

JAN. 17. 1916

JAN. 26. 1915

4-683.

Mineral Survey No. 3242

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Arizona & Michigan Development Co.

KNOWN AS THE

Blue Lead, Copper Chief, Dwarf, Esmeralda, Little Bush, Southern
Cross, North Star, Blue Lead Extension

COCHISE Mining District,

Cochise County, Arizona

Sections 23 and 26, Township 15 S., Range 22 E. G&SRB&M.

Surveyed under instructions dated September 28th, 1915,

by Ralph L. Motz,
U. S. Deputy Mineral Surveyor

Claim located see location notices, 1

Survey commenced November 15th, 1915., 1

Survey completed November 22nd, 1915., 1

o 6-160

Postoffice address of claimant's attorney,

Cleon T. Knapp,
Bisbee, Arizona.

MINERAL SURVEY NO. 3242.

NORTH STAR.

Beginning at Cor No 1, the S E Cor, identical with location and with Cors No 2 and 3 of Southern Cross and Blue Lead lodes of this survey, respectively,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3242 N S. No bearings available.

The 1/4 Cor between Sections 23 and 26, Tp 15 S., R 22 E., G & S R B & M brs S 88° 04' W 947.3 ft.

thence N 47° 23' W

1500.0 to Cor No 2, the S W Cor, identical with location and with Cor No 2 and the northeast corner of Blue Lead lode of this survey, and Blue Grass lode, unsurveyed, respectively,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3242 N S. No bearings available.

thence N 7° 50' E

228.8 to original location for west end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed WECT-N S-3242,

362.73 intersect line 1-5 Sur No 1717 Ross lode at S 50° 58' W 11.47 ft from Cor No 1, and N 50° 58' E 413.53 ft from Cor No 5,

370.7 to Cor No 3, the N W 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 3-3242 N S, No bearings available.

thence S 46° 58' E

5.5 ~~Cor. No. 3 True Blue lode, Sur. No. 1717, and~~ intersect line 1-5 Sur No 1717 Ross lode at S 50° 58' W 4.9 ft from Cor No 1,

1507.6 to Cor No 4, the N E Cor, identical with location and with Cors No 2 and 3 of Sur No 1717 True Blue and Southern Cross lodes of this survey, respectively,

a pine post 4 ft long 4 x 6 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3242 N S. No bearings available.

thence S 7° 50' W

128.7 to original location for east end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed EECT-N S-3242,

357.5 along line 3-2 Southern Cross lode of this survey to Cor No 1, the place of the beginning.

BLUE LEAD.

Beginning at Cor No 1, the S W Cor, identical with location and with the Southeast, the N.E., and Cor No 2, of Blue Grass lode unsurveyed, Sur No 330 Miantenomah lode, and Little Bush lode of this survey, respectively,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3242 B L,

whence a limestone ledge 15 x 26 ins exposure and chiseled BR x 1-3242 brs N 59° 07' W 53.9 ft., and a second limestone ledge 26 x 21 ins exposure with like chiseling brs S 16° 00' E 26.3 ft., and the 1/4 Cor between Sections 23 and 26, T 15 S., R 22 E., G & S R B & M brs S 41° 31' E 722.8 ft.

thence N 32° 27' E

300.0 to original location for west end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed WECT-BL-3242,

600.0 to Cor No 2, the N W Cor, identical with location and with Cor No 2 North Star lode of this survey, heretofore described to which I add 2-3242 BL for this claim.

thence S 47° 23' E

1500.0 to Cor No 3, the N E Cor, identical with location and with Cor No 1 North Star lode of this survey, heretofore described to which I add 3-3242 B L for this claim.

thence S 32° 27' W

39.2 intersect the section line between Secs 23 and 26 at N 89° 56' W 1720.0 ft from the Cor of Secs 23, 24, 25 and 26, and S 89° 56' E 925.7 ft from the 1/4 Cor between Secs 23 and 26,

300.0 to original location for east end center, identical with Cors No 1 and 1 of Southern Cross and Blue Lead Extension lodes of this survey, respectively,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed EECT-BL-3242,

410.0 to west end center location of Blue Lead Extension lode of this survey,

600.0 to Cor No 4, the S E Cor, identical with location and with Cors No 1, 3 and 4 of Dwarf, Little Bush and Blue Lead Extension lodes of this survey, respectively,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3242 B L,

whence a limestone ledge 60 x 72 x 12 ins exposure and chiseled BR x 4-3242 brs N 81° 41' W 40.6 ft., and a second limestone ledge 36 x 48 x 6 ins exposure with like chiseling brs S 88° 53' E 38.55 ft.

thence N 47° 23' W

700.3 intersect the section line between Secs 23 and 26 at N 89° 56' W 2536.2 ft from the Cor of Secs 23, 24, 25 and 26, and S 89° 56' E 109.5 ft from the 1/4 Cor between Secs 23 and 26,

1500.0 to Cor No 1, the place of the beginning.

LITTLE BUSH.

Beginning at Cor No 1, the S W Cor, identical with location and with Cor No 1, the S E, and the N E ^{Cor} of Copper Chief lode of this survey, Sur No 330 Miantenomah lode, and Sur No 331 Mammoth lode, respectively,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3242 L B,

whence a limestone ledge 17 x 35 ins exposure and chiseled BR x 1-3242 brs S 28° 51' W 35.5 ft., and a second limestone ledge with 27 x 11 ins exposure and like chiseling brs N 75° 30' W 23.55 ft., and the 1/4 Cor between Secs 23 and 26, T 15 S., R 22 E., G & S R B & M brs N 89° 47' E 732.1 ft.

thence N 24° 57' E

3.3 intersect the section line between Secs 23 and 26 at N 89° 59' W 730.8 ft from the 1/4 Cor between Secs 23 and 26, and S 89° 59' E 1902.2 ft from the Cor of Secs 22, 23, 26 and 27,

300.0 to original location for west end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed WEct-LB-3242,

600.0 to Cor No 2, the N W Cor, identical with location and with Cor No 1 Blue Lead lode of this survey, heretofore described, to which I add 2-3242 LB for this claim.

thence S 47° 23' E

799.7 intersect the section line between Secs 23 and 26, at S 89° 56' E 109.5 ft from the 1/4 Cor between Secs 23 and 26, and N 89° 56' W 2536.2 ft from the Cor of Secs 23, 24, 25 and 26,

1500.0 to Cor No 3, the N E Cor, identical with location and with Cor No 4 Blue Lead lode of this survey, heretofore described, to which I add 3-3242 LB for this claim.

thence S 24° 57' W

31.3 cross railroad tracks running from mine to Dragoon,

300.0 to original location for east end center, identical with west end center of Dwarf 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 EECt-LB-3242,

600.0 to Cor No 4, the S E Cor, identical with location and with Cors No 1, 2 and 4 of Esmeralda, Copper Chief and Dwarf lodes of this survey, respectively,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3242 LB,

whence a limestone rock 27 x 26 x 19 ins high and chiseled BR x 4-3242 brs S 36° 30' W 43.3 ft., and a second limestone rock 12 x 19 x 8 ins high with like chiseling brs S 29° 33' E 41.9 ft.

thence N 47° 23' W

1500.0 to Cor No 1, the place of the beginning.

COPPER CHIEF.

Beginning at Cor No 1, the N W Cor, identical with location and with Cor No 1 Little Bush lode of this survey, heretofore described, to which I add 1-3242 CC for this claim,

the 1/4 Cor between Secs 23 and 26, T 15 S., R 22 E., G & S R B & M brs N 89° 47' E 732.1 ft.

thence S 47° 23' E

1500.0 to Cor No 2, the N E Cor, identical with location and with Cor No 4 Little Bush lode of this survey, heretofore described, to which I add 2-3242 CC for this claim.

thence S 24° 57' W

300.0 to original location for east end center, identical with west end center Esmeralda lode of this survey, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed EECT-CC-3242,

600.0 to Cor No 3, the S E Cor, identical with location and with Cor No 4 Esmeralda 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 3-3242 CC. No bearings available.

thence N 47° 23' W

1500.0 to Cor No 4, the S W Cor, identical with location and with the S E Cor of Sur No 331 Mammoth lode,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3242 CC. No bearings available.

thence N 24° 57' E

300.0 to original location for west end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed WECT-CC-3242,

600.0 to Cor No 1, the place of the beginning.

