
 Total credited to this lode.....\$5,160.00

BENNETT lode,

No.1 dis .cut the face of which is on the lode line
50 ft.from the E.C.END 4x12x10 ft.^{face} course N 20°W

value..... \$40.00

1/5 of the value of

No.4 shaft Black Bear lode a common improvement, one-
fifteenth is credited to this lode..... \$5,000.00

Total credited to this lode.....\$5,040.00

LITTLE JIM lode,

No.1 dis.cut the face of which is on the lode line
116 ft.from the N.C.END 4x12x10 ft.^{face} course S 39°03' W

value.....\$40.00

1/5 of the value of

No.4 shaft Black Bear lode,a common improvement, one-
fifteenth is credited to this lode.....\$ 5,000.00

Total value credited to this lode\$5,040.00

LITTLE JOHN lode,

No.1 dis,shaft which is on the lode line 102 ft.from
the N.C.END.4x6x10 ft.value..... \$80.00

No.2 tunnel the mouth of which is on the lode line
70 ft.from the N.C.END 4x6x20 ft.course N 63° W

value.....\$120.00

No.3 tunnel the mouth of which is on the lode line 368ft.
from the N.C.END 4x6x70 ft.course N 50° W value \$420.00

1/5 of the value of

No.4 shaft Black Bear lode,a common improvement ,one-
fifteenth is credited to this lode.... \$5,000.00

Total Credited this lode \$5620.00

LOCATION

This claim is located in Black Rock Mining District,
Yavapai County,Arizona.In sections 21,27,28,33,34 & 21
Township 9 N.,Range 3 W. unsurveyed.

INSTRUMENT

This survey was made with a Gurley Transit,the courses
were deflected from the meridian from direct solar
observations.The distances were measured with a
five hundred and a fifty foot steel tape.

REPORT
REPORT

The lode lines of these claims were run upon the ground, and the several corners were established by offsets therefrom. The tie lines were run direct upon the ground.

U.S.L.M.No.1384 is a Granite stone 24x12 ins.chiseled U.S.L.MNo.1384 with mound of stones 5x5 ft.

U.S.L.M.NO.1623 is a post 6x6ins.x 5 ft.high in mound of stones,Scribed U.S.L.M.No.1623.

OTHER IMPROVEMENTS.

From Cor.No.2 Fob.lode ,N 69:50'E.305 ft.to S.W.Cor.

Cyanide plant 30x150 ft.course of long side N 40: E

From Cor.No.2 Fob,lode S 70:35' E 140 ft.to the S.W.Cor. of Mill,69x80 ft.course of long side N 84: E.

From Cor.No.4 Black Bear lode S 9:25'E 305 ft.to the N.W.Cor. of house 22x16 ft.course of long side S 9:E

From Cor.No.4 Black Bear lode,S 4: E 335 ft.to the N.W. Cor.of building thence S.4: W.60 ft.thence S 51: W.

25 ft,building is 16 ft.wide.

From Cor.No.4 Black Bear lode, S 7:50' E 414 ft.to the West Cor.of building 22x24 ft.course of long side N 55: E.

From Cor.No.2 The Home lode, S 78:40'E 640 ft.to West Cor. of house 27x34 ft.course of long side N 32: E

From Cor.No.2 The Home lode S 74: E 740 ft.to S.W.Cor.of house 23x60 ft.course of long side S 74: E.

From Cor.No.2 The Home lode,S 73:40' E.680 ft.to S.W.Cor. of house 22x47 ft.course of long side S.74: E.

From Cor.No2 Brunton Mill-site, N 2: W. 370 ft.to well 4x6x30 ft.From C^Ur.No.2 Brunton Mill-site N 2: W.330 ft. to S.W.Cor.Pump house 16x35 ft.course of long side

N 26: W.

This claim is located on rolling ground,and shaft NO.4 Black Bear lode,the common improvement,is so located that by sinking,drifting,and cross-cutting the entire claim may be developed.

From Cor.No.1Charm lode N 8:06' W 407 ft.to water tank

Richard L. Merritt

U.S.Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Richard L. Merritt

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 _____

James A. Trichell

known as the Buttons, Black Bear, Bennett, Cable, Charm, Crown, Fob, Gilbreth, Homestake, The Home, Little Jim, Little John, Red Wonder, Robert and White Blaze lodes and Brunton Mill-site and showing the respective capacities in which they acted.