SOUTHERN CROSS.

Beginning at Cor No 1, the S. W. Cor, identical with location and with east end center of Blue Lead lode of this survey, heretofore described, to which I add 1-3242 S C for this claim,

the 1/4 Cor between Secs 23 and 26, T 15 S., R 22 E., G & S R B & M brs N 74° 17' W 816.4 ft.

thence N 32° 27' E

260.8 intersect the section line between Secs 23 and 26, at N 89° 56' W 1720.0 ft from the Cor of Secs 23, 24, 25 and 26, and S 89° 56' E 925.7 ft from the 1/4 Cor between Secs 23 and 26,

300.0 to Cor No 2, identical with Cor No 1 North Star lode of this survey, heretofore described, to which I add 2-3242 S C for this claim,

thence N 7° 50' E

228.8 to east end center location of North Star lode of this survey,

357.5 to Cor No 3, identical with Cor No 4 North Star lode of this survey, heretofore described, to which I add 3-3242 S C for this claim. The original location for the N W Cor of this claim brs N 19° 03' E 659.5 ft., being a monument of stones 3 ft high with a 3 ft base.

thence N 50° 51' E

605.4 intersect line 4-1 Sur No 1717 True Blue lode at N 46° 58' W 0.7 ft from Cor No 1, and S 46° 58' E 1500.2 ft from Cor No 4, (lines 5-6 Sur No 497 Dreadnought lode, 4-1 Sur No 1717 Copper Bell lode are identical with said line 4-1 True Blue lode,

722.2 to Cor No 4, the N W Cor,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3242 S C. No bearings available. The original location for the N W Cor brs N 64° 06' W 384.2 ft.

thence S 64° 06' E

0.5 to original location for north end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed NECT-SC-3242.

1.0 to Cor No 5, the N E Cor, identical with location and situated on line 1-2 Sur No 1717 Copper Bell lode at N 50° 55' E 117.1 ft from Cor No 1, and S 50° 55' W 482.9 ft from Cor No 2, (Cor No 1 Copper Bell lode is identical with Cors No 6 and 1 Sur No 497 Dreadnought lode and Sur No 1717 True Blue lode, respectively. Line 1-2 Sur No 1717 True Blue lode brs S 50° 55' W 605.5 ft.)

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 5-3242 S C,

whence a limestone ledge 31 x 24 ins exposure and chiseled BR x 5-3242 brs N 15° W 12.1 ft., and a second limestone ledge 26 x 48 ins exposure and like chiseling brs S 76° 15' E 21.8 ft.

thence S 17° W

881.9 intersect the section line between Secs 23 and 26, at N 89° 56' W 1347.3 ft from the Cor for Secs 23, 24, 25 and 26, and S 89° 56' E 1298.4 ft from the 1/4 Cor between Secs 23 and 26,

1308.5 to Cor No 6, the S E Cor, identical with location and with the S W and N W Cors of A 1 and A 2 lodges unsurveyed, respectively, and situated on line 1-2 Blue Lead Extension lode of this survey at N 64° 06' W 13.9 ft from Cor No 2,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 6-3242 S C,

whence a limestone rock 48 x 72 ins exposure and chiseled BR x 6-3242 brs S 11° 49' E 5.5 ft., and a second limestone rock 36 x 48 ins exposure and like chiseling brs N 84° 03' W 12.6 ft.

thence N 64° 06' W

295.0 to original location for south end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed SECT-SC-3242,

431.2 to Cor No 1, the place of the beginning.

BLUE LEAD EXTENSION.

Beginning at Cor No 1, the N W Cor, identical with location and with the east end center of Blue Lead lode of this survey, heretofore described, to which I add 1-3242 BLE for this claim,

the 1/4 Cor between Secs 23 and 26 T 15 S., R 22 E., G & S R B & M brs N 74° 17' W 816.4 ft.

thence S 64° 06' E

136.2 to south end center location of Southern Cross lode of this survey,

431.2 to Cor No 6 and the N W Cor of Southern Cross lode of this survey and A 2 lode unsurveyed, respectively, from this point Cor No 3 of this claim brs S 29° 48' W 298.7 ft.

445.1 to Cor No 2, the N E 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 2-3242 B L E,

whence a limestone ledge 72 x 120 x 4 ins high exposure and chiseled BR x 2-3242 brs S 66° 10' W 9.6 ft., and a second limestone ledge 48 x 72 x 4 ins high exposure with like chiseling brs S 6° 16' W 12.2 ft.

thence S 32° 27' W

110.0 to original location for east end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed EECT-BLE-3242,

300.0 to Cor No 3, the S E Cor, identical with location and with Cor No 2 Dwarf lode of this survey, and situated on the west side line of A 2 lode unsurveyed at S 29° 48' W 298.7 ft from the northwest corner,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3242 BLE,

whence a limestone ledge 72 x 48 x 6 ins high exposure and chiseled BR x 3-3242 brs S 25° 16' E 6.6 ft., and a second ledge 60 x 24 x 6 ins high with like chiseling brs S 54° 05' W 34.4 ft.

thence N 64° 06' W.

445.1 to Cor No 4, the S W Cor, identical with location and with Cor No 4 Blue Lead lode of this survey, heretofore described to which I add 4-3242 BLE for this claim.

thence N 32° 27' E.

190.0 to original location for west end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed WECT-BLE-3242,

300.0 to Cor No 1, the place of the beginning.

DWARF.

Beginning at Cor No 1, the N W Cor, identical with location and with Cor No 4 Blue Lead Extension lode of this survey heretofore described to which I add 1-3242 D for this claim,

the 1/4 Cor between Secs 23 and 26, T 15 S., R 22 E., G & S R B & M brs N 52° 48' W 784.5 ft.

thence S 64° 06' E

445.1 to Cor No 2, the N E Cor, identical with location and with Cor No 3 Blue Lead Extension lode of this survey, heretofore described to which I add 2-3242 D for this claim,

thence S 24° 57' W

150.0 cross railroad tracks running from mine to Dragoon,

300.0 to original location for east end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed EECT-D-3242,

600.0 to Cor No 3, the S E 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 3-3242 D,

whence a limestone ledge 12 x 12 x 8 ins high and chiseled BR x 3-3242 brs N 87° 14' E 7.0 ft., and a second limestone ledge 12 x 18 x 8 ins high with like chiseling brs N 67° 06' W 8.1 ft.,

thence N 64° 06' W

50.9 to Cor No 2 Esmeralda lode of this survey, and also intersect the west side line of A 2 lode unsurveyed at S 29° 48' W 900.0 ft., from the northwest corner, and N 29° 48' E 601.3 ft from the southwest corner,

445.1 to Cor No 4, the S W Cor, identical with location and with Cor No 4 Little Bush lode of this survey, heretofore described to which I add 4-3242 D for this claim.

thence N 24° 57' E

300.0 to original location for west end center, identical with east end center Little Bush lode of this survey, heretofore described to which I add WECT-D-3242,

568.7 cross railroad tracks running from mine to Dagoon,

600.0 to Cor No 1, the place of the beginning.

ESMERALDA.

Beginning at Cor No 1, the N W Cor, identical with location and with Cor No 4 Little Bush lode of this survey, heretofore described to which I add 1-3242 E for this claim,

the 1/4 Cor between Secs 23 and 26, T 15 S., R 22 E., G & S R B & M brs N 20° 03' W 1084.1 ft.

thence S 64° 06' E

394.2 to Cor No 2, the N E Cor, identical with location, and situated at the intersection of the west side line of A 2 lode unsurveyed, and line 3-4 Dwarf lode of this survey, at S 29° 48' W 900.0 ft from the northwest corner, and N 29° 48' E 601.3 ft from the southwest corner of A 2 lode, and N 64° 06' W 50.9 ft from Cor No 3, ~~and S 64° 06' E 394.2 ft from Cor No 4 Dwarf 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 2-3242 E,

whence a limestone rock 18 x 18 x 10 ins high and chiseled BR x 2-3242 brs S 47° 30' W 13.3 ft., and a second limestone rock 12 x 16 x 10 ins high with like chiseling brs N 55° 28' E 17.7 ft.

thence S 24° 57' W

300.0 to original location for east end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed EECT-E-3242,

600.0 to Cor No 3, the S E Cor, identical with location and situated on the south end line of A 2 lode unsurveyed, at S 64° 06' E 50.9 ft from the southwest corner,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3242 E. No bearings available.

thence N 64° 06' W

50.9 to the southwest corner of A 2 lode unsurveyed,

394.2 to Cor No 4, the S W Cor, identical with location and with Cor No 3 Copper Chief lode of this survey, heretofore described to which I add 4-3242 E for this claim.

thence N 24° 57' E

300.0 to original location for west end center, identical with east end center Copper Chief lode of this survey, heretofore described to which I add WECT-E-3242 for this claim.

600.0 to Cor No 1, the place of the beginning.

LODE LINES.

NORTH STAR.

The presumed course of the vein on this claim is from the east end center N 47° 23' W 1500.0 ft.

BLUE LEAD.

The presumed course of the vein on this claim is from the west end center S 47° 23' E 1500.0 ft.

LITTLE BUSH.

The presumed course of the vein on this claim is from the west end center S 47° 23' E 1500.0 ft.

COPPER CHIEF.

The presumed course of the vein on this claim is from the west end center S 47° 23' E 1500.0 ft.

SOUTHERN CROSS.

The presumed course of the vein on this claim is from the southend center N 29° 58' E 1296.0 ft.

BLUE LEAD EXTENSION.

The presumed course of the vein on this claim is from the east end center N 64°,06' W 445.1 ft.

DWARF.

The presumed course of the vein on this claim is from the east end center N 64° 06' W 445.1 ft.

ESMERALDA.

The preseumed course of the vein on this claim is from the west end center S 64° 06' E 394.2 ft.

AREAS.

Total area of North Star lode-	- - - - -	-10.297 A.
Conflict with Sur No 1717		
Ross lode-	- - - - -	0.000+

Total area of Blue Lead lode - - - - - -20.337 A.

Total area of Little Bush lode - - - - - -19.687 A.

Total area of Copper Chief lode- - - - - -19.687 A.

Total area of Southern Cross lode-	- - - - -	8.708 A.
Conflict with Sur No 1717		

True Blue lode - - - - - 0.005 A.

Conflict with Sur No 1717

Copper Bell lode and		
Sur No 497 Dreadnought		
lode (cpmmon)-	- - - - -	0.002 A.

Total area of Blue Lead Extension lode - - - - - 3.045 A.

Conflict with A 2 lode
 unsurveyed- - - - - 0.048 A.

Total area of Dwarf lode- - - - - 6.130 A.
 Conflict with A 2 lode
 unsurveyed- - - - - 0.351 A.

Total area of Esmeralda lode- - - - - 5.429 A.
 Conflict with A 2 lode
 unsurveyed- - - - - 0.351 A.

IMPROVEMENTS.

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

NORTH STAR.

- No.1. Discovery shaft 4 x 6 x 10 ft deep brs from east end center on lode line 660 ft. Value \$ 50.00
- 1/8 interest in No 2 improvement on Little Bush lode of this survey, allotted to this claim. Value \$2120.00
- 1/8 interest in No 1 improvement on Copper Chief lode of this survey, allotted to this claim Value \$1674.00
- Total. \$3844.00

BLUE LEAD.

- No.1. Discovery shaft 4 x 6 x 10 ft deep brs from east end center on lode line 450 ft. Value \$ 50.00
- No.2. Shaft 4 x 8 x 9 ft deep brs from west end center N 65° 12' E 64.0 ft. Value \$ 50.00
- No.3. Shaft 4 x 6 x 9 ft deep brs from west end center N 52° 45' E 60.0 ft. Value \$ 45.00
- No.4. Shaft 4 x 6 x 11 ft deep brs from Cor No 1 N 81° 10' E 289.0 ft. Value \$ 100.00
- No.5. Shaft 4½ x 6 x 9 ft deep brs from a point on line 2-3 at S 47° 23' E 600.0 ft from Cor No 2, S 42° 42' W 118.0 ft. Value \$ 45.00
- No.6. Shaft 5 x 7 x 9 ft deep brs from same point S 38° 35' W 135.0 ft. Value \$ 50.00
- No.7. Shaft 5 x 6 x 9 ft deep brs from same point S 31° 13' W 124.5 ft. Value \$ 45.00
- No.8. Shaft 7 x 7 x 10 ft deep brs from point on line 4-1 at N 47° 23' W 700.3 ft from Cor No 4, N 49° 24' E 259.5 ft. Value \$ 150.00
- No.9. Shaft 4 x 6 x 24 ft deep brs from same point N 51° 31' E 258.4 ft. Value \$ 240.00
- No.10. Shaft 4 x 6 x 9 ft deep brs from same point N 61° 01' E 250.2 ft. Value \$ 75.00
- No.11. Shaft 4 x 6 x 35 ft deep brs from same point N 64° 09' E 248.3 ft. Value \$ 350.00
- 1/8 interest in No 2 improvement on Little Bush lode of this survey, allotted to this claim. Value \$2120.00

1/8 interest in No 1 improvement on Copper Chief lode of this survey, allotted to this claim Value \$1,674.00

Total \$4,994.00

LITTLE BUSH.

No.1. ^{Dis.} Shaft 4 x 6 x 10 ft deep on lode line 600 ft from east end center Value \$ 90.00

No.2. Shaft, 2 compartment, timbered, 6.5 x 10 x 415 ft deep, brs from east end center N 30° 38' W 345.3 ft. Value \$16,600.00
At 375 ft level, drift 5 x 7 x 30 ft long brg S 53° W. Value \$ 360.00

\$16,960.00

This shaft was put down for the benefit of the 8 claims of this survey. A 1/8 interest has been allotted to each claim of this survey. 1/8 interest to this claim \$2,120.00

No.3. Incline shaft 4 x 6 x 30 ft deep at 30° ^{on} incline, brs from east end center N 26° 43' W 273.5 ft. Value \$ 300.00

No.4. Shaft 4 x 6 x 9 ft deep brs from east end center S 57° W 168.3 ft. Value \$ 75.00

No.5. Shaft 4 x 6 x 8 ft deep brs from east end center N 82° W 287.2 ft. Value \$ 125.00

No.6. Shaft 4 x 6 x 9 ft deep brs from point on line 2-3 at S 47° 23' E 799.7 ft from Cor No 2, S 40° 45' E 224.4 ft. Value \$ 50.00

No.7. Shaft 4 x 6 x 25 ft deep brs from same point S 1° 01' W 20.2 ft. Value \$ 250.00

No.8. Shaft 4.5 x 7 x 10 ft deep brs from Cor No 1 S 70° 41' E 130.3 ft. Value \$ 100.00

No.9. Incline shaft 5 x 7 x 27 ft deep 45° incline brs from Cor No 1 S 78° 22' E 215.1 ft. Value \$ 300.00

1/8 interest in No 1 improvement on Copper Chief lode of this survey, allotted to this claim Value \$1,674.00

Total \$5,084.00

COPPER CHIEF.

No.1. ^{Dis.} Incline shaft 7 x 7 ft in cross section, the mouth of which brs from east end center on lode line 345.0 ft.
thence N 32° 51' E 62.1 ft at 35° to Sta 1,
" N 33° 12' E 53.7 ft at 34° to Sta 2,
" N 34° 30' E 37.0 ft at 40° to Sta 3,
" N 32° 54' E 39.0 ft at 32° to Sta 4,
" N 33° 05' E 57.9 ft at 28° to Sta 5,
" N 34° 00' E 66.1 ft at 23° to Sta 6,
" N 33° 47' E 99.2 ft at 21°30' to Sta at face,

total shaft 415.0 ft at \$20.00 per foot \$8300.00

at Sta 1, drift 5 x 7 ft runs S 65° 50' E 35.7 ft.
thence S 27° 30' E 20.3 ft.
56.00 ft.