H. J. Jennings , Chainman.

W. H. Merritt , Chainman.

..... , Axman.

..... , Flagman.

FINAL OATHS OF ASSISTANTS.

We, H. J. Jennings

and W. H. Merritt , do solemnly swear that we assisted Richard L

Merritt , United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of James A Trichell

Buttons, Black Bear, Bennett, Cable, Charm, Crown, Fob, known as the Gilbreth, Homestake, The Home, Little Jim, Little John, Red Wonder, Robert, and White Blaze lodes and Brunton Mill-site 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~~ OFFICE CADASTRAL ENGINEER

H. J. Jennings , Chainman.

W. H. Merritt , Chainman.

..... , Axman.

..... , Flagman.

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

day of Feb. , 19 28

[Signature]
Notary Public

1/10/29

FINAL OATH OF U. S. MINERAL SURVEYOR

I, Richard L. Merritt, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix Arizona, dated Jan. 10-1928, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly executed the survey of the Mining Claim of James A. Twichell

known as the Buttons, Black Bear, Bennett, Cable, Charm, Crown, Fob, Gilbreth, Homestake, The Home, Little Jim, Little John, Red Wonder, Robert and White Blaze lodes, and Brunton Mill-site situate in Black Rock Mining District,

Yavapai County, Arizona, in Sections 21, 22, 23, 24, Township No. 9 N, Range No. 3 W U.S.

and designated as Survey No. 4060 A and B, 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 Office Cadastral Engineer with said instructions, and that all 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 his 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.

Richard L. Merritt
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Richard L. Merritt
U. S. Mineral Surveyor, before me a Notary Public
this 10th
day of Feb., 1928

W. Bauer
Notary Public

1/10/29

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

Department of the Interior,

~~PUBLIC SURVEY OFFICE
OFFICE OF U. S. SURVEYOR-GENERAL.~~

~~Phoenix, Arizona,~~

~~March 2~~, 1928

I, ~~U. S. Surveyor-General for~~ OFFICE CADASTRAL ENGINEER, **at Phoenix, Arizona,**

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of **James A. Twichell**

known as the **BUTTONS, BLACK BEAR, BENNETT, CABLE, CHARM, CROWN, FOB, GILBRETH, HOMESTAKE, THE HOME, LITTLE JIM, LITTLE JOHN, RED WONDER, ROBERT, and WHITE BLAZE lodes, and BRUNTON Mill-site** situate in **Black Rock**

Mining District, **Yavapai** County, **Arizona**

in Section **21, 27, 28, 33 & 34**, Township No. **9 N.**, Range No. **3 W., Unsur.**, and designated as Survey No. **4060 A&B**

has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improved or for each of **8 shafts, 11 cuts and 6 tunnels, total value \$88,460** improvements made upon said mining claims by claimant or **his** grantors, and that said improvements consist of

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.

John D. Adams

~~United States Surveyor-General for~~ OFFICE CADASTRAL ENGINEER

~~SURVEYOR GENERAL'S~~ CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR
~~OFFICE OF U. S. SURVEYOR GENERAL~~
PUBLIC SURVEY OFFICE

Phoenix, Arizona,

March 2, 1928

I, ~~U. S. Surveyor General for~~ OFFICE CADASTRAL ENGINEER, at Phoenix, Arizona,

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

James A. Twichell

known as the
BUTTONS, BLACK BEAR, BENNETT, CABLE, CHARM, CROWN, FOB, GILBRETH,
HOMESTAKE, THE HOME, LITTLE JIM, LITTLE JOHN, RED WONDER, ROBERT,
and WHITE BLAZE lodes and BRUNTON Mill-site
situate in Black Rock mining district,

Yavapai County, Arizona

in Sections 21, 27, 28, 33, & 34 Township No. 9 N., Range No. 3 W., Unsur.

designated as Survey No. 4060 A&B

executed by Richard L. Merritt, U. S. Mineral

Surveyor, January 17 - February 7, 1928, under my instructions dated

January 10, 1928, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

~~U. S. Surveyor General for~~ OFFICE CADASTRAL ENGINEER