MINERAL SURVEY NO. 3242.

At Sta 2, drift 5 x 7 ft runs N 56° 20' W 13.8 ft Point A.
 thence N 37° 30' W 55.1 ft
 thence N 20° 00' W 40.6 ft.
 thence N 65° 20' W 15.4 ft

124.9 ft.

At Point A, drift 5 x 7 ft runs ^S 33° 26' W 32.6 ft.
 thence N 76° 30' W 44.2 ft.
 thence N 50° 00' W 22.9 ft.

99.7 ft.

At Sta 2, drift 5 x 7 ft runs S 7° 42' W 27.6 ft.
 thence S 68° 15' E 53.9 ft.
 thence S 89° 38' E 20.3 ft.
 thence S 64° 45' E 18.3 ft.

120.1 ft.

At Sta 3, 5 x 7 ft drift runs S 40° 10' E 34.7 ft.
 thence S 24° 15' E 17.1 ft.
 thence S 80° 15' E 30.0 ft.

81.8 ft.

At Sta 4, 5 x 7^f drift runs N 35° 00' W 36.2 ft.
 thence N 44° 00' W 24.0 ft.
 thence N 31° 00' E 40.0 ft.

100.2 ft.

At Sta 4, 5 x 7 ft drift runs S 49° E 28.8 ft.
 thence N 41° E 8.0 ft.

36.8 ft.

At Sta 6, 5 x 7^f drift runs S 56° E 17.0 ft.

Total drifting 636.5 ft at \$8. per
 foot, Value \$5,092.00

Total value of Improvement No 1, \$13,392.00

This work has been done for the benefit of the entire eight claims of this survey, so the value of same has been allotted equally to each claim.

1/8 of same to this claim \$1,674.00

No.2. Incline shaft 4 x 7 x 13 ft deep, incline 40°
 brg N 24° E, brs from Cor No 2 S 45° 27' W 119.8 ft.
 Value \$ 125.00

No.3. Shaft 4 x 6 x 15 ft deep brs from Cor No 2,
 S 24° 57' W 137.5 ft. 1/2 of same on this claim,
 the other 1/2 on Esmeralda claim of this survey
 1/2 of same to this claim Value \$ 75.00

No.4. Incline shaft 5 x 7 x 28.0 ft deep, 41°30'
 incline, brg N 37° E brs from Cor No 2,
 S 63° W 262.8 ft. Value \$ 300.00

No.5. Shaft 6 x 10 x 27 ft deep, timbered, brs
 from Cor No 2, N 74° 13' W 484.0 ft.
 at bottom is a 4 x 6 ft drift running
 N 48° E 12.0 ft., also a second drift
 running S 42° E 13.0 ft. Value \$ 740.00

No.6. Incline shaft 5 x 7 ft in cross section,
 the mouth of which brs from Cor No 1
 S 1° 39' W 292.1 ft.

	shaft brs N 21° 30' E 32.8 ft at 35° thence N 21° 30' E <u>84.0 ft at 30°</u>		
	Total depth 116.8 ft at \$12.50 per foot		\$1,460.00
No.7.	Incline shaft 4 x 8x20 ft deep, at 49° incline, brg N 10° E, brs from Cor No 1 S 2° 55' E 300.5 ft.	Value	\$ 200.00
No.8.	Incline shaft 4 x 12 x 38 ft deep, at 36° 30' incline, brg N 26° E brs from Cor No 1 S 10° 29' E 332.1 ft.	Value	\$ 570.00
No.9.	Shaft 6 x 7 x 11 ft deep brs from Cor. No. 1 S 14° 30' E 351.7 ft.	Value	\$ 150.00
No.10.	Incline shaft 4.5 x 9 x 26 ft deep, at 31° incline, brg N 31° E, brs from Cor. No 1 S 31° 11' E 563.2 ft.	Value	\$ 350.00
	1/8 interest in No 2 Improvement on Little Bush lode of this survey, allotted to this claim	Value	<u>\$2,120.00</u>
	Total		\$7,764.00
	SOUTHERN CROSS.		
No.1.	^{Dis.} Shaft 4 x 6 x 32 ft deep brs from South End Center on lode line 550 ft.	Value	\$ 250.00
No.2.	Shaft 4 x 6 x 10 ft deep brs from Cor No 2 N 49° 47' E 192.0 ft.	Value	\$ 50.00
	1/8 interest in No 2 improvement on Little Bush lode of this survey, allotted to this claim.	Value	\$2,120.00
	1/8 interest in No 1 improvement on Copper Chief lode of this survey, allotted to this claim	Value	<u>\$1,674.00</u>
	Total		\$4,094.00
	BLUE LEAD EXTENSION.		
No.1.	^{Dis.} Shaft 4 x 6 x 8 ft deep brs from west end center on lode line 240.0 ft.	Value	\$ 75.00
No.2.	Shaft 6 x 13 x 10 ft deep brs from Cor No 2 S 45° W 163.5 ft.	Value	\$ 200.00
	1/8 interest in No 2 improvement on Little Bush lode of this survey, allotted to this claim	Value	\$2,120.00
	1/8 interest in No 1 improvement on Copper Chief lode of this survey, allotted to this claim	Value	<u>\$1,674.00</u>
	Total		\$4,069.00
	DWARF.		
No.1.	^{Dis.} Shaft 4 x 6 x 10 ft deep brs from east end center on lode line 245.1 ft.	Value	\$ 75.00
No.2.	Shaft 5 x 7 x 10 ft deep brs from Cor No 1 S 13° 58' E 294.1 ft.	Value	\$ 90.00
No.3.	Shaft 5 x 7 x 9 ft deep brs from Cor No 1 S 8° 24' E 252.5 ft.	Value	\$ 75.00

No.4.	Incline shaft 5 x 5 x 16 ft deep, at 45° incline, brg N 35° E, brs from Cor No 1 S 1° 21' E 204.4 ft.	Value	\$ 130.00
	1/8 interest in No 2 improvement on Little Bush lode of this survey, allotted to this claim	Value	\$2,120.00
	1/8 interest in No 1 improvement on Copper Chief lode of this survey, allotted to this claim	Value	\$1,674.00
	Total		\$4,164.00

ESMERALDA.

No.1. ^{D.S.}	Shaft 5 x 6 x 10 ft deep brs from west end center on lode line 200 ft.	Value	\$ 90.00
No.2.	Shaft 4 x 6 x 9 ft deep brs from Cor No 1 S 27° 07' E 400.5 ft.	Value	\$ 75.00
No.3.	Shaft 8 x 8 x 10 ft deep brs from Cor No 1 S 20° 18' W 104.4 ft.	Value	\$ 175.00
	1/2 interest in improvement ^{of} No 3 of Copper Chief lode, located on this claim	Value	\$ 75.00
	1/8 interest in No 2 improvement on Little Bush lode of this survey, allotted to this claim	Value	\$2,120.00
	1/8 interest in No 1 improvement on Copper Chief lode of this survey, allotted to this claim	Value	\$1,674.00
	Total		\$4,209.00
	Total improvements on group (See * below.)		\$38,222.00

ADJOINING CLAIMS.

North.	Sur No 1717 True Blue and Copper Bell lodes, Sur No 497 Dreadnought lode.
East.	A1 and A 2 lodes, unsurveyed, owned by the Arizona United Mining Company,
South.	Sunnyside and Little Jonnie lodes, unsurveyed, owned by the Arizona United Mining Company.
West.	Sur No 330 Miantenomah ^{unsurveyed} lode, Sur No 331 Mammoth lode, Blue Grass lode, claimed by the applicant herein. Sur No 1717 Ross lode.

INSTRUMENT..

This survey was made with a C. L. Berger & Sons No 1 C transit. The courses were deflected from the true meridian as determined by a Solar observation. The distances were measured with a 300 ft steel tape. Magnetic variation 12° 30' East at all corners.

LOCATION.

This survey is located in the Cochise Mining District, Cochise County, Arizona, in Sections 23 and 26, T 15 S., R 22 E., G & S R B & M.

REPORT.

Cor of Secs 22, 23, 26 and 27 is a limestone rock 3 x 9 x 12 ins high, chiseled II on south face, II on east face. A monument of stones 2 feet west.

1/4 Cor between Secs 23 and 26 is a limestone rock 12 x 6 x 18 ins high set in a small mound of stones, and chiseled 1/4 on north face. A monument of rocks 2 feet west.

Cor of Secs 23, 24, 25 and 26 is a limestone rock 10 x 4 x 10 ins high, and chiseled I on east face, II on south face. A monument of stones 2 feet west.

Sur No 330. Miantenomah lode.

The northeast, and southeast corners, and the east end center, are 4 x 4" posts scribed MNE, MSE and MIM, respectively.

I find line SE-NE to be N 24° 57' E 600.0 ft instead of N 25° 33' E 600.0 ft.

Sur No 331 Mammoth lode.

The northeast and southeast corners, and the east end center, are 4 x 4" posts scribed MNE, MSE, and MIM, respectively.

I find line SE-NE to be N 24° 57' E 600.0 ft instead of N 25° 33' E 600.0 ft.

Sur No 497, Dreadnought lode.

Cors No 1 and 6 are 6 x 6" posts scribed D NO V-USS, and D NO VI-USS.

I find line to be N 50° 55' E 300.0 ft instead of N 51° 05' E 300.0 ft.

Sur No 1717 Copper Bell lode.

Cors No 1 and 2 are 6 x 6" posts scribed 1-1717 and 2-1717, respectively,

Cor No 4 is a 4 x 6" post scribed 4-1717.

I find line 1-2 to be N 50° 55' E 600.0 ft. instead of N 51° 17' E 600.0 ft.

~~4-1717~~ to be S 46° 58' E 1501.6 ft instead of S 46° 40' E 1500.0 ft.

Sur No 1717 True Blue lode.

Cor No 1 is a 6 x 6" post scribed 1-1717.

Cors No 2 and 3 are 4 x 6" posts scribed 2-1717 and 3-1717, respectively,

I find line 1-2 to be S 50° 55' W 605.5 ft instead of S 51° 17' W 605.82 ft.

2-3 to be N 46° 58' W 1502.1 ft instead of N 46° 40' W 1500.0 ft.

Sur No 1717 Ross lode.

Cor No 1 is a 4 x 6" post scribed 1-1717.

Cor No 5 is a 6 x 6" post scribed 1717.

I find line 5-1 to be N 50° 58' E 425.0 ft instead of N 51° 17' E 425.0 ft.

Ralph L. Moz

U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

December 20th, 1915.

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* The surface of the claims embraced in this survey is practically level. Shaft No. 2 on the Little Bush lode is centrally located with reference to the claims of this survey, and it reaches a depth of 415 feet, at which point drifts may be run in various directions to develop the ground in depth. Shaft No. 1 on the Copper Chief lode is an incline shaft, located near the south end of the group, and so pointed that it tends to cut under the surface of the ground covered by the claims of this group. As both of the improvements tend to develop all the claims of this survey I have considered them as common improvements.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Ralph L. Motz

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 _____

ARIZONA & MICHIGAN DEVELOPMENT CO.

known as the Blue Lead, Copper Chief, Dwarf, Esmeralda, Little Bush, Southern Cross, North Star, Blue Lead Extension

and showing the respective capacities in which they acted.

- J. J. Backnes, Chainman.
- _____, Chainman.
- _____, Axman.
- _____, Flagman.

FINAL OATHS OF ASSISTANTS.

~~WE~~ I, J. J. Backnes

~~and~~ _____, do solemnly swear that ~~we~~ I assisted Ralph L. Motz

_____, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of ARIZONA & MICHIGAN DEVELOPMENT CO.

known as the Blue Lead, Copper Chief, Dwarf, Esmeralda, Little Bush, Southern Cross, North Star, Blue Lead Extension

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~~ ^{my} 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

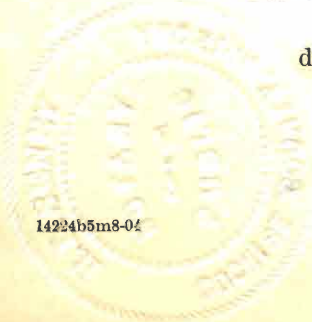
- J. J. Backnes, Chainman.
- _____, Chainman.
- _____, Axman.
- _____, Flagman.

Subscribed and sworn to by the above-named persons before me this 25

day of November 1915, ~~1900~~

R. L. Seney
Notary Public in and for the County of
Cochise, State of Arizona.
My commission expires _____

My commission expires Feb. 18, 1917.



(4-686.)

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

I, Ralph I. Motz, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated September 28th, 1915, 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 Arizona & Michigan Development Co., known as the Blue Lead, Copper Chief, Dwarf, Esmeralda, Little Bush, Southern Cross, North Star, Blue Lead Extension, situate in Cochise Mining District, Cochise County, Arizona, in Sections 23 and 26, Township No. 15 S., Range No. 22 E. G & S R B & M. and designated as Survey No. 3242, 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.

Ralph I. Motz
U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Ralph I. Motz,
U. S. ~~Deputy~~ Mineral Surveyor, before me J. W. Ross, Notary Public
this 20th
day of December, 1915,

JW Ross
Notary Public in and for the County
of Cochise, State of Arizona.
My commission expires February 21st, 1916.

AMENDED Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Blue Lead
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 The Arizona & Michigan Development Company

(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 8th day of September, 1915 ~~190~~

The length of this claim is 1500 feet,
and it claims 450 feet,
in a south easterly direction and 1050
feet in a north westerly 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
north west to the south east

The claim is situated and located in the Cochise Mining District, in
Cochise County, in the State of Arizona, about 3/4 mile
in a south westerly direction from Johnson, P. O. in Secs 23 and
26, T. 15-S., R. 22-E. G. & S. R. B. & M. Bounded on the north by North Star
on the east by Southern Cross and Blue Lead Extension, on south by Little Bush
and on the west by Blue Grass.

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

at a point in a south easterly direction 450 feet from
the discovery shaft (at which this notice is posted), being in the center of the east
end line of said claim; thence south westerly 300 feet to a post and monument
being the south east corner of said claim; thence
north westerly 1500 feet to a post and monument, being at the
south west corner of said claim; thence north easterly 300 feet
to a post and monument at the center of the west end of said claim;
thence north easterly 300 feet to a post and monument, being at the
north west corner of said claim; thence south easterly 1500
feet to a post and monument at the north east corner of said claim;
thence south westerly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of
the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise
and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Blue Lead
Mining Claim, located by F. R. Perry and W. Deckeraw
on the 1st day of
April 1899 ~~1900~~, and recorded in Book 16 of Records of Mines, at
page 11, in the office of the County Recorder of the aforesaid County of Cochise
to which reference is hereby made, and this Amended Location Notice is made and posted to
correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 8th day of September 1915 ~~1900~~

Arizona & Michigan Devel. Co
J. J. Lang
Asst.

TERRITORY OF ARIZONA,
County of..... COCHISE ss.

I, *Queen E. Murphy*, County Recorder in and for the County and

Territory aforesaid, do hereby certify that the within instrument was filed for record at..... o'clock,..... M.,

on this..... day of..... **SEP 24 1915** 190..., and duly recorded in Book No. *54*

of..... **MINING** Records of..... **COCHISE** County, Arizona, at pages..... *74*

WITNESS my hand and official seal the day and year first above written.

Queen E. Murphy
County Recorder.

INDEXED

4464

AMENDED
Notice of Location.
LODE CLAIM.

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Dated..... 190.....

Filed and Recorded at request of

Alvan J. Snapp

SEP 24 1915 A. D. 190.....

at..... P. M.

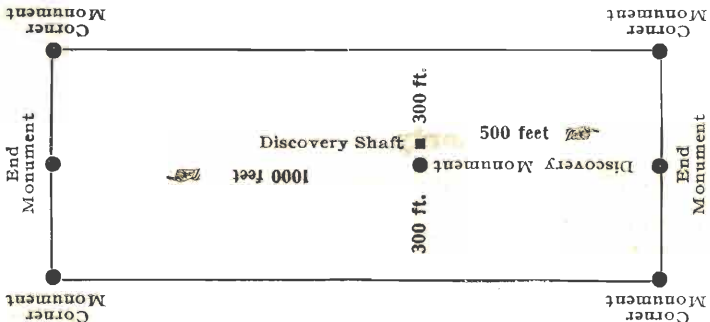
Book *54* Record of Mines

Pages *74*

Alvan E. Murphy
County Recorder.

By..... Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Copper Chief
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 The Arizona & Michigan Development Company

(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 8th day of September 1905

The length of this claim is 1500 feet,
and it claims 345 feet,
in a south easterly direction and 1155
feet in a north westerly 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
north west to the south east

The claim is situated and located in the Cochise Mining District, in
Cochise County, in the State of Arizona, about 3/4 mile
in a south westerly direction from Johnson P. O. in Sec. 26, T. 15 S.,
R. 22 E. G. & S. R. B & M and is bounded on the north by Little Bush, on the
east by Esmeralda and on the west by Sur. No. 331, Mammoth.

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

at a point in a south easterly direction 345 feet from
the discovery shaft (at which this notice is posted), being in the center of the east
end line of said claim; thence south westerly 300 feet to a monument and post
, being the south east corner of said claim; thence
north westerly 1500 feet to a post and monument, being at the
south west corner of said claim; thence north easterly 300 feet
to a post and monument at the center of the west end of said claim;
thence north easterly 300 feet to a post and monument, being at the
north west corner of said claim; thence south easterly 1500
feet to a post and monument at the north east corner of said claim;
thence south westerly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of
the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise
and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Copper Chief
Mining Claim, located by H. S. Wein
on the 21st day of
February 1898 ~~1900~~, and recorded in Book 14 of Records of Mines, at
page 577, in the office of the County Recorder of the aforesaid County of Cochise
to which reference is hereby made, and this Amended Location Notice is made and posted to
correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 8th day of September 1905

Arizona & Michigan Dev Co
J. J. Long

TERRITORY OF ARIZONA,
County of **COCHISE** } ss.

I, *Anna E. Murphy*, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at o'clock, M., on this day of **SEP 24 1915** 190., and duly recorded in Book No. *54* of Records of **COCHISE** County, Arizona, at pages *72*

WITNESS my hand and official seal the day and year first above written.

Anna E. Murphy
County Recorder.

INDEXED
4462

AMENDED
Notice of Location.
LODE CLAIM.

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Dated 190.

Filed and Recorded at request of

Blair J. Hoopp

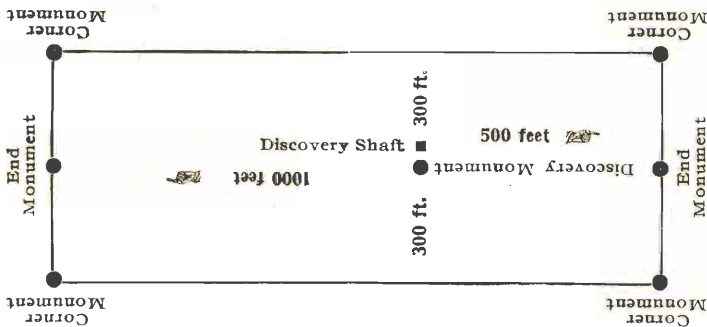
SEP 24 1915 A. D. 190
at *1 P.* M.

Book *54* Record of Mines

Pages *72*
Anna E. Murphy
County Recorder.

By Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Dwarf 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 Arizona & Michigan Development Company

(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 8th day of September 1915

The length of this claim is 500 feet, and it claims 200 feet, in a North westerly direction and 300 feet in a South easterly 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 South east to the North West.

The claim is situated and located in the Cochise Mining District, in Cochise County, in the State of Arizona, about 1/2 mile in a South westerly direction from Johnson P. O. in Sec 26, T. 15-S R. 22-E., G. & S. R. B. & M. bounded on the west by Little Bush, on North by Blue Lead extension, and on the south by Esmeralda.

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

at a point in a North westerly direction 200 feet from the discovery shaft (at which this notice is posted), being in the center of the west end line of said claim; thence North easterly 300 feet to a monument and post, being the north west corner of said claim; thence south easterly 500 feet to a monument and post, being at the north east corner of said claim; thence south westerly 300 feet to a monument and post at the center of the east end of said claim; thence south westerly 300 feet to a monument and post, being at the south east corner of said claim; thence north westerly 500 feet to a monument and post at the south west corner of said claim; thence north easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Dwarf Mining Claim, located by F. R. Perry

on the 24 day of September 1915, and recorded in Book 18 of Records of Mines, at page 336, in the office of the County Recorder of the aforesaid County of Cochise to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 8th day of September 1915

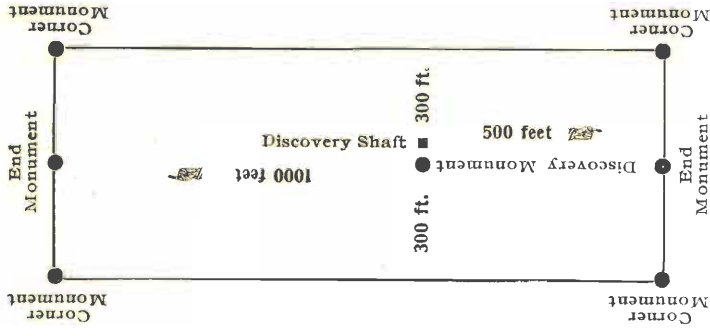
Arizona & Michigan Dev Co
J. V. Long Rept

INDEXED

SEP 24 1915

4459

AMENDED
Notice of Location.
LODE CLAIM.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Dated SEP 24 1915

Filed and Recorded at request of

Alton J. Trapp

SEP 24 1915

A. D. 1915

at

Book 54 Record of Mines

Pages 69

Allen E. Murphy
County Recorder.

By

Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix

STATE
TERRITORY OF ARIZONA,

County of COCHISE ss.

I, *Allen E. Murphy*, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 1 o'clock, PM,

on this SEP 24 1915 day of SEP 24 1915 1905, and duly recorded in Book No. 54

of MINING Records of COCHISE County, Arizona, at pages 69

WITNESS my hand and official seal the day and year first above written.

Allen E. Murphy
County Recorder.

AMENDED Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the ESMERALDA 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 Arizona & Michigan Development Company

(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 8th day of September 1915

The length of this claim is 400 feet, and it 200 feet, in a North Westerly direction and 200

300 feet in a South Easterly 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

North West to the South East

The claim is situated and located in the Cochise Mining District, in Cochise County, in the State of Arizona, about 3/4 mile

in a South Westerly direction from Johnson P. O. in Sec. 26, T. 15 S., R. 22 E., G. & S. R. B. & M and is bounded on the west by Copper Chief and on the north by Dwarf.

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

at a point in a North Westerly direction 200 feet from the discovery shaft (at which this notice is posted), being in the center of the West end line of said claim; thence North Easterly 300 feet to a monument and post, being the North west corner of said claim; thence South easterly 400 feet to a monument and post, being at the North east corner of said claim; thence South westerly 300 feet to a monument and post at the center of the East end of said claim; thence South westerly 300 feet to a monument and post, being at the south east corner of said claim; thence north westerly 400 feet to a monument and post at the south west corner of said claim; thence north easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Esmeralda Mining Claim, located by E. R. Perry

on the 21st. day of April 1899 ~~1900~~, and recorded in Book 17 of Records of Mines, at page 26, in the office of the County Recorder of the aforesaid County of Cochise to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 8th day of September 1915 ~~1905~~

Arizona & Michigan Dev. Co
J. J. Young Recd.

STATE TERRITORY OF ARIZONA,

County of COCHISE ss.

I, *Queen E. Murphy*

County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 10 o'clock, P.M.,

on this SEP 24 1915 190, and duly recorded in Book No. 54

of MINING Records of COCHISE County, Arizona, at pages 70

WITNESS my hand and official seal the day and year first above written.

Queen E. Murphy
County Recorder.

INDEXED SEP 24 1915

4460

AMENDED
Notice of Location.
LODE CLAIM.

Dated 190

Filed and Recorded at request of
Oliver J. Knopp

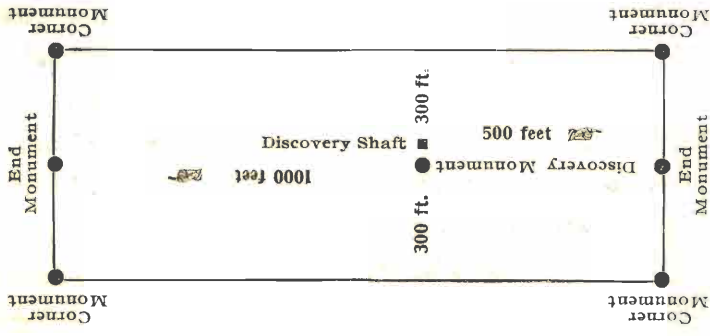
SEP 24 1915 A. D. 190
at 10 P.M.

Book 54 Record of Mines

Pages 70
Queen E. Murphy
County Recorder.

By Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Little Bush 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 The Arizona & Michigan Development Company

(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 8th day of September 1915

The length of this claim is 1500 feet, and it claims 600 feet, in a South easterly direction and 900 feet in a north westerly 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 North west to the South east.

The claim is situated and located in the Cochise Mining District, in Cochise State Cochise County, in the ~~Territory~~ of Arizona, about 1/2 mile in a South westerly direction from Johnson. P. O. in Secs. 23 & 26, T. 15 S., R. 22 E. G. & S. R. B. & M. Bounded on the north by Blue Lead on the east by Dwarf, on the south by Copper Chief and on the west by Sur. No. 330, Miantenomah.

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

at a point in a South easterly direction 600 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence south westerly 300 feet to a post and monument, being the south east corner of said claim; thence north westerly 1500 feet to a post and monument, being at the south west corner of said claim; thence north easterly 300 feet to a post and monument at the center of the west end of said claim; thence North easterly 300 feet to a post and monument, being at the north west corner of said claim; thence south easterly 1500 feet to a post and monument at the north east corner of said claim; thence south westerly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Little Bush Mining Claim, located by A. H. Wein

on the 23rd day of July 1899 ~~190~~, and recorded in Book 17 of Records of Mines, at page 42, in the office of the County Recorder of the aforesaid County of Cochise to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 8th day of September 1915 ~~190~~

Arizona & Mich. Dev. Co
J. J. Long

TERRITORY OF ARIZONA,

County of **COCHISE** ss.

I, *Queen E. Murphy*

County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock.....M.,

on this.....day of.....**SEP 24 1915**.....190....., and duly recorded in Book No.....*54*.....

of.....**MINING**.....Records of.....**COCHISE**.....County, Arizona, at pages.....*71*.....

WITNESS my hand and official seal the day and year first above written.

Queen E. Murphy
County Recorder.

SERIES 1915

INDEXED

4461

AMENDED
Notice of Location.
LODE CLAIM.

Empty grid lines for recording details.

Dated.....190.....

Filed and Recorded at request of

Clara J. Trapp

SEP 24 1915 A. D. 190.....M.

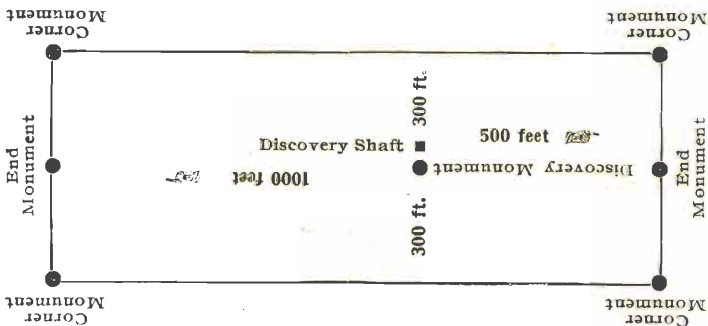
at

Book *54* **Record of Mines**

Pages *71*
Queen E. Murphy
County Recorder.

By.....
Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Southern Cross 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 The Arizona & Michigan Development Company

(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 8th day of September 1915 ~~1900~~

The length of this claim is 1500 feet, and it claims 550 feet, in a south westerly direction and 950 feet in a north easterly 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 South weste to the north east

The claim is situated and located in the Cochise Mining District, in Cochise State Cochise County, in the ~~Territory~~ of Arizona, about 1/2 mile in a southerly direction from Johnson P. O. in Secs. 23 and 26

T. 15 S., R. 22 E. G. & S. R. B. & M. and is bounded on the west by North Star Blue Lead and Survey No. 1717; on the south by Blue Lead Extension.

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

at a point in a south westerly direction 550 feet from the discovery shaft (at which this notice is posted), being in the center of the south end line of said claim; thence north westerly 300 feet to a post and monument, being the south west corner of said claim; thence north easterly 1500 feet to a monument and post, being at the north west corner of said claim; thence south easterly 300 feet to a monument and post at the center of the north end of said claim; thence south easterly 300 feet to a monument and post, being at the north east corner of said claim; thence south westerly 1500 feet to a monument and post at the south east corner of said claim; thence north westerly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Southern Cross Mining Claim, located by F. R. Perry and W. Deckeraw on the 1st day of February 1899 ~~1900~~, and recorded in Book 16 of Records of Mines, at page 72, in the office of the County Recorder of the aforesaid County of to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 8th day of September 1915 ~~1900~~

Arizona & Michigan Dev. Co
J. J. Long Dept.

STATE TERRITORY OF ARIZONA,

County of..... COCHISE

I, *Anna E. Murphy*, County Recorder in and for the County and

Territory aforesaid, do hereby certify that the within instrument was filed for record at..... o'clock,..... M., on this **SEP 24 1915** day of..... 190., and duly recorded in Book No. *54*

of..... MINING Records of..... COCHISE County, Arizona, at pages *68*

WITNESS my hand and official seal the day and year first above written.

Anna E. Murphy
County Recorder.

INDEXED

SEP 20 1915

4458

AMENDED
Notice of Location.
LODE CLAIM.

Dated..... 190

Filed and Recorded at request of

Alton J. Propp

SEP 24 1915 A. D. 190

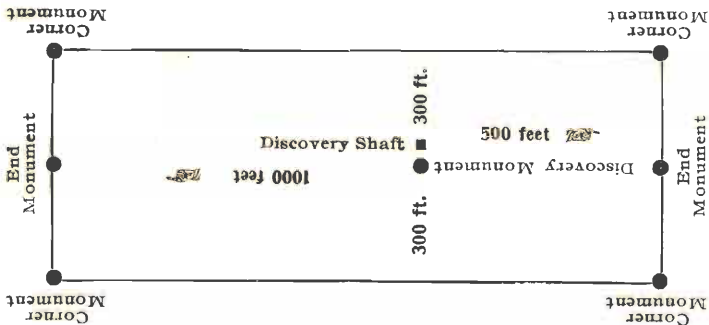
at..... P. M.

Book *54* **Record of Mines**

Pages *68*
Anna E. Murphy
County Recorder.

By..... Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the North Star 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 The Arizona & Michigan Development Company

(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 8th day of September 1915 ~~1900~~

The length of this claim is 1500 feet, and its claim is 660 feet, in a south easterly direction and 840 feet in a north westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 200 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 south east to the north west

The claim is situated and located in the Cochise Mining District, in Cochise County, in the ~~Territory~~ State of Arizona, about 1/2 mile in a south westerly direction from Johnson P. O. in Sec. 23, T. 15 S., R. 22 E. bounded on the west by Blue Grass, on the north by Sur. No. 1717, on east by Southern Cross, and on the south by Blue Lead.

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

at a point in a south easterly direction 660 feet from the discovery shaft (at which this notice is posted), being in the center of the west end line of said claim; thence southerly 229 feet to a monument and post, being the south east corner of said claim; thence north westerly 1500 feet to a monument and post, being at the south west corner of said claim; thence northerly 229 feet to a monument and post at the center of the west end of said claim; thence northerly 150 feet to a monument and post, being at the north west corner of said claim; thence south easterly 1500 feet to a monument and post at the north east corner of said claim; thence southerly 150 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the North Star Mining Claim, located by W. Deckeraw and F. R. Perry on the 23rd day of April 1899 ~~1900~~, and recorded in Book 17 of Records of Mines, at page 27, in the office of the County Recorder of the aforesaid County of to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 8th day of September 1915 ~~1900~~

Arizona & Michigan Dev. Co.
by J. G. Long, Supt.

STATE OF ARIZONA, } ss.
 County of COCHISE }
 I, *Ann E. Murphy*, County Recorder in and for the County and
 Territory aforesaid, do hereby certify that the within instrument was filed for record at o'clock M.,
 on this **SEP 24 1915** day of 190..., and duly recorded in Book No. **54**
 of **MINING** Records of **COCHISE** County, Arizona, at pages **73**

WITNESS my hand and official seal the day and year first above written.

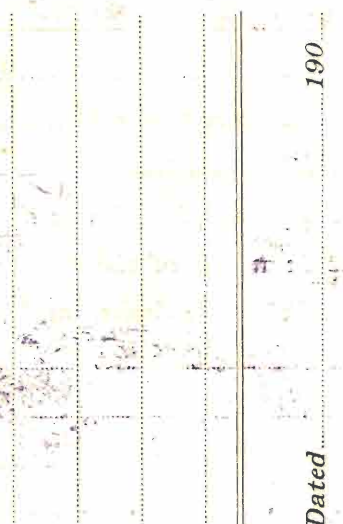
Ann E. Murphy
 County Recorder.

SEP 25 1915

INDEXED

4465

AMENDED
Notice of Location.
 LODGE CLAIM.



Dated 190...

Filed and Recorded at request of

Eleon J. Knapp

SEP 24 1915 A. D. 190...

at M.

Book **54** Record of Mines

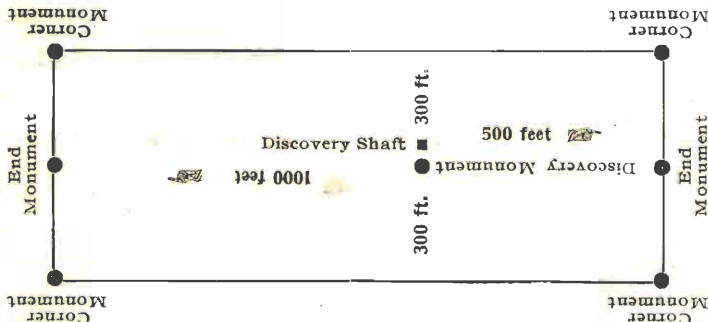
Pages **73**

Ann E. Murphy
 County Recorder.

By

Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Blue Lead Extension 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 The Arizona & Michigan Development Company

(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 8th day of September 1915.

The length of this claim is 500 feet, and it claims 240 feet, in a north westerly direction and 260 feet in a south easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 200 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 south east to the north west

The claim is situated and located in the Cochise Mining District, in Cochise County, in the ~~Territory~~ State of Arizona, about 1/2 mile in a South westerly direction from Johnson P. O. in Sec. 26, T. 15 S., R. 22 E., G. & S. R. B. & M. Bounded on the north by Southern Cross, on south by Dwarf and on the west by Blue Lead.

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

at a point in a north westerly direction 240 feet from the discovery shaft (at which this notice is posted), being in the center of the west end line of said claim; thence north easterly 110 feet to a post and monument, being the north west corner of said claim; thence south easterly 500 feet to a post and monument, being at the north east corner of said claim; thence south westerly 110 feet to a post and monument at the center of the east end of said claim; thence south westerly 200 feet to a post and monument, being at the south east corner of said claim; thence north westerly 500 feet to a post and monument at the south west corner of said claim; thence north easterly 200 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Blue Lead Extension Mining Claim, located by J. T. Tong

on the 1st day of January 1914 ~~1902~~, and recorded in Book 52 of Records of Mines, at

page 504, in the office of the County Recorder of the aforesaid County of to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 8th day of September 1915 ~~1902~~

Arizona & Michigan Dev. Co.
J. T. Tong

STATE TERRITORY OF ARIZONA,
 County of..... **COCHISE** ss.
 STATE *Queen E Murphy*....., County Recorder in and for the County and
 Territory aforesaid, do hereby certify that the within instrument was filed for record at..... o'clock,..... M.,
 on this..... day of..... **SEP 24 1915**..... 190..., and duly recorded in Book No. **34**
 of..... **MINING** Records of..... **COCHISE**..... County, Arizona, at pages **73**

WITNESS my hand and official seal the day and year first above written.

Queen E Murphy
 County Recorder.

INDEXED
 4463

AMENDED
Notice of Location.
 LOPE CLAIM.

.....

Dated..... 190.....

Filed and Recorded at request of

John J. Knapp

SEP 24 1915 A. D. 190..... M.
 at.....

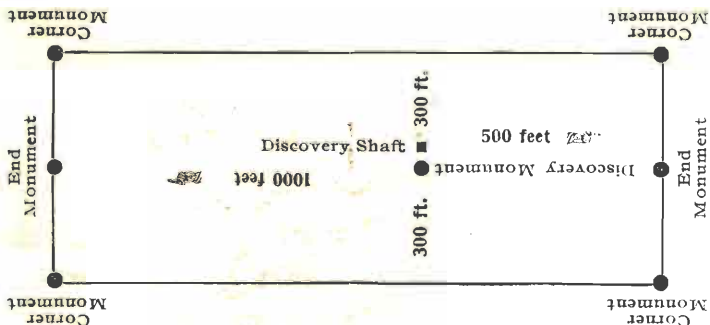
Book **34** Record of Mines

Pages **73**

Queen E Murphy
 County Recorder.

By..... Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

March 27, 1916

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

ARIZONA & MICHIGAN DEVELOPMENT CO.

known as the BLUE LEAD, COPPER CHIEF, DWARF, ESMERALDA, LITTLE BUSH, SOUTHERN CROSS, NORTH STAR, BLUE LEAD EXTENSION. situate in COCHISE

Mining District, COCHISE County, ARIZONA,

in Sections 23 & 26, Township No. 15 S., Range No. 22 E.,

designated as Survey No. 3242, 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 improvements made upon said mining claim by claimant or its grantors, and that said improvements consist of 42 shafts and 11 drifts, total value \$38,222. Improvement No. 2 on the Little Bush lode, and improvement No. 1 on the Copper Chief lode, being common improvements for the benefit and development of this group of eight claims, an undivided one-eighth interest in each of said improvements, value \$2,120 and \$1,674, respectively, is credited to each of the claims in this survey.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix,

Arizona, is correct and in conformity with the foregoing Field Notes.

Frank P. Trott,

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,

March 27, 1916.

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

ARIZONA & MICHIGAN DEVELOPMENT CO.

known as the
BLUE LEAD, COPPER CHIEF, DWARF, ESMERALDA, LITTLE BUSH,
SOUTHERN CROSS, NORTH STAR, BLUE LEAD EXTENSION.

situate in COCHISE mining district,

COCHISE County, ARIZONA.

in Section s 23 and 26., Township No. 15 S., Range No. 22 E.

designated as Survey No. 3242

executed by Ralph L. Motz, U. S. Deputy Mineral

Surveyor, November 15-22, 1915, under my instructions dated

September 28, 1915, 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